Kevin Mooney
Senior Project Manager
GE Aerospace

1 Plastics Ave.
Pittsfield, MA 01201

T (413) 553-6610
kevin.mooney@geaerospace.com

Via Electronic Mail

November 6, 2025

Mr. Joshua Fontaine
U.S. Environmental Protection Agency, New England Region
Five Post Office Square
Suite 100
Boston, MA 02109

Re: GE-Pittsfield/Housatonic River Site
Rest of River (GECD850)
Baseline Monitoring Program: Data Summary Report for 2024

Dear Mr. Fontaine:

In March 2025, GE requested an extension of time to submit the 2024 Data Summary Report (DSR) on the Baseline Monitoring Program to 30 days after receipt of all validated 2024 PCB analytical data, including PCB congener data. That request was approved by EPA on April 1, 2025, both for this report and all future annual baseline monitoring data summary reports. All PCB analytical data from the 2024 samples have been received and validated, with the last of those data validated in early October 2025. The enclosed Baseline Monitoring Program DSR for 2024 presents a summary of the 2024 baseline sampling activities and results.

Please let me know if you have any questions about the enclosed report.

Very truly yours,

Kevin G. Mooney
Senior Project Manager

Enclosure

Cc: (via electronic mail)
John Kilborn, EPA
Alexander Carli-Dorsey, EPA
Lisa Danek-Burke, EPA
Christopher Ferry, ASRC Federal
Thomas Czelusniak, HDR Inc.
Scott Campbell, Taconic Ridge Environmental
Izabella Zapisek, Taconic Ridge Environmental
Michael Gorski, MassDEP
Tamara Cardona-Marek, MassDEP

SEMS Doc ID 697321

Ben Guidi, MassDEP
Jason Perry, MassDEP
Michelle Craddock, MassDEP
Jeffrey Mickelson, MassDEP
Mark Tisa, MassDFW
Eve Schluter, MassDFW
MassDFW, Project Inbox
Betsy Harper, MA AG
Traci Iott, CT DEEP
Graham Stevens, CT DEEP
Carol Papp, CT DEEP
Lori DiBella, CT AG
Danielle Perry, NOAA
James McGrath, City of Pittsfield
Andrew Cambi, City of Pittsfield
Michael Coakley, PEDA
Melissa Provencher, BRPC
Jay Green, Town Administrator, Town of Lenox
R. Christopher Brittain, Town of Lee
Town Manager, Great Barrington
Town Administrator, Stockbridge
Town Administrator, Sheffield
Jim Wilusz, Tri Town Health Dept.
Lance Hauer, GE
Eric Merrifield, GE
Andrew Inglis, GE
Matthew Calacone, GE
Rachel Leary, GE
Michael Werth, Anchor QEA
David Knutsen, Arcadis
Dennis Lowry, AECOM
James Bieke, Counsel for GE
Public Information Repository at David M. Hunt Library in Falls Village, CT
GE Internal Repository

November 2025
Housatonic River – Rest of River

Baseline Monitoring Program: Data Summary Report for 2024

Prepared for General Electric Company

November 2025
Housatonic River – Rest of River

Baseline Monitoring Program: Data Summary Report for 2024

Prepared for
General Electric Company
1 Plastics Avenue
Pittsfield, Massachusetts 01201

Prepared by
Anchor QEA, Inc.
54 Genesee Street, Suite 100A
Camillus, New York 13031

In Conjunction with:
Arcadis U.S., Inc.
One Lincoln Center
110 West Fayette Street, Suite 300
Syracuse, New York 13202

AECOM
500 Enterprise Drive
Rocky Hill, Connecticut 06067

Project Number: 190469-01.04

TABLE OF CONTENTS

1 Introduction 1

1.1 Background 1

1.2 Site Description 2

2 Summary of 2024 Baseline Monitoring Activities 3

2.1 Surface Water Sampling and Analysis 3

2.1.1 Sample Collection 4

2.1.2 Data Validation 6

2.1.3 Results 6

2.2 Fish Sampling and Analysis 6

2.2.1 Sample Collection 7

2.2.2 Data Validation 9

2.2.3 Results 10

2.3 Fish Community Survey 10

2.4 Surface Sediment Sampling and Analysis 11

2.4.1 Sample Collection and Analysis 12

2.4.2 Results 13

2.5 Waterfowl Sampling and Analysis 14

2.5.1 Sample Collection 14

2.5.2 Data Validation 15

2.5.3 Results 15

2.6 Benthic Invertebrate Tissue Sampling and Analysis 16

2.6.1 Sample Collection 16

2.6.2 Data Validation 16

2.6.3 Results 17

2.7 Benthic Invertebrate Community Survey 17

2.7.1 Sample Collection 17

2.7.2 Results 18

3 References 19

TABLES

Table 2-1 Summary of 2024 Surface Water Sampling and Analysis

Table 2-2 Summary of 2024 Surface Water Data

Table 2-3 Fish Sample Counts by Reach and Species in 2024
Table 2-4 Summary of Water Quality Data Collected During 2024 Fish Sampling
Table 2-5 Summary of 2024 Fish PCB Aroclor and Lipid Data
Table 2-6 Summary of 2024 Fish PCB Congener Data
Table 2-7 Observations of 2024 Fish Abnormalities
Table 2-8 Summary of 2024 Surface Sediment Sampling and Analysis
Table 2-9a Summary Statistics for 2024 Surface Sediment PCB Data
Table 2-9b Summary Statistics for 2024 Surface Sediment TOC Data
Table 2-10 Summary of 2024 Waterfowl Sampling
Table 2-11 Summary Statistics for 2024 Waterfowl PCB Aroclor Data
Table 2-12 Summary Statistics for 2024 Waterfowl PCB Congener Data
Table 2-13 Summary of 2024 Benthic Invertebrate PCB Congener and Lipid Data

FIGURES

Figure 1-1 Housatonic River Map
Figure 1-2 Housatonic River Map (Subreaches within Reaches 5 through 8)
Figures 2-1a–o Surface Water Sampling Locations
Figure 2-2 Surface Water Total PCBs by River Mile
Figures 2-3a–o Extents of 2024 Fish, Waterfowl and Benthic Invertebrate Sample Collection
Figures 2-4a–g Fish Aroclor Total PCB Concentrations by Reach
Figures 2-5a-m Extents of 2024 Surface Sediment Collection
Figure 2-6 Surface Sediment Aroclor Total PCB Concentrations by Reach
Figure 2-7 Waterfowl Total PCB Concentrations by Reach
Figure 2-8 Benthic Invertebrate Total PCB Concentrations by Reach

APPENDICES

Appendix A Data Validation Reports (Surface Water)
Appendix B Analytical Data Summary Tables (Surface Water)
Appendix C Data Validation Reports (Fish)
Appendix D Analytical Data Summary Table (Fish)
Appendix E Fish Community Survey Results
Appendix F Summary of Findings from Sediment Reconnaissance Effort
Appendix G Analytical Data Summary Tables (Surface Sediment)

Appendix H Data Validation Reports (Surface Sediment)
Appendix I Data Validation Reports (Waterfowl)
Appendix J Analytical Data Summary Tables (Waterfowl)
Appendix K Data Validation Report(Benthic Invertebrate)
Appendix L Analytical Data Summary Table (Benthic Invertebrate)
Appendix M Benthic Invertebrate Community Survey Results

ABBREVIATIONS

Arcadis	Arcadis U.S., Inc.
BDSR	Baseline Data Summary Report
BMP	Baseline Monitoring Plan
DGPS	differential global positioning system
EPA	U.S. Environmental Protection Agency
GE	General Electric Company
MassDFW	Massachusetts Division of Fisheries and Wildlife
mg	milligram
mg/kg	milligrams per kilogram
mm	millimeter
Pace	Pace Analytical Services, Inc.
PCB	polychlorinated biphenyl
Revised Final Permit	Revised Final Resource Conservation and Recovery Act Permit Modification
Revised FSP/QAPP	*Revised Field Sampling Plan/Quality Assurance Project Plan*
Revised Reach 5B–8 BRA Work Plan	*Revised Baseline Restoration Assessment Work Plan for Rest of River Reaches 5B Through 8*
ROR	Rest of River
Second Revised BMP	*Second Revised Baseline Monitoring Plan*
SGS	SGS Environmental Services
TOC	total organic carbon
TSS	total suspended solids
USFWS	U.S. Fish and Wildlife Service
WWTP	wastewater treatment plant
YOY	young-of-the-year

1 Introduction

1.1 Background

On December 16, 2020, pursuant to the Consent Decree for the GE-Pittsfield/Housatonic River Site (EPA and GE 2000), the U.S. Environmental Protection Agency (EPA) issued to the General Electric Company (GE) a Revised Final Corrective Action Permit under the Resource Conservation and Recovery Act (Revised Final Permit; EPA 2020), specifying a Remedial Action to address polychlorinated biphenyls (PCBs) in the Rest of River (ROR) portion of that site. The ROR extends from the Confluence of the East and West Branches of the Housatonic River in Pittsfield downstream through western Massachusetts and Connecticut.

The Revised Final Permit requires GE to conduct a Baseline Monitoring Program, which must include the collection of "PCB data in surface water, sediment, and biota (and other data) . . . to serve as a baseline for the evaluation of the potential impacts of the Corrective Measures [i.e., remediation activities] and project operations as well as to inform model parameterization in the model re-evaluation plan" (Section II.B.4.b.(1)(a)). Further, Section II.B.4.b.(2) of the Revised Final Permit states, "For areas where MNR [monitored natural recovery] is the Performance Standard, monitoring shall begin with baseline monitoring and shall continue throughout the Remedial Action and O&M [operation and maintenance]." To address these requirements, GE was required to submit a Baseline Monitoring Plan (BMP) to provide for the collection of baseline (i.e., pre-remediation) data on PCBs in surface water, sediments, and biota in the ROR area.

In accordance with similar requirements under a prior version of the Revised Final Permit, GE previously submitted an *Interim Baseline Monitoring Work Plan* on January 10, 2022 (Anchor QEA 2022), proposing surface water sampling at specified locations in the ROR. Following that sampling in 2022, GE submitted an *Interim Baseline Surface Water Monitoring Report* on March 6, 2023 (Anchor QEA and Arcadis 2023) summarizing the data collected, and that report was conditionally approved by EPA on April 4, 2023.

In the meantime, in accordance with directions from EPA under the Revised Final Permit, GE submitted an overall *Second Revised Baseline Monitoring Plan* (Second Revised BMP) on January 30, 2023 (Anchor QEA 2023), and that plan was conditionally approved by EPA on February 16, 2023.

Section 5 of Second Revised BMP states that the results of baseline monitoring conducted during each year of such monitoring will be presented in an annual Baseline Data Summary Report (BDSR). It provides that each BDSR is to present a summary of the work performed during the previous year and is to be submitted by March 31 of the following year. Baseline monitoring was initiated in 2023 and included surface water and fish collection. Following receipt and validation of the laboratory

analytical data for 2023, GE submitted the 2023 BDSR on January 29, 2025 (Anchor QEA et al. 2025), and that report was conditionally approved by EPA on May 29, 2025.

Baseline monitoring activities continued in 2024 and included collection and analysis of surface water, fish, surface sediment, waterfowl, and benthic invertebrate samples. Due to a delay in receipt of all laboratory analytical data for 2024, GE requested that the submittal date for the 2024 BDSR be revised to 30 days after receipt and validation of all 2024 PCB analytical data, including the PCB congener data from the 2024 fish and waterfowl samples; and that request was approved by EPA on April 1, 2025. Those data have now been received and validated, with the last of the PCB congener data from the 2024 fish samples received in September 2025 and validated in October 2025. This BDSR for 2024 provides a summary of the 2024 baseline sampling activities and results.

1.2 Site Description

The ROR area consists of the portion of the Housatonic River and its backwaters and floodplain (excluding portions of certain residential properties) downstream of the Confluence (located approximately two miles downstream from the GE facility in Pittsfield). The ROR area is shown on Figure 1-1 and identified according to river reach designations established by EPA. Subreaches within Reaches 5 through 8 are shown on Figure 1-2.

2 Summary of 2024 Baseline Monitoring Activities

Pursuant to the schedule provided in Section 5 of the Second Revised BMP, the second year of baseline monitoring (i.e., 2024) included collection and analysis of surface water, fish, surface sediment, waterfowl, and benthic invertebrate samples. A summary of those activities and their results is provided in this section.

2.1 Surface Water Sampling and Analysis

Surface water sampling activities, which commenced in 2023, continued through 2024. Consistent with the Second Revised BMP, as supplemented by the *Interim Baseline Surface Water Monitoring Report*, surface water samples were collected monthly from January through December 2024 for a total of 12 sampling events. Sampling was generally performed in accordance with the Second Revised BMP and *Interim Baseline Surface Water Monitoring Report* (as modified by EPA's April 4, 2023 conditional approval letter for the latter report). The locations sampled in 2024 were the same as those sampled during 2023.[1]

In addition, GE previously proposed, and EPA approved, the use of automated surface water samplers at Woods Pond Dam and Rising Pond Dam for the baseline monitoring program. In EPA's April 4, 2023 conditional approval letter for GE's *Interim Baseline Surface Water Monitoring Report*, EPA noted that it had a practical concern regarding the use of automated samplers because of the potential for clogging of the autosampler system due to high amounts of suspended solids/algae during warmer months. Therefore, EPA directed GE to provide a proposal for coincident manual and automated grab sampling at the dam wing walls for a period of time to demonstrate the comparability of those two methods. To address this concern, in a letter to EPA dated September 6, 2023, GE proposed to perform coincident sampling at each dam (i.e., composite grab samples collected at each wing wall manually and using the automated sampler) on a monthly basis for a period of six months during the warmer months of the year (June through September). That proposal was conditionally approved by EPA on September 28, 2023.

[1] As described in the BDSR for the 2023 sampling, several modifications/adjustments had been made in 2023 to specific sampling locations and sample collection methods described in the Second Revised BMP prior to the start of the program. These modifications were reviewed with EPA prior to initiation of the program and documented in an email to EPA dated April 20, 2023. Most of these modifications were minor and were made to address health and safety concerns and/or access limitations associated with the originally proposed sampling locations. The most substantive changes included the following: (1) moving the sampling location at Bulls Bridge Dam upstream to the Route 341 Bridge in Kent, Connecticut; (2) moving the Bleachery Dam/Boardman Road sampling location downstream to the Route 202 Bridge in New Milford, Connecticut; and (3) moving the Lake Zoar/Stevenson Dam and Lake Housatonic Dam/Derby Dam sampling locations in Connecticut to locations along the north and south shorelines just upstream of the dams. These modifications were approved by EPA in an email dated April 24, 2023.

Construction of the automated samplers could not be completed until July 2024; therefore, the coincident sampling was initiated in August 2024. Specifically, coincident manual and automated grab sampling was performed during the August, September, and October 2024 sampling events.[2]

Surface water sampling and analysis activities conducted during 2024 are summarized further in the remainder of this section.

2.1.1 Sample Collection

Arcadis U.S., Inc. (Arcadis), on behalf of GE, performed the 2024 surface water sampling during 12 events at 14 locations, including one location in the East Branch (Pomeroy Avenue Bridge) and 13 locations in the ROR—namely, near the Pittsfield Wastewater Treatment Plant (WWTP) and at New Lenox Road Bridge, Woods Pond Dam (wing walls), Old Pleasant Street Bridge (immediately upstream of the Route 102 bridge in Lee, Massachusetts), Rising Pond Dam (wing walls), Rannapo Road Bridge,[3] Falls Village Dam, Lime Rock Road/Route 7 Bridge located in Canaan, Connecticut (Canaan Town Line Bridge), Route 341 Bridge, Route 202 Bridge, Shepaug Dam, Stevenson Dam, and Lake Housatonic Dam (Derby Dam). Sample locations are shown on Figures 2-1a through 2-1n.

As in 2023, sampling methods at Pomeroy Avenue Bridge, near the Pittsfield WWTP, and at New Lenox Road Bridge, Old Pleasant Street Bridge, Rannapo Road Bridge, Canaan Town Line Bridge, Route 341 Bridge, Route 202 Bridge, and Shepaug Dam involved the collection of composite grab samples at each location, representative of three stations laterally across the river (25%, 50%, and 75% of the total river width at each location) and 50% of the total river depth at each station. Shepaug Dam locations were shifted slightly to avoid the spillway. Sampling methods at Woods Pond Dam and Rising Pond Dam involved the collection of composite grab samples at each location, representative of two stations laterally (three feet from the eastern edge and three feet from the western edge of the river/wing wall) and 50% of the total river depth at each station. Sampling methods at Falls Village Dam, Stevenson Dam, and Derby Dam involved the collection of composite grab samples at each location, representative of two stations laterally (near the shoreline on both sides of the river, just upstream of the respective dams) and 50% of the total river depth at each station. Field parameters (water temperature, pH, conductivity, turbidity, and dissolved oxygen) were measured at each location.

[2] The coincident sampling was extended beyond September into October to obtain additional data to better understand observed differences in TSS concentrations between the manual and automated grab samples collected at both locations during the August and September sampling events.

[3] Rannapo Road Bridge (listed as a possible alternate location to the Route 7A Bridge in the Second Revised BMP) replaced the Route 7A Bridge location starting in May 2023 due to the existence of more favorable river conditions for sampling at that location.

As described above, additional surface water grab samples were collected using the automated stations at Woods Pond Dam and Rising Pond Dam by Anchor QEA during the August, September, and October 2024 sampling events. These samples were collected coincidently with the manual grab samples collected by Arcadis at these locations during these events. As with the samples collected manually, samples collected using the automated samplers were mid-depth grab samples collected from both the east and west wing walls that were then composited on an equal-volume basis into a single sample for analysis from each dam location.

All samples were submitted to Pace Analytical Services, Inc. (Pace), in Minneapolis, Minnesota, for high-resolution PCB congener analysis using EPA Method 1668C, with congener-specific reporting limits ranging from 0.017 to 1.86 nanograms per liter, and to the Pace laboratory in Melville, New York, for total suspended solids (TSS) analysis using EPA Method SM 2540D. Table 2-1 summarizes the sample locations and analyses performed for each sample location.

Table 2-1
Summary of 2024 Surface Water Sampling and Analysis

Location	Sample Collection Method	Number of Samples Collected and Analyzed	
		PCB Congeners (Method 1668C)	TSS (SM 2540D)
Pomeroy Avenue	Grab Sampler	12	12
Near Pittsfield WWTP	Grab Sampler	12	12
New Lenox Road	Grab Sampler	12	12
Woods Pond Dam (Wing Walls)	Grab Sampler	12	12
	Automated Sampler	3	3
Old Pleasant Street Bridge	Grab Sampler	12	12
Rising Pond Dam (Wing Walls)	Grab Sampler	12	12
	Automated Sampler	3	3
Rannapo Road Bridge	Kemmerer	12	12
Falls Village Dam	Grab Sampler	12	12
Canaan Town Line Bridge	Kemmerer	12	12
Route 341 Bridge	Kemmerer	12	12
Route 202 Bridge	Grab Sampler	12	12
Shepaug Dam	Kemmerer	12	12
Stevenson Dam	Grab Sampler	12	12
Derby Dam	Grab Sampler	12	12
Total		**174**	**174**

Surface water samples were split with EPA at one location during each sampling event. EPA submitted those split samples to Eurofins in West Sacramento, California, for high-resolution PCB congener analysis by EPA Method 1668A.

2.1.2 Data Validation

Following receipt of the analytical results, the PCB and TSS data collected by GE underwent data review and validation in accordance with the pertinent procedures specified in GE's revised *Field Sampling Plan/Quality Assurance Project Plan* (Revised FSP/QAPP; Arcadis 2023). This included validation of all such data to a Tier I Plus level. The data validation reports are provided in Appendix A. As summarized in Table A-1 in Appendix A, 100% of both the PCB data and the TSS data are considered usable.

2.1.3 Results

The surface water analytical data collected during 2024 are summarized in Table 2-2 and in Tables B-1 and B-2 in Appendix B. Table 2-2 presents the validated total PCB congener and TSS analytical results, along with field parameter information, from each sampled location. Table B-1 provides individual PCB congener results. Table B-2 provides the individual PCB congener results from split samples collected by EPA in 2024 (and the corresponding GE sample results). Surface water total PCB congener concentrations are plotted by river mile on Figure 2-2.

2.2 Fish Sampling and Analysis

The design of the baseline sampling program for fish was partly based upon previous sampling of fish in the ROR as described in the Second Revised BMP, as well as the scope of future monitoring activities anticipated to occur during and after active remediation. Fish were collected at locations within each targeted river reach based on habitat availability. Because the Biota Performance Standards specified in the Revised Final Permit are based on PCB exposure in adult fish, baseline fish sampling included the collection and analysis of adult fish. Young-of-the-year (YOY) fish were also collected to provide additional lines of evidence for the evaluation of time trends. The Second Revised BMP required fish sampling to be performed during two separate events (the first event was conducted in 2023) to reach the target number of samples (i.e., a total of 20 adult fish and 14 YOY composite samples per species). For the first fish sampling event conducted in 2023, approximately half of the overall sample numbers (i.e., a total of 10 adult fish and seven YOY composite samples) were targeted per species within each of the target reaches. However, as described in the 2023 BDSR, those numbers were not achieved in all reaches. Therefore, additional effort (shocking seconds) was expended in 2024 to collect enough fish to achieve the total target sample count of 20 adult fish and 14 YOY fish samples per species in each reach. A description of the sampling approach for the collection of fish samples is provided in the following subsections.

2.2.1 Sample Collection

Anchor QEA and Arcadis, on behalf of GE, conducted the 2024 baseline fish sampling from September 9 through October 31, 2024. Sample collection during this period occurred on a total of 16 days during four separate mobilizations (September 9 through 12; September 16 through 19; September 30 through October 3; and October 28 through October 31, 2024). In accordance with the Second Revised BMP and a March 29, 2022 EPA conditional approval letter, 14 locations were sampled for adult fish, and eight of those locations included collection of YOY fish. Figures 2-3a through 2-3o show the baseline fish sampling locations in all reaches. Those locations were situated in Reaches 5A, 5B/5C, 6, 7D, 7G, 8, and 9 in Massachusetts and Reaches 10 through 16 in Connecticut. Sample collection areas within each reach were generally the same as in 2023 with the following exceptions:

- Reach 5A—Did not sample as far upstream due to low water levels
- Reach 5B/5C—Did not sample as far downstream
- Reach 10—Extended further upstream
- Reach 12—Extended further upstream
- Reach 13—Did not sample as far upstream
- Reach 15—Did not sample as far downstream
- Reach 16—Extended upstream

Adult fish species targeted in 2024 were consistent with those targeted in 2023, consisting of largemouth bass (*Micropterus salmoides*), yellow perch (*Perca flavescens*), and brown bullhead (*Ameiurus nebulosus*) at locations in Massachusetts and smallmouth bass (*M. dolomiueu*), yellow perch, brown bullhead, northern pike (*Esox lucius*) and fallfish (*Semotilus corporalis*) in the Connecticut reaches. In addition, due to a lack of observed brown bullhead in several reaches in 2023, white suckers (*Catostomus commersonii*) were collected as a substitute during both years of sampling. This proposed substitution was documented in a letter to EPA dated October 24, 2023, which was approved by EPA on December 6, 2023.

Because the Biota Performance Standards for fish apply to the edible portion for humans (i.e., fillets), collection of adult fish targeted the legal or edible size, which are fish greater than 305 millimeters (mm) for bass, 200 mm for bullhead, and 170 mm for yellow perch. Northern pike were targeted at a length greater than 660 mm, with some fish of lesser size being retained due to a lack of availability of larger pike. There were no minimum lengths specified for fallfish or white sucker. Reasonable efforts were made to obtain a representative sample of fish across age and size classes.

Target species for YOY fish included largemouth bass and yellow perch in Reaches 5A through 9 and smallmouth bass and yellow perch in Reach 11. Smallmouth bass were targeted in Reach 11 (rather

than largemouth bass) because of the low density of largemouth bass in that reach. YOY samples were composite samples consisting of fish of the same species of similar size. Each composite sample consisted of five individual fish per species.[4]

As described above, fish were targeted to reach a total count of 20 adult fish and 14 YOY composite fish samples per species per reach from the combined 2023 and 2024 sampling events. However, the target sample counts could not be obtained in several reaches due to a lack of preferred habitat for those species. Table 2-3 shows the actual sample counts by species and reach. Reasonable efforts were made to collect the target numbers, including multiple mobilizations to several of the reaches. Decisions regarding the adequacy of the sample collection efforts and decisions to discontinue sampling for the year at a given location were made in consultation with the EPA field representative.[5]

2.2.1.1 Methods

Sample collection was performed using electrofishing vessels. For reaches that had limited access and shallow water depths, a 14-foot jon boat was used. This boat was outfitted with a 10-horsepower outboard motor and Smith-Root VVP-158 electronics, powered by a 5,000-watt generator. Components were assembled on site, and the vessel was hand launched. For reaches with maintained boat ramps and deep water, a 16-foot Smith-Root electrofishing vessel powered by an outboard motor was used. This vessel included Apex electronics, powered by a gas generator.

Prior to sampling at each location, water quality data were collected with a YSI Pro DSS multi-parameter probe. Measurements included temperature (in °C), pH, conductivity (in millisiemens per centimeter), turbidity (in nephelometric turbidity units), and dissolved oxygen (in milligrams [mg] per liter). The water quality results are provided in Table 2-4. Electrofishing occurred generally along transects near the riverbanks, targeting areas of preferred habitat (e.g., vegetation, undercut banks, downed trees, and deep pools). GPS coordinates were logged with an onboard unit at the upstream and downstream extent of the transects at each sampling location. Shocking seconds were logged to document level of effort, as shown in Table 2-3.

[4] As described in the 2023 BDSR, the Second Revised BMP stated that YOY composite samples would consist of 10 individual whole-body fish per species; however, due to a lack of abundance in certain reaches, the number of YOY fish per composite was reduced to a minimum of five individual whole-body fish per species. This modification was documented in GE's October 24, 2023 letter, which was approved by EPA.

[5] In a letter dated February 24, 2025, GE proposed that an additional (third) round of fish collection be conducted in 2025 at the locations where sample sizes were not achieved during the combined 2023/2024 collection efforts. EPA approved that proposal in a letter dated March 5, 2025. GE performed that additional fish sampling during September 2025. Results of this additional sampling will be provided in a future report. On September 19, 2025, GE reported that some species target numbers had still not been obtained in certain reaches due to habitat limitations, and it proposed to conclude the BMP fish collections. On September 29, 2025, EPA concurred with that assessment and proposal.

Once collected, fish were kept in live-wells or coolers with wet ice until being transferred to the field processing team. Sample processing was performed at GE's Building 59 in Pittsfield. Each fish collected was weighed (to the nearest 1.0 gram for adult fish, nearest 10 grams for northern pike, and nearest 0.1 gram for YOY fish), and total length was measured (to the nearest mm) and recorded. These measurements were made as soon as possible following collection. Measurements were made with calibrated instruments. Each sample was wrapped in clean aluminum foil (shiny side out), labeled, placed in a plastic resealable storage bag, and frozen following data processing. In addition, observed external abnormalities were noted in the field log.

Chain-of-custody forms were generated after data were entered into the database, and samples were grouped by species and location. Samples were shipped frozen at the end of a sampling event to the Pace laboratory in Green Bay, Wisconsin.

2.2.1.2 Laboratory Sample Preparation

Details related to preparation of fish samples for analysis were summarized in GE's October 24, 2023 letter that was approved by EPA. All processing of fish samples for analysis was performed by Pace Green Bay. For adult fish, the portions of the fish generally eaten by humans (fillets) were analyzed. The adult fish samples were prepared by removing the left fillet, excluding the rib cage, and removing the skin for analysis; the right fillet was included in a few samples where needed for sufficient sample mass. The belly flap was also retained along with the fillet for analyses. Otoliths were removed from adult fish by the laboratory for use in future age determination if needed. For YOY fish, samples were analyzed as whole-body composites.

2.2.1.3 Laboratory Analysis

All fish samples collected were analyzed by Pace Green Bay for PCB Aroclors using EPA Method 8082A and for percent lipid content. The target reporting limit/practical quantitation limit for fish tissue PCB Aroclor analysis was approximately 0.05 milligrams per kilogram (mg/kg). Approximately 25% of the collected adult and YOY fish samples were split and sent to SGS Environmental Services (SGS) in Wilmington, North Carolina, for PCB congener analyses by EPA Method 1668C (in addition to the Aroclor analyses). The subset of fish that was selected for analysis of PCB congeners was determined in consultation with EPA. The sex of each individual fish was also determined by the laboratory independent of the field determination.

2.2.2 Data Validation

Following receipt of the analytical results, the PCB Aroclor and congener data collected by GE underwent data review and validation in accordance with the pertinent procedures specified in GE's Revised FSP/QAPP. This included validation of all such data to a Tier I Plus level. The data validation reports are provided in Appendix C. As summarized in Table C-1 in Appendix C, 99.97% of the PCB Aroclor data and 100% of the PCB congener data are considered usable.

2.2.3 Results

A total of 514 fish samples were collected in 2024 and submitted for PCB Aroclor analysis; these included 435 adult individual samples and 79 composite YOY fish samples. Approximately 25% of the samples (131 fish, including 102 adults and 29 YOY composites) were split and submitted for PCB congener analysis. Summary statistics for the PCB Aroclor and congener results are presented in Tables 2-5 and 2-6, respectively. Table 2-5 also includes summary statistics for lipid content. Figures 2-4a through 2-4g show the Aroclor results plotted by reach for all species. A tabulation of all fish Aroclor and congener data is provided in Appendix D.

In addition, general fish condition was assessed by field measurements and visual observation. Observed external abnormalities, where present, were recorded and are summarized in Table 2-7.

2.3 Fish Community Survey

As part of a separate baseline program, on February 20, 2023, GE submitted a *Revised Baseline Restoration Assessment Work Plan for Rest of River Reaches 5B Through 8* (Revised Reach 5B–8 BRA Work Plan; AECOM 2023), which was approved by EPA on March 8, 2023. The Revised Reach 5B–8 BRA Work Plan described GE's proposed process and activities to implement a baseline restoration assessment for the reaches downstream of Reach 5A in which remediation is required (i.e., Reaches 5B through 8). One element of that assessment was to conduct fish community surveys. As noted in that work plan, the fish community surveys in Reaches 5B through 8 would be performed at the same locations in those reaches where fish tissue sampling is being conducted as part of the Baseline Monitoring Program. Accordingly, fish community surveys were conducted in both 2023 and 2024 concurrently with, and at some of the same locations as, the Baseline Monitoring Program fish sample collections. While the community surveys are not part of the Baseline Monitoring Program, GE has elected for completeness to summarize the fish community data collected in 2024 in this BDSR, as it did in the 2023 BDSR for the fish community data collected in 2023.

The 2024 fish community survey was performed by AECOM, on behalf of GE, during fall of 2024 in tandem with fish tissue sample collection for PCB analysis described in Section 2.2. Sampling was conducted on September 9, 2024 in six reaches—namely, Reaches 5A, 5B/5C, 6, 7D, 7G, and 8. Electrofishing was used for fish collection in all reaches at the locations shown on Figures 2-3a through 2-3c and 2-3e through 2-3g. In each such reach, electrofishing was conducted along one or two transects, for a total of 11 transects. Each transect was sampled for approximately 30 to 45 minutes. This duration was chosen to catch enough fish to adequately represent the fish community for the habitat within each reach. Water quality measurements were also recorded in tandem with fish sampling for each location. In addition, in Reaches 5B/5C, four minnow traps were deployed at the locations shown on Figure 2-3b for approximately 22 to 24 hours to obtain

additional information on small fish species that may not have been affected or observed during the electrofishing.

For the fish collected by electrofishing, identified species were grouped into adult, juvenile, and YOY. Once each collection event was complete, collected fish were identified. All fish species not selected and retained for PCB analysis were returned to the water near the sampling location. The results of the electrofishing are summarized by species and reach, as well as overall, in tabular form in Appendix E. Coldwater fish species were prevalent in Reaches 5A and 7D. Warmwater species were found mainly in Reaches 6, 7G, and 8. Cool water species were common in nearly all locations sampled except Reach 7G, which was predominantly composed of warmwater species. A total abundance of 3,083 individual fish was enumerated in these reaches. Total sample time for electrofishing was approximately 498 hours. The total species richness across all locations sampled was 20.

In Reaches 5B/5C, the results from the minnow traps showed a low catch, with only two species caught (pumpkinseed and bluegill) and only at one station. This may have been influenced by the drought conditions during the time of the minnow trapping effort in October 2024.

In addition to the above description of the 2024 fish community survey, the 2023-2024 fish community data from Reaches 5B/5C were evaluated and presented in the *Baseline Restoration Assessment Report for Housatonic River Reaches 5B and 5C* (AECOM 2025a), which was submitted to EPA on February 28, 2025, and conditionally approved on September 23, 2025.[6] The collective 2023 and 2024 fish community survey data from Reach 6 (Woods Pond) were evaluated and presented in the *Revised Baseline Restoration Assessment Report for Reach 6* (AECOM 2025b), which was submitted to EPA on September 2, 2025, and approved on September 30, 2025. Fish community survey data from further downstream reaches will be presented and evaluated in future reach-specific baseline restoration assessment reports.

2.4 Surface Sediment Sampling and Analysis

Baseline surface sediment sampling was performed in 2024. In accordance with the Second Revised BMP, surface sediment samples were originally targeted at 810 discrete locations over 210 transects in Reaches 7A, 7D, 7F, and 7H and Reaches 9 through 16. As described in the Second Revised BMP, the baseline sediment sampling had two components: (1) sampling on systematic transects that were approximately equally spaced and constituted 80% of the sampling effort in each reach; and (2) sampling at random transects/locations that were placed to sample specific river features such as aggrading areas, sand bars, and depositional areas, which constituted 20% of the sampling effort in each reach. Also, in accordance with an EPA directive, a subset of the random locations needed to

[6] In accordance with EPA's conditional approval letter, that Baseline Restoration Assessment Report for Reaches 5B and 5C is under revision, and a revised report will be submitted on a schedule agreed upon with EPA.

include some beach areas and boat launches. Prior to initiating sampling, GE conducted a desktop exercise of identifying possible locations to site the random transects in each reach, and the results of this exercise were provided to EPA in an email dated May 31, 2024. GE and EPA then conducted joint field reconnaissance of those locations to reach agreement on a final set of random sampling locations. GE provided to EPA a summary of findings from the reconnaissance effort, including a recommendation for which of the locations were selected for sampling within each reach, in an email dated August 7, 2024 (the figures and summary table from which are provided in Appendix F). EPA approved that recommendation in an email dated August 18, 2024. The surface sediment sampling and analysis activities conducted during 2024 are summarized in the following subsections.

2.4.1 Sample Collection and Analysis

Anchor QEA, on behalf of GE, performed the surface sediment sampling from October 7 through December 20, 2024. As stated above, this included collection of sediment samples from 184 transects over 12 reaches. The number of transects collected within each reach are summarized in Table 2-8.

Table 2-8
Summary of 2024 Surface Sediment Sampling and Analysis

Sample Reach	Number of Sampling Transects Targeted	Number of Transects Which Sample Was Collected and Analyzed
7A	20	15
7D	40	37
7F	20	19
7H	20	5
9	20	20
10	15	15
11	15	15
12	10	10
13	10	9
14	20	20
15	10	10
16	10	9
Total	**210**	**184**

Each of the transects located in the Massachusetts reaches included three discrete samples per transect, one collected at approximately mid-river and one near each shore. Each of the transects located in the Connecticut reaches included five discrete samples, distributed at approximately equal intervals across the river. Several discrete sampling locations on a transect were moved or abandoned because of difficulty in locating recoverable sediment or health and safety considerations with fast moving water/rapids. If sediment was not found within 50 feet of a target transect, the

entire transect was abandoned. Any abandonment of discrete locations and/or transects was discussed with the EPA field representative. As shown in Table 2-8, out of the 210 targeted transects, 184 were sampled. A tabular summary of the target transect locations, actual sampling locations, and rationale for any movement or abandonment is provided in Table G-3 in Appendix G.

2.4.1.1 Methods

Sediment sample collection and processing were performed following the methodology specified in Appendix C1 to the Revised FSP/QAPP (Surface Sediment Probing and Sampling Collection). The sampling crew navigated to the proposed sediment sampling locations using a differential global positioning system (DGPS). Because river access and water depths varied by reach, sediment samples were collected from various types of vessels (i.e., canoe, jon boat, pontoon boat) or by personnel wading in the river. At each location where recoverable sediment was located, a surface sediment grab sampler (i.e., Petite Ponar or Van Veen sampler depending on water depth) was used to collect surface sediment. The discrete samples collected on each transect were then composited and homogenized into a single sample for analysis. As each discrete location was sampled, the coordinates were recorded by the DGPS. As noted above, it was necessary to adjust some of the target discrete sampling locations based on lack of recoverable sediment and unsafe flow conditions. These conditions were primarily encountered in Reaches 7A, 7D and 7H. Reasons for transect and/or discrete sample abandonment are provided in Table G-3 in Appendix G.

2.4.1.2 Laboratory Analysis

Each composite sediment sample was sent to SGS in Dayton, New Jersey, for analysis of PCB Aroclors using EPA Method 8082A, targeting a reporting limit/practical quantitation limit of approximately 10 mg/kg. Each sediment sample was also analyzed for moisture content, total organic carbon (TOC), and grain size. In addition, 10 field duplicate samples were sent to the laboratory for analysis.

2.4.1.3 Data Validation

Following receipt of the analytical results, the PCB, TOC, and grain-size data collected by GE underwent data review and validation in accordance with the pertinent procedures specified in GE's Revised FSP/QAPP. This included validation of all such data to a Tier I Plus level. The data validation reports are provided in Appendix H. As summarized in Table H-1 in Appendix H, 100% of the PCB data, TOC data, and grain-size data are considered usable.

2.4.2 Results

The surface sediment analytical data collected during 2024 are summarized in Tables 2-9a and 2-9b for total PCBs and TOC, respectively. Table G-1 in Appendix G presents the validated results for individual PCB Aroclors, total PCB Aroclors, TOC, and grain size from each sampled transect. Table G-2 in Appendix G provides the results for individual PCB Aroclors and total PCB Aroclors from

split samples collected by EPA in 2024 (and the corresponding GE sample results). Total PCB Aroclor concentrations (including EPA split samples) are shown graphically by reach on Figure 2-6. As shown, the PCB concentrations in surface sediment in these reaches were uniformly low (all below 1 mg/kg).

2.5 Waterfowl Sampling and Analysis

Waterfowl sampling activities were conducted from late summer through fall 2024. Consistent with the Second Revised BMP, waterfowl sample target species included mallards (*Anas platyrhynchos*) and wood ducks (*Aix sponsa*) within three areas: at or near Woods Pond and Rising Pond in Massachusetts and the Bulls Bridge impoundment in Connecticut. Specific sample locations within each area were established based on available waterfowl habitat and observations of the target species in those areas. Resident hatch-year mallards and wood ducks were targeted, and sampling was conducted prior to fall migration to reduce the possibility of collecting migrants originating from areas outside the vicinity of the Housatonic River as well as to avoid overlap of the hunting season for these species. A total of 20 mallards and 20 wood ducks were targeted at each of the three sample areas. Sampling activities were coordinated with the Massachusetts Division of Fisheries and Wildlife (MassDFW), the Connecticut Department of Energy and Environmental Protection, and the U.S. Fish and Wildlife Service (USFWS).

2.5.1 Sample Collection

Arcadis, on behalf of GE, performed waterfowl sampling from August 12 through September 27, 2024. Bait and trap locations are shown on Figures 2-3b, 2-3c, 2-3g, and 2-3k. This sampling resulted in the collection of a total of seven mallards and 33 wood ducks within the sampling areas. Waterfowl samples collected at each of these three areas are summarized in Table 2-10. As indicated, only seven mallards were captured in the Woods Pond area, no waterfowl were captured at the Rising Pond area, and only wood ducks (13 individuals) were captured in the Bulls Bridge impoundment area.

Table 2-10
Summary of 2024 Waterfowl Sampling

Reach	Location Description	Number of Samples Collected	
		Mallard	Wood Duck
6	Woods Pond Area	7	20
8	Rising Pond Area	0	0
12	Bulls Bridge Impoundment Area	0	13
	Total	**7**	**33**

2.5.1.1 Methods

Waterfowl sample collection and processing were performed following the methodology specified in Appendix F4 to the Revised FSP/QAPP (Standard Operating Procedures for Waterfowl Sampling). Based on available habitat within each of the three sampling areas, potential trap sites were baited with cracked corn before walk-in or swim-in traps were deployed based on observations of birds using the bait. Game cameras were used to remotely monitor bait/trap locations and the field crew periodically conducted land-based and boat-based reconnaissance searching for the target species within the sample areas. When available, target species were collected by hand or netting. As noted above, waterfowl were captured at only the Woods Pond and Bulls Bridge areas, with none in the Rising Pond area, and the target numbers were met only for wood ducks at the Woods Pond area. Captured waterfowl were removed from the traps or nets, speciated, sexed, and aged. Adult birds collected at any location and wood ducks collected at Woods Pond in excess of the target sample size were released. Individual birds retained were euthanized and samples were processed by the field team. During processing, waterfowl breast tissue samples were prepared by removing and discarding the feathers from both sides of the breasts, cutting down the sternum and carving the tissue from the ribcage, and retaining the skin-on breast tissue for the sample.

2.5.1.2 Laboratory Analysis

Waterfowl tissue samples were sent to Pace Green Bay for analyses of PCB Aroclors using EPA Method 8082A and percent lipid content. Representative samples of the cracked corn bait were also analyzed for PCB Aroclors using EPA Method 8082. A subset of approximately 25% of the waterfowl tissue samples were selected in consultation with EPA for PCB congener analysis and were sent to SGS Wilmington for such analysis by EPA Method 1668C.

2.5.2 Data Validation

Following receipt of the analytical results, the PCB Aroclor and congener data collected by GE underwent data review and validation in accordance with the pertinent procedures specified in GE's Revised FSP/QAPP. This included validation of all such data to a Tier I Plus level. The data validation reports are provided in Appendix I. As summarized in Table I-1 in Appendix I, 100% of the Aroclor and congener data are considered usable.

2.5.3 Results

As described above, a total of 40 waterfowl tissue samples were collected in 2024 and submitted for PCB Aroclor and lipid analyses. Twelve (approximately 25%) of the samples were split and submitted for PCB congener analysis. Five representative cracked corn samples were submitted for Aroclor analysis. Summary statistics for the PCB Aroclor and congener results are presented in Tables 2-11 and 2-12, respectively, with all Aroclor and congener data reported in Appendix J. Total PCB concentrations are also shown graphically by reach on Figure 2-7.

2.6 Benthic Invertebrate Tissue Sampling and Analysis

Consistent with the Second Revised BMP and EPA's conditional approval letter dated February 16, 2023, benthic invertebrate tissue sampling and a benthic invertebrate community survey were performed within several reaches of the Housatonic River during the fall of 2024. This section describes the benthic invertebrate tissue sample collection and analysis, and Section 2.7 describes the benthic invertebrate community survey.

2.6.1 Sample Collection

Arcadis, on behalf of GE, conducted the benthic invertebrate tissue sampling from October 7 through October 10, 2024. Composite invertebrate tissue samples were collected within a total of six reaches. These consisted of five reaches in Massachusetts (Reaches 5A, 5B, 5C, 7D, and 7H) and one reach in Connecticut (West Cornwall, Reach 11). The tissue sampling locations are shown on Figures 2-3a, 2-3b, 2-3c, 2-3d, 2-3f, and 2-3j. One composite sample consisting of a mixture of available benthic invertebrates was collected at each of the reaches in Massachusetts (i.e., Reaches 5A, 5B, 5C, 7D, and 7H). In the Connecticut reach (Reach 11), to be consistent with historical sampling in that reach, three separate composite samples consisting of caddisflies, hellgrammites, and stoneflies were collected, including one composite for each species. This resulted in a total collection of eight invertebrate samples.

2.6.1.1 Methods

Benthic invertebrate sample collection and processing were performed following the methodology specified in Appendix F2 to the Revised FSP/QAPP (Standard Operating Procedures for Benthic Macroinvertebrate Tissue Sampling). Benthic invertebrate tissue samples were collected from approximately 150-foot-long stream sections. Sampling was conducted using kick and sweep methods with a D-frame net, combined with manual collection of organisms from rocks and woody debris. Collected invertebrates were placed in a labeled sample container, weighed to ensure tissue mass requirements for analyses were met, and sent to the contract laboratory for analyses.

2.6.1.2 Laboratory Analysis

All eight composite benthic invertebrate samples were sent to SGS Wilmington for analyses of PCB congeners by EPA Method 1668C, percent lipid content, and percent moisture.

2.6.2 Data Validation

Following receipt of the analytical results, the PCB congener data collected by GE underwent data review and validation in accordance with the pertinent procedures specified in GE's Revised FSP/QAPP. This included validation of all such data to a Tier I Plus level. The data validation report is provided in Appendix K. As summarized in Table K-1 in Appendix K, 100% of the PCB congener data are considered usable.

2.6.3 Results

As described above, a total of eight benthic invertebrate samples were collected in 2024 and submitted for PCB congener, lipid, and percent moisture analyses. A summary of total PCB and lipid results are presented in Table 2-13. A tabulation of all PCB results (including individual congener results) is provided in Appendix L. Total PCB concentrations are also shown graphically by reach on Figure 2-8.

2.7 Benthic Invertebrate Community Survey

A benthic invertebrate community survey was conducted in fall 2024. The objective of the invertebrate community survey was to obtain updated information on the general species composition and relative abundance in the prevalent benthic habitats in three Housatonic River reaches (Reaches 5B, 5C, and 7D).

2.7.1 Sample Collection

AECOM, on behalf of GE, performed benthic invertebrate community surveys in early October 2024 over a three-day period at two stations in Reach 5B, five stations in Reach 5C, and one station in Reach 7D. These locations are shown on Figures 2-3b, 2-3c, and 2-3d. Duplicate samples were collected in Reaches 5C (two duplicates) and 7D. Locations were selected to best represent the overall habitat characteristics of each respective reach. Sampling was performed using two standard sampling methods, including kick sampling in shallower areas and jab sampling in areas where wading was infeasible, combined with manual collection of organisms from rocks and woody debris. Water quality measurements were also recorded at each sampling location. A tabular summary of the sample locations and invertebrates collected from each location is provided in Appendix M.

2.7.1.1 Methods

Benthic invertebrate samples were collected from approximately 150-foot-long stream sections selected to represent the range of substrate types and flow conditions in the respective reach, while also considering potential human impacts. At each site, habitat documentation and a sketch map were prepared, noting underwater environmental conditions such as in-stream habitat features and flow direction. As noted above, sampling was conducted using standardized kick and jab methods with a D-net, combined with manual collection of organisms from rocks and woody debris. Twenty individual samples were taken per sampling area, proportionally distributed across available substrate types, and composited into a single sample preserved in ethanol. This process was repeated at each sampling area. This resulted in a total of eight composite samples plus the three duplicate samples from Reaches 5C and 7D.

2.7.1.2 Laboratory Sample Preparation and Analysis

Each composite sample was labeled with sampling date and collection location and sent to the Haley Ward (formerly Lotic Inc.) laboratory in Bangor, Maine, for taxonomic identification. Identifications were made to the species level where possible. As noted above, a total of eight primary composite samples plus three duplicate samples from two of the sample areas were sent to the laboratory for such identification. Samples were sorted with a target of 300 to 500 organisms in each sample. Following receipt of the taxonomic identification results, data were validated through a 10% quality control process in which 10% of the specimens were randomly selected and reviewed by a senior taxonomist. The identifications in the subsample that were reviewed by the senior taxonomist had greater than 90% agreement with the original identifications. The complete results were also reviewed by the senior taxonomist.

2.7.2 Results

A total of 11 benthic invertebrate samples (eight primary composite samples and three duplicates) were collected in 2024 for taxonomic identification. Average species richness was approximately 49, ranging from 42 to 60. Results of the identification are presented in tabular form in Appendix M.

3 References

AECOM, 2023. *Revised Baseline Restoration Assessment Work Plan for Rest of River Reaches 5B Through 8*. Prepared for General Electric Company. February 2023.

AECOM, 2025a. *Baseline Restoration Assessment Report for Housatonic River Reaches 5B and 5C*. Prepared for General Electric Company. February 2025.

AECOM, 2025b. *Revised Baseline Restoration Assessment Report for Housatonic Rest of River Reach 6*. Prepared for General Electric Company. September 2025.

Anchor QEA, 2022. *Interim Baseline Monitoring Work Plan*. Housatonic River – Rest of River. Prepared for General Electric Company, Pittsfield, Massachusetts. January 2022.

Anchor QEA, 2023. *Second Revised Baseline Monitoring Plan*. Housatonic River – Rest of River. Prepared for General Electric Company, Pittsfield, Massachusetts. January 2023.

Anchor QEA and Arcadis, 2023. *Interim Baseline Surface Water Monitoring Report*. Housatonic River – Rest of River. Prepared for General Electric Company, Pittsfield, Massachusetts. March 2023.

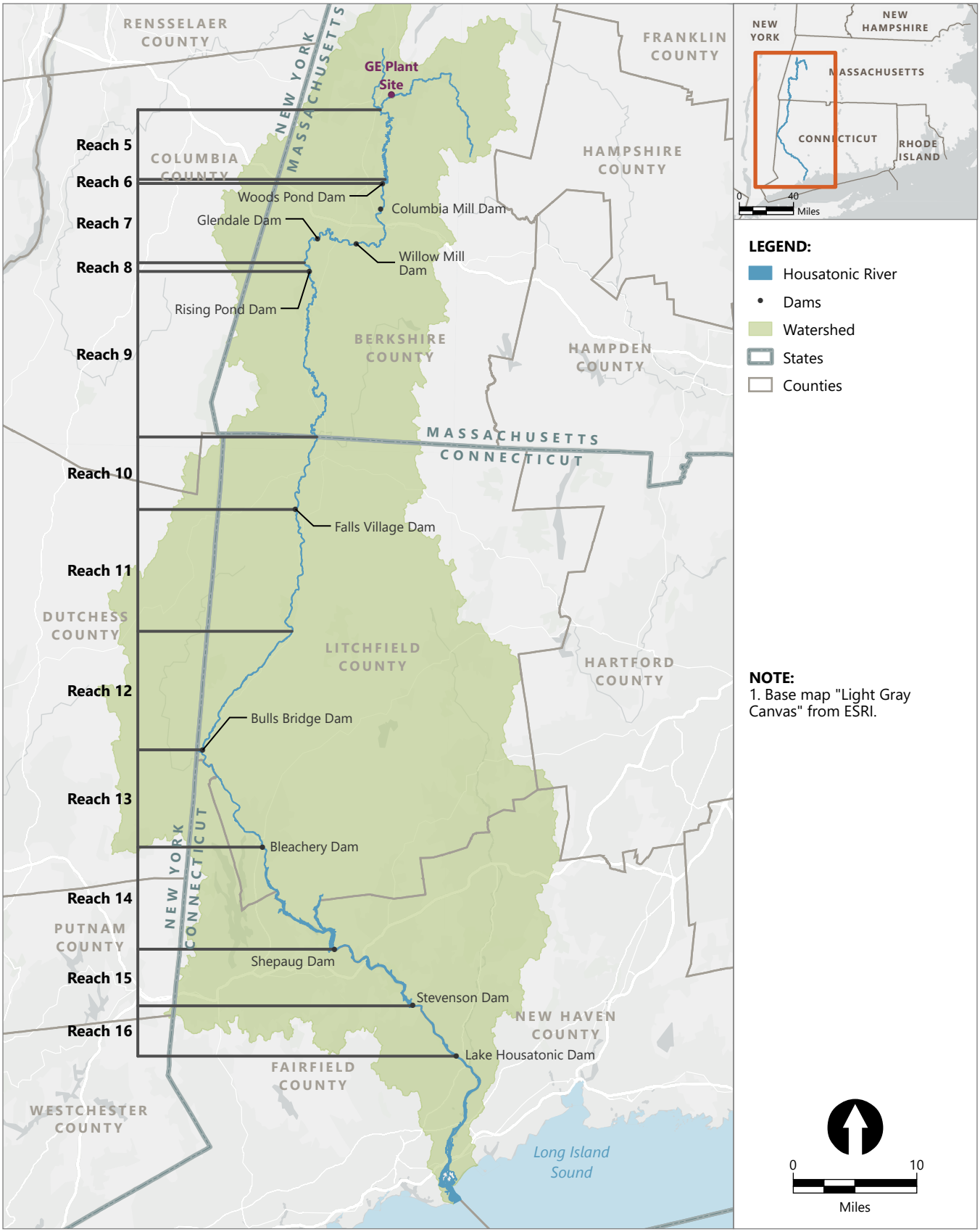
Anchor QEA, Arcadis and AECOM, 2025. *Baseline Monitoring Program: Data Summary Report for 2023*. Prepared for General Electric Company, Pittsfield, Massachusetts. January 2025.

Arcadis, 2023. *Revised Field Sampling Plan/Quality Assurance Project Plan.* GE-Pittsfield/Housatonic River Site. Prepared for General Electric Company, Pittsfield, Massachusetts. December 2023.

EPA, 2020. *Revised Final Permit Modification to the Reissued RCRA Permit and Selection of CERCLA Remedial Action and Operation & Maintenance for Rest of River*. December 2020.

EPA and GE, 2000. *Consent Decree in United States of America, State of Connecticut, and Commonwealth of Massachusetts v. General Electric Company*. Civil Action Nos. 99-30225, 99 30226, 99-30227-MAP, entered by the United States District Court for the District of Massachusetts. October 27, 2000.

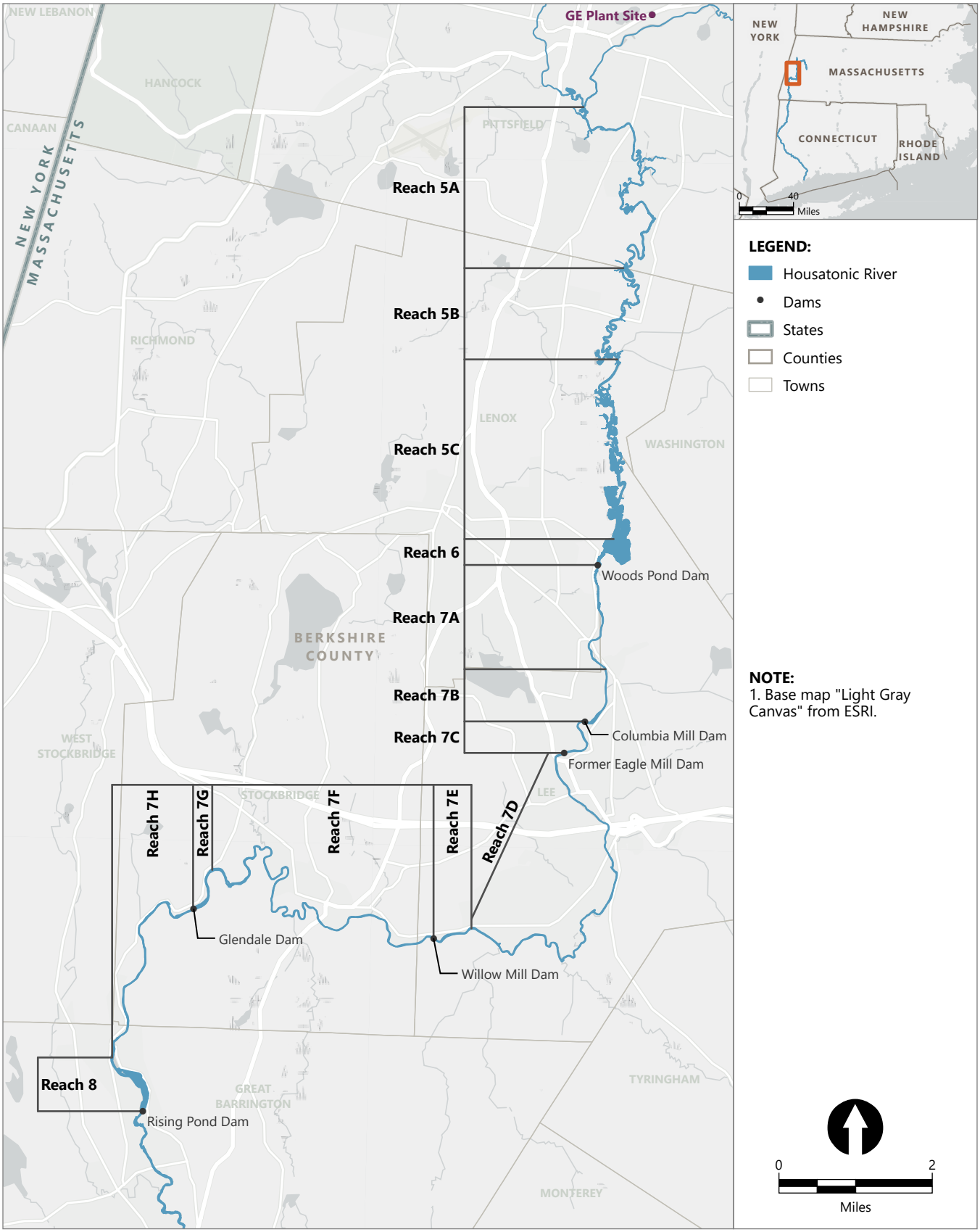
Figures



Publish Date: 2025/09/18, 9:20 AM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 1-1 Rest of River Area

ANCHOR QEA

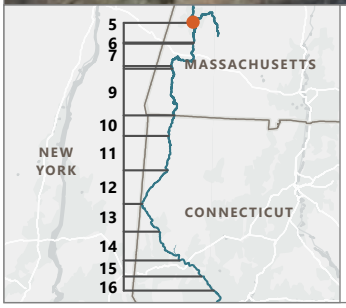
Figure 1-1
Rest of River Area
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



Publish Date: 2025/10/29, 12:29 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 1-2 Subreaches 5 and 7

ANCHOR QEA

Figure 1-2
Housatonic River Map (Subreaches within Reaches 5 through 8)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



LEGEND:

Discrete Surface Water Sample Location

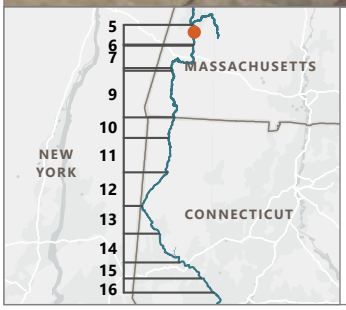
NOTE:
1. Aerial Imagery from MassGIS 2023 and University of Connecticut 2023.

0 60
Feet

Publish Date: 2025/10/29, 12:40 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-1 Surface Water Sampling

ANCHOR QEA

Figure 2-1a
Surface Water Sampling Locations (East Branch – Pomeroy Avenue)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



LEGEND:

Discrete Surface Water Sample Location

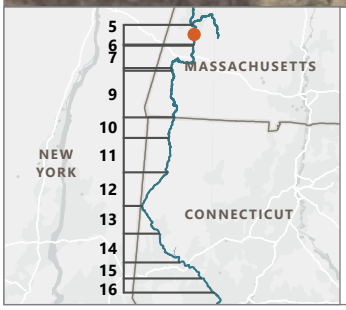
NOTE:
1. Aerial Imagery from MassGIS 2023 and University of Connecticut 2023.

0 290
Feet

Publish Date: 2025/10/29, 12:41 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-1 Surface Water Sampling

ANCHOR QEA

Figure 2-1b
Surface Water Sampling Locations (Near Pittsfield WWTP)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



LEGEND:

▲ Discrete Surface Water Sample Location

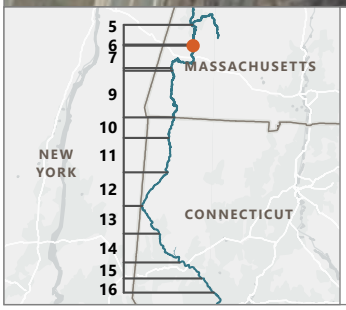
NOTE:
1. Aerial Imagery from MassGIS 2023 and University of Connecticut 2023.

0 130
Feet

Publish Date: 2025/10/29, 12:41 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-1 Surface Water Sampling

ANCHOR QEA

Figure 2-1c
Surface Water Sampling Locations (New Lenox Road Bridge)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



LEGEND:

Discrete Surface Water Sample Location

NOTE:
1. Aerial Imagery from MassGIS 2023 and University of Connecticut 2023.

0 100
Feet

Publish Date: 2025/10/29, 12:41 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-1 Surface Water Sampling

ANCHOR QEA

Figure 2-1d
Surface Water Sampling Locations (Woods Pond Dam)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River

LEGEND:

Discrete Surface Water Sample Location

NOTE:
1. Aerial Imagery from MassGIS 2023 and University of Connecticut 2023.

0 100
Feet

Publish Date: 2025/10/29, 12:41 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-1 Surface Water Sampling

ANCHOR QEA

Figure 2-1e
Surface Water Sampling Locations (Old Pleasant Street Bridge)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River

LEGEND:

▲ Discrete Surface Water Sample Location

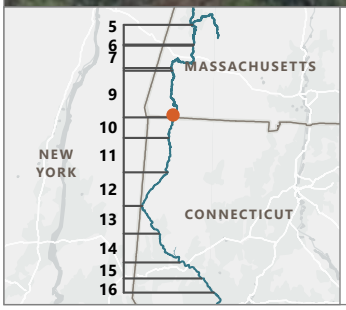
NOTE:
1. Aerial Imagery from MassGIS 2023 and University of Connecticut 2023.

0 100
Feet

Publish Date: 2025/10/29, 12:41 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-1 Surface Water Sampling

ANCHOR QEA

Figure 2-1f
Surface Water Sampling Locations (Rising Pond Dam)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



LEGEND:

Discrete Surface Water Sample Location

NOTE:
1. Aerial Imagery from MassGIS 2023 and University of Connecticut 2023.

0 100
Feet

Publish Date: 2025/10/29, 12:41 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-1 Surface Water Sampling

ANCHOR QEA

Figure 2-1g
Surface Water Sampling Locations (Rannapo Road Bridge)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River

LEGEND:

Discrete Surface Water Sample Location

NOTE:
1. Aerial Imagery from MassGIS 2023 and University of Connecticut 2023.

0 100
Feet

Publish Date: 2025/10/29, 12:41 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-1 Surface Water Sampling

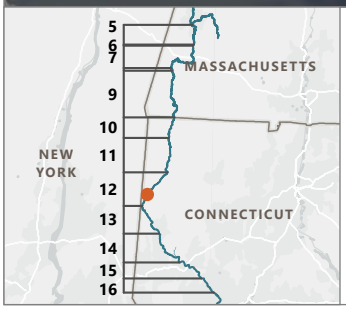
ANCHOR QEA

Figure 2-1h
Surface Water Sampling Locations (Falls Village Dam)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River

Publish Date: 2025/10/29, 12:41 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-1 Surface Water Sampling

ANCHOR QEA

Figure 2-1i
Surface Water Sampling Locations (Canaan Town Line Bridge)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



LEGEND:

▲ Discrete Surface Water Sample Location

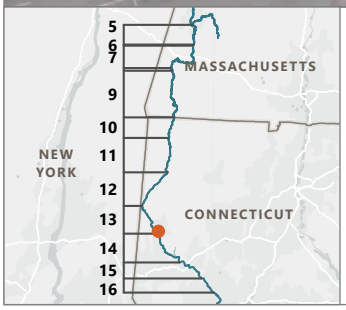
NOTE:
1. Aerial Imagery from MassGIS 2023 and University of Connecticut 2023.

0 100
Feet

Publish Date: 2025/10/29, 12:41 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-1 Surface Water Sampling

ANCHOR QEA

Figure 2-1j
Surface Water Sampling Locations (Bridge Street/Route 341 Bridge)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



LEGEND:

▲ Discrete Surface Water Sample Location

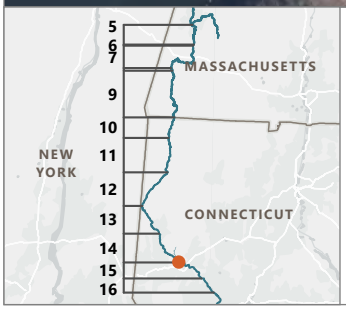
NOTE:
1. Aerial Imagery from MassGIS 2023 and University of Connecticut 2023.

0 80
Feet

Publish Date: 2025/10/29, 12:41 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-1 Surface Water Sampling

ANCHOR QEA

Figure 2-1k
Surface Water Sampling Locations (Bridge Street/Route 202 Bridge)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



LEGEND:

Discrete Surface Water Sample Location

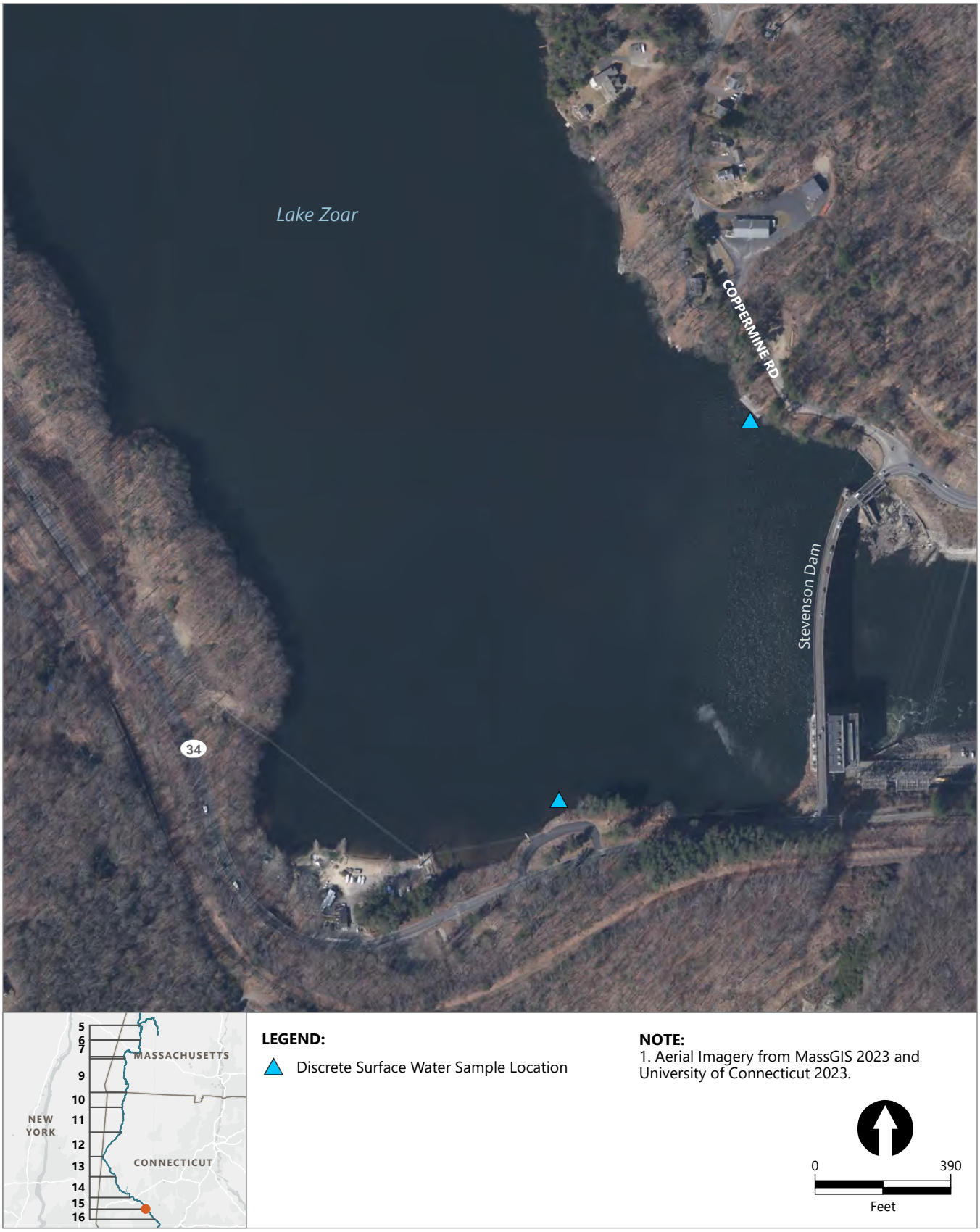
NOTE:
1. Aerial Imagery from MassGIS 2023 and University of Connecticut 2023.

0 390
Feet

Publish Date: 2025/10/29, 12:42 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-1 Surface Water Sampling

ANCHOR QEA

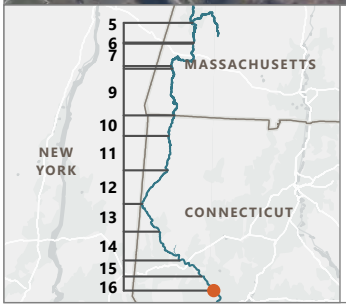
Figure 2-1l
Surface Water Sampling Locations (Lake Lillinonah – Shepaug Dam)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



Publish Date: 2025/10/29, 12:42 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-1 Surface Water Sampling

ANCHOR QEA

Figure 2-1m
Surface Water Sampling Locations (Lake Zoar – Stevenson Dam)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



LEGEND:

▲ Discrete Surface Water Sample Location

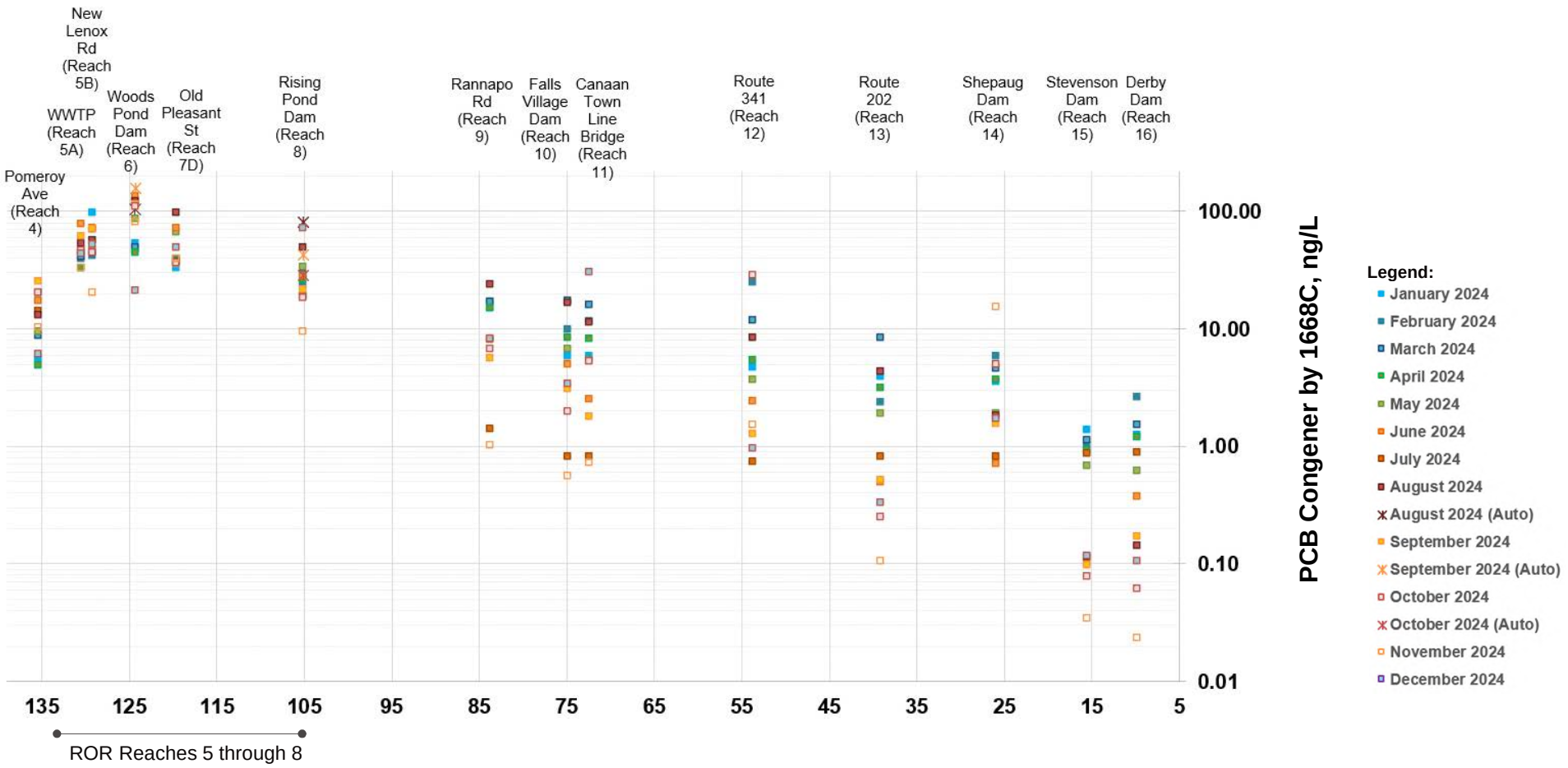
NOTE:
1. Aerial Imagery from MassGIS 2023 and University of Connecticut 2023.

0 310
Feet

Publish Date: 2025/10/29, 12:42 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-1 Surface Water Sampling

ANCHOR QEA

Figure 2-1n
Surface Water Sampling Locations (Lake Housatonic – Derby Dam)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



Notes:

1. The August, September, and October 2024 "Auto" samples were coincident manual surface water grab samples collected using automated surface water sampling stations.
2. Y-axis is in logarithmic scale, base 10.
3. Duplicate results are averaged for presentation purposes.
4. For analytes that were not detected, the value presented is half the associated reporting limit.
5. ng/L = nanogram per liter; PCB = polychlorinated biphenyl; ROR = Rest of River

HOUSATONIC RIVER – REST OF RIVER
BASELINE SURFACE WATER MONITORING PROGRAM

SURFACE WATER TOTAL PCBS BY RIVER MILE

ARCADIS

FIGURE
2-2

https://arcadisrc365.sharepoint.com/:f:/r/teams/GE_Housatonic_ROR/General_ROR/Reports%20and%20Plans/2023BMPReport?csf=1&web=1&e=fQVnJy
10/6/2025 10:48:27 AM

LEGEND:

Housatonic River

Fish Sampling Area

Community Survey (Electrofishing)

Tissue Sampling

Benthic Invertebrate Sampling Location

Tissue Only

0 640

Feet

NOTES:

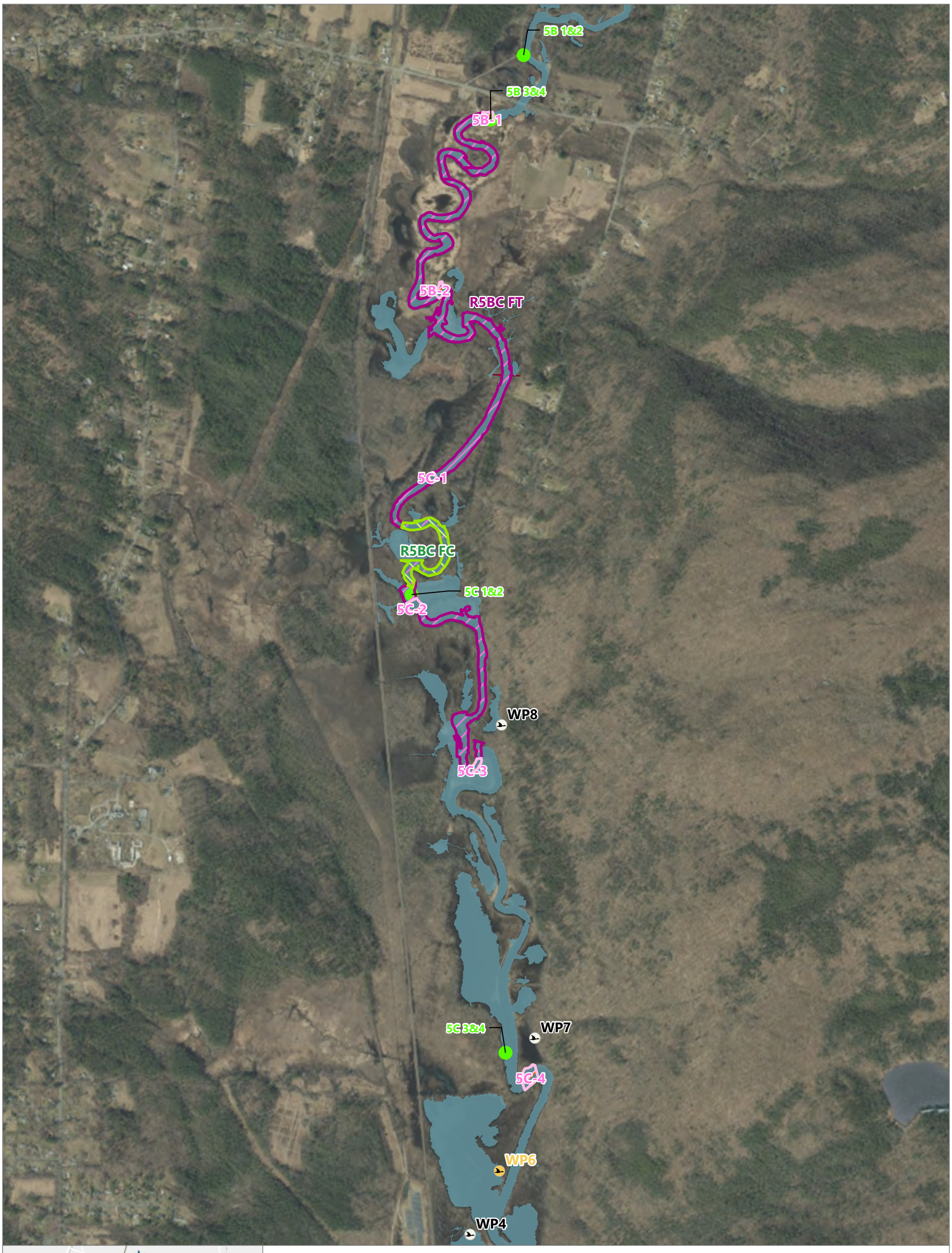
1. Aerial Imagery from MassGIS, 2023 and University of Connecticut, 2023
2. Fish Sampling Areas represent extent of survey area, actual survey locations within each sampling area varies by reach.
3. Due to low water levels and inaccessible habitats in Reach 5A in 2024, one pass of a 1,000 m reach via boat electrofishing was conducted for the fish community survey, instead of two passes of a 500 m reach, one on each shoreline, as done in 2023
4. Due to low water levels and inaccessible habitats in Reach 5A in 2024, the upstream extent of the area sampled for fish tissue samples in 2024 was reduced as compared to 2023 due to innaccessible boat passage.

Publish Date: 2025/10/29, 1:44 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-3a-n BiotaSampling2024

ANCHOR QEA

Figure 2-3a
Extents of 2024 Baseline Biota Sampling-Reach 5A

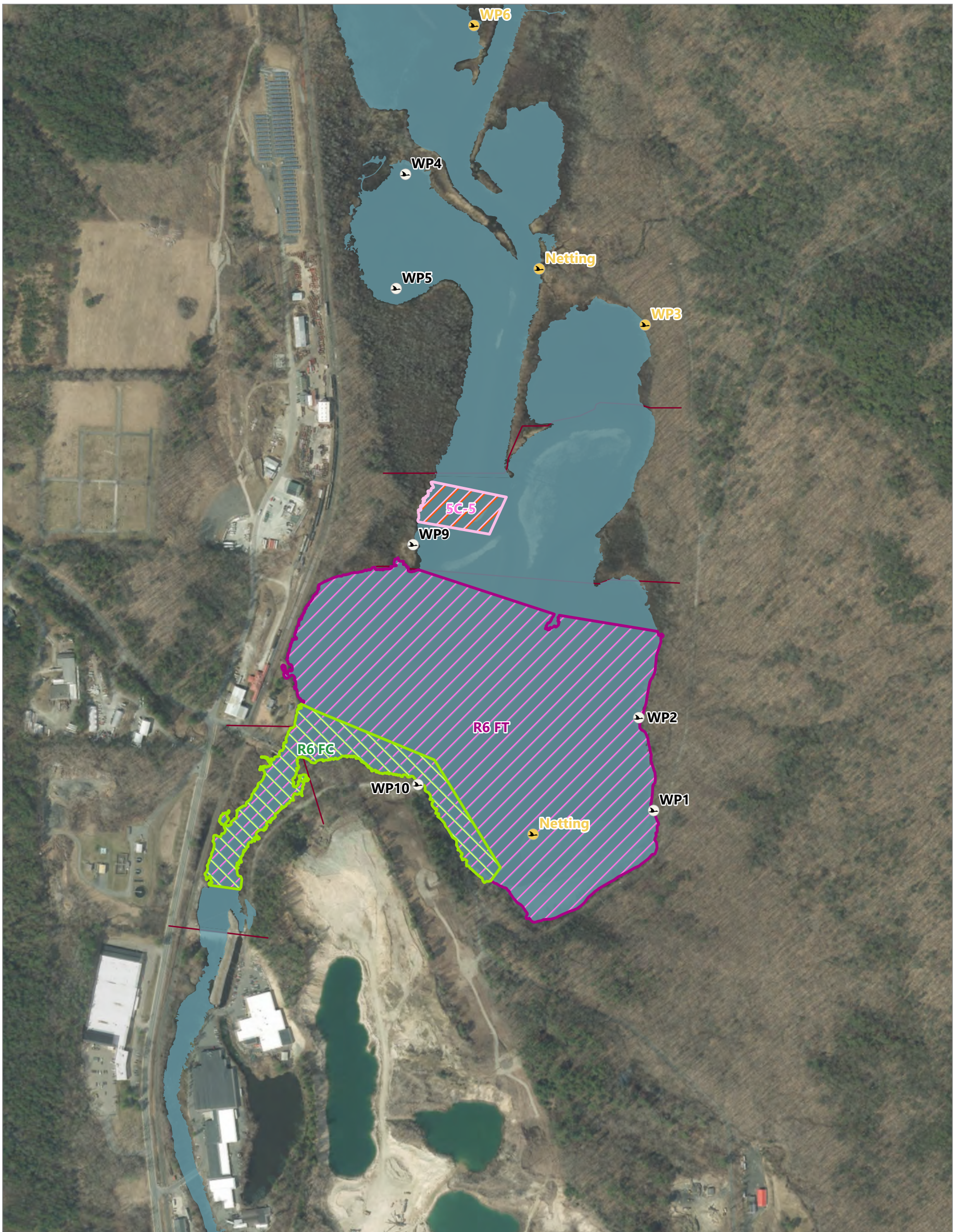
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



Publish Date: 2025/10/29, 1:45 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-3a-n BiotaSampling2024

ANCHOR QEA

Figure 2-3b
Extents of 2024 Baseline Biota Sampling-Reach 5B and 5C
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



LEGEND:

- Housatonic River

Fish Sampling Area

- Community Survey (Electrofishing)
- Tissue Sampling

Benthic Invertebrate Sampling Location

- Community and Tissue

Waterfowl Baiting/Netting Location

- Captured
- Not Captured

0 550
Feet

NOTES:
1. Aerial Imagery from MassGIS, 2023 and University of Connecticut, 2023
2. Fish Sampling Areas represent extent of survey area, actual survey locations within each sampling area varies by reach.

Publish Date: 2025/10/29, 1:45 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-3a-n BiotaSampling2024

ANCHOR QEA

Figure 2-3c
Extents of 2024 Baseline Biota Sampling-Reach 5c and 6
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River

LEGEND:

Housatonic River

Benthic Invertebrate Sampling Location

Community and Tissue

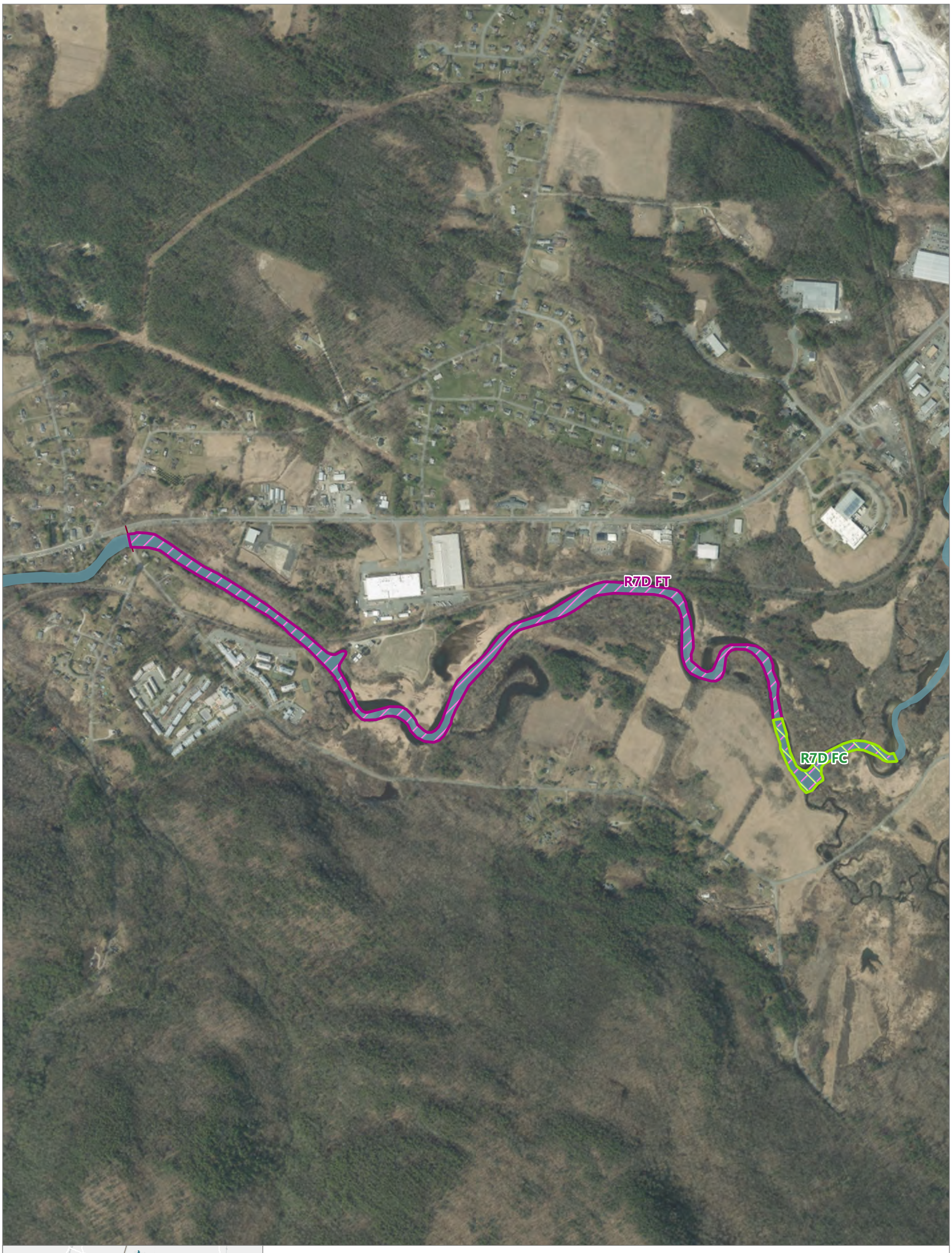
NOTES:
1. Aerial Imagery from MassGIS, 2023 and University of Connecticut, 2023
2. Fish Sampling Areas represent extent of survey area, actual survey locations within each sampling area varies by reach.

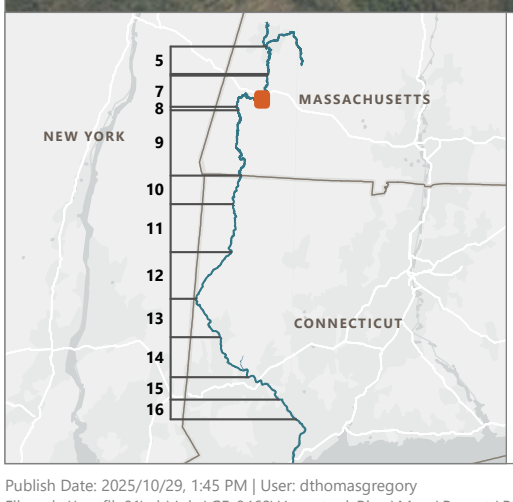
0 260
Feet

Publish Date: 2025/10/29, 1:45 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-3a-n BiotaSampling2024

ANCHOR QEA

Figure 2-3d
Extents of 2024 Baseline Biota Sampling-Reach 7D
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River





LEGEND:

Housatonic River

Fish Sampling Area

Community Survey (Electrofishing)

Tissue Sampling

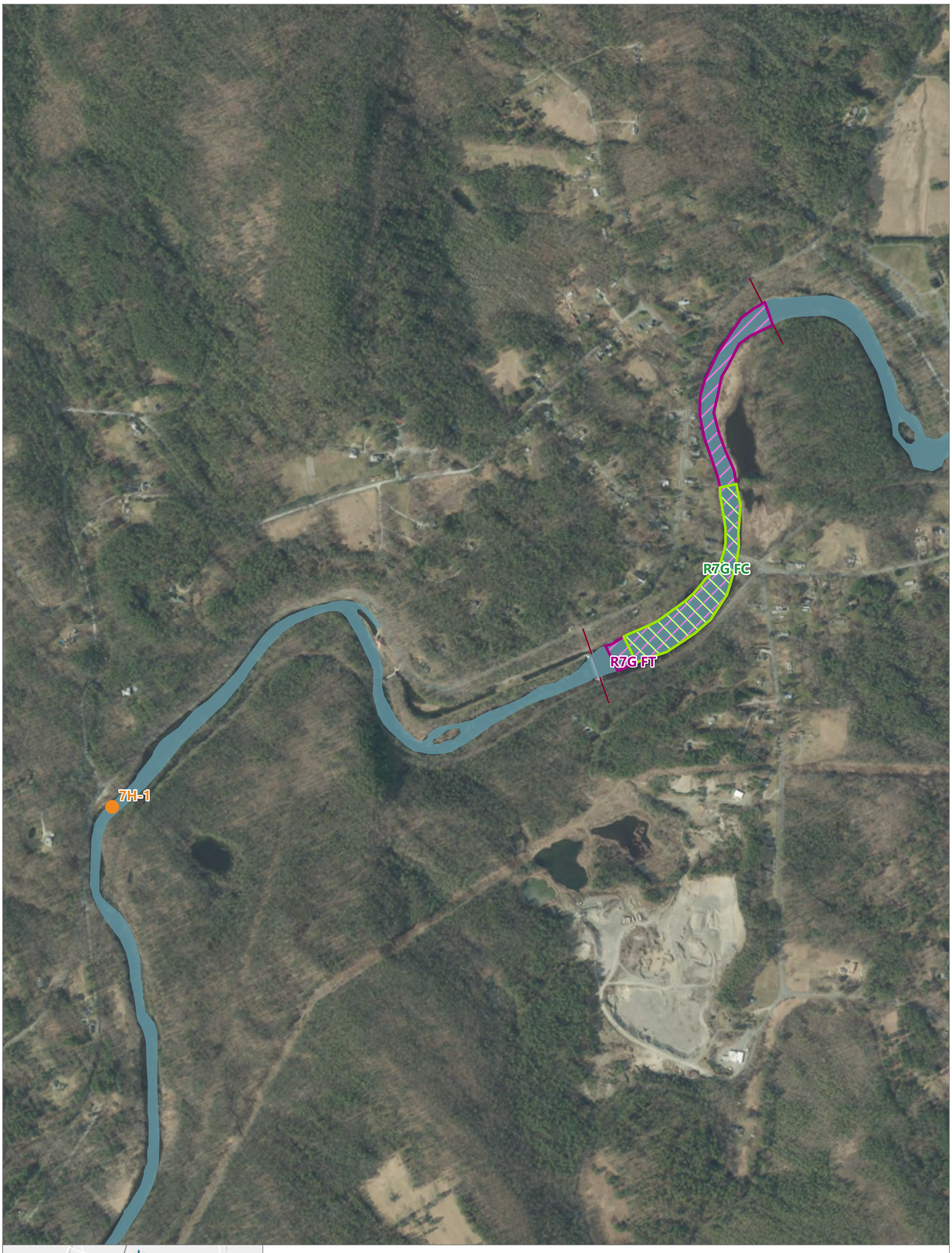
NOTES:
1. Aerial Imagery from MassGIS, 2023 and University of Connecticut, 2023
2. Fish Sampling Areas represent extent of survey area, actual survey locations within each sampling area varies by reach.

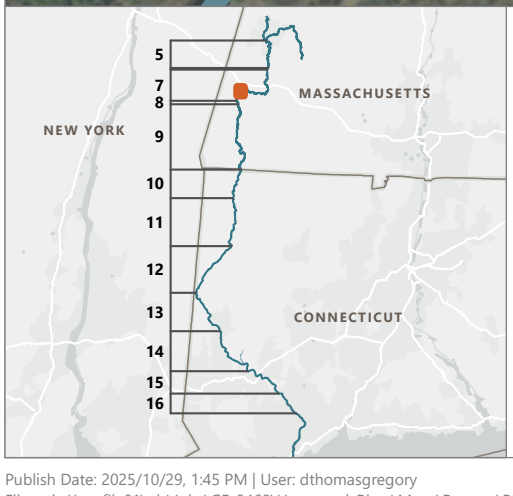
0 1,000
Feet

Publish Date: 2025/10/29, 1:45 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-3a-n BiotaSampling2024

ANCHOR QEA

Figure 2-3e
Extents of 2024 Baseline Biota Sampling-Reach 7D
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River





LEGEND:

Housatonic River

Fish Sampling Area

Community Survey (Electrofishing)

Tissue Sampling

Benthic Invertebrate Sampling Location

Tissue Only

0 820

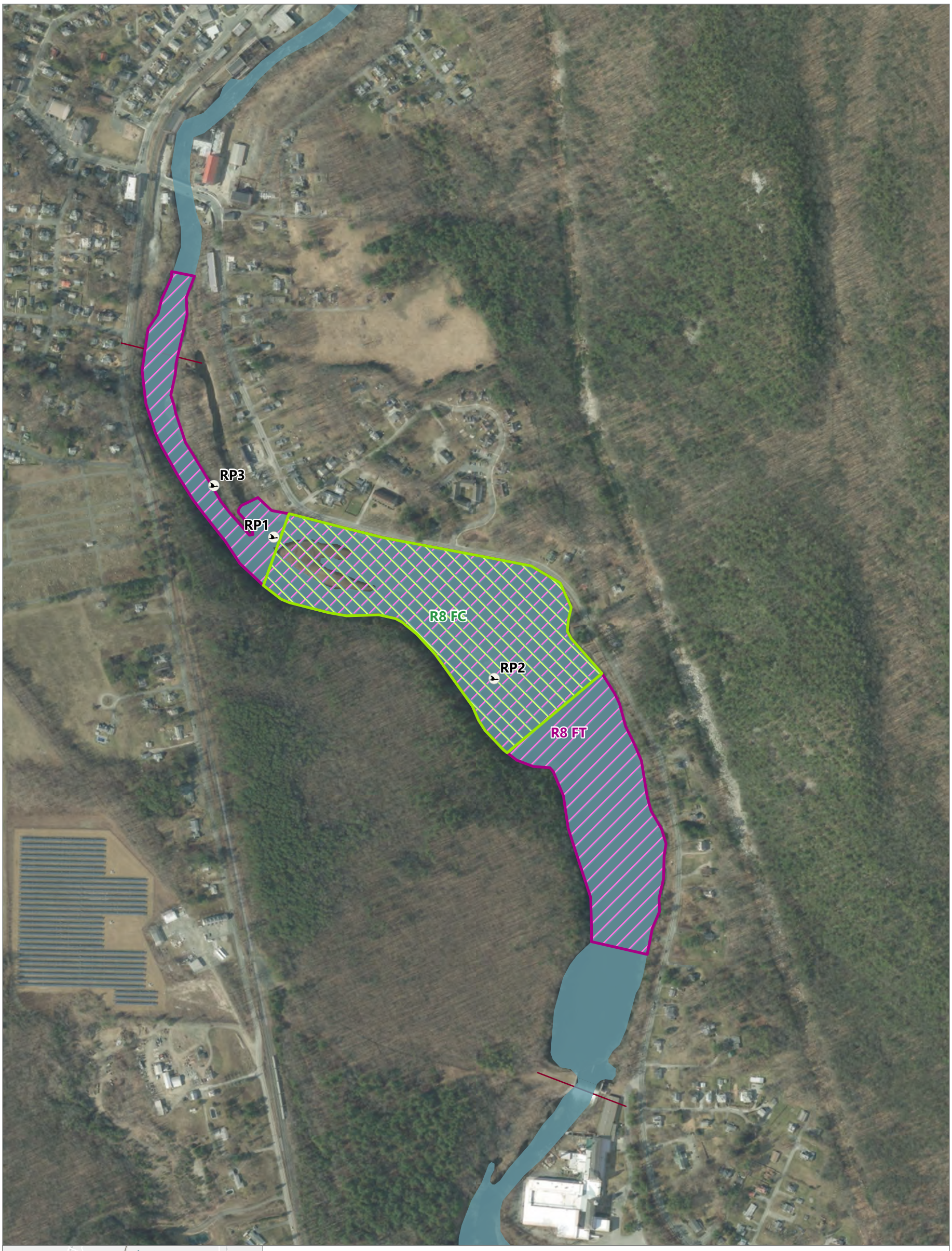
Feet

NOTES:
1. Aerial Imagery from MassGIS, 2023 and University of Connecticut, 2023
2. Fish Sampling Areas represent extent of survey area, actual survey locations within each sampling area varies by reach.

Publish Date: 2025/10/29, 1:45 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-3a-n BiotaSampling2024

ANCHOR QEA

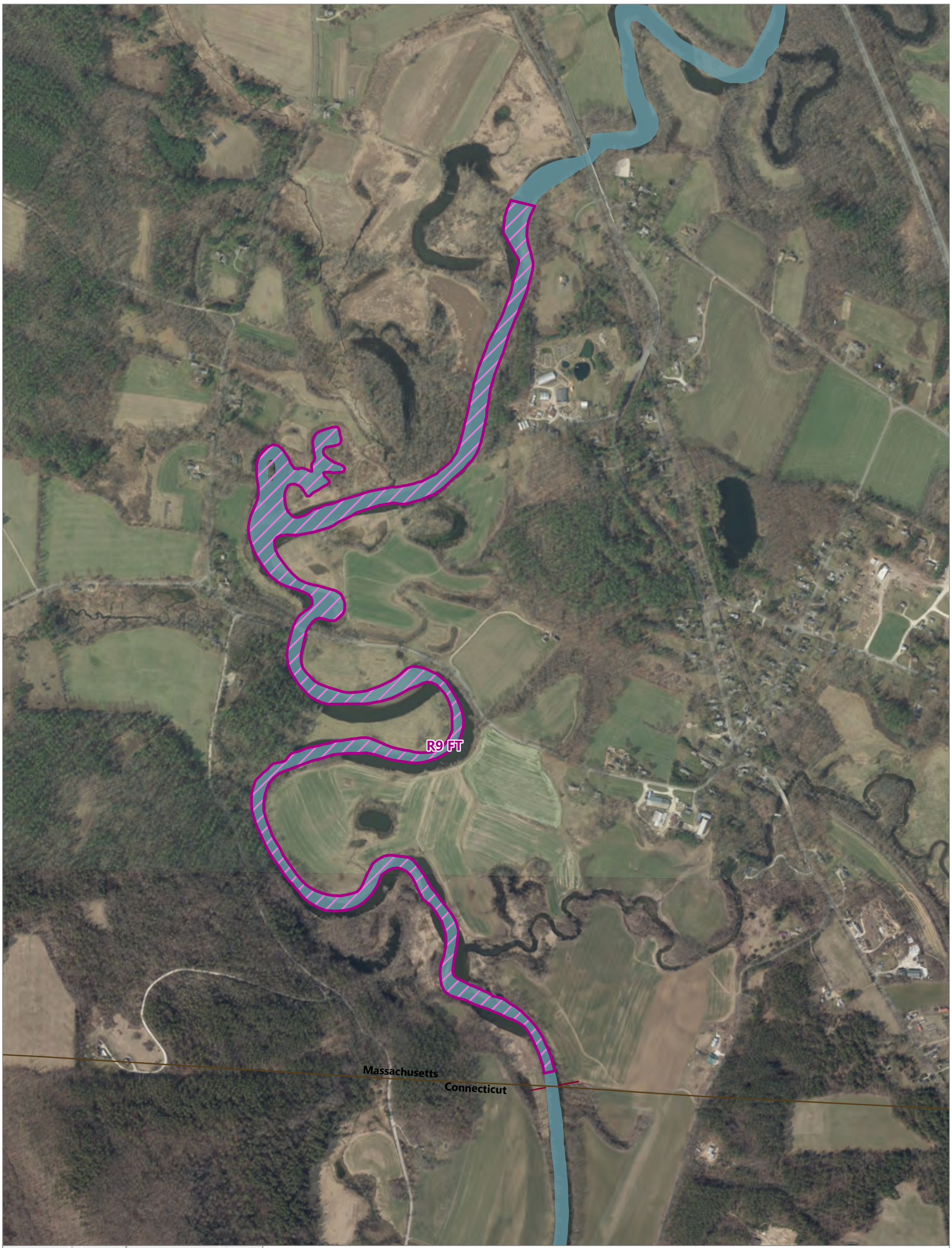
Figure 2-3f
Extents of 2024 Baseline Biota Sampling-Reach 7G and 7H
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



Publish Date: 2025/10/29, 1:45 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-3a-n BiotaSampling2024

ANCHOR QEA

Figure 2-3g
Extents of 2024 Baseline Biota Sampling-Reach 8
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



LEGEND:

Housatonic River

Fish Sampling Area

Tissue Sampling

NOTES:
1. Aerial Imagery from MassGIS, 2023 and University of Connecticut, 2023
2. Fish Sampling Areas represent extent of survey area, actual survey locations within each sampling area varies by reach.
3. Community Survey Sampling was not performed in Reach 9

0 920
Feet

Publish Date: 2025/10/29, 1:46 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-3a-n BiotaSampling2024

ANCHOR QEA

Figure 2-3h
Extents of 2024 Baseline Biota Sampling-Reach 9
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River

R10 FT

R11 FT

LEGEND:

Housatonic River

Fish Sampling Area

Tissue Sampling

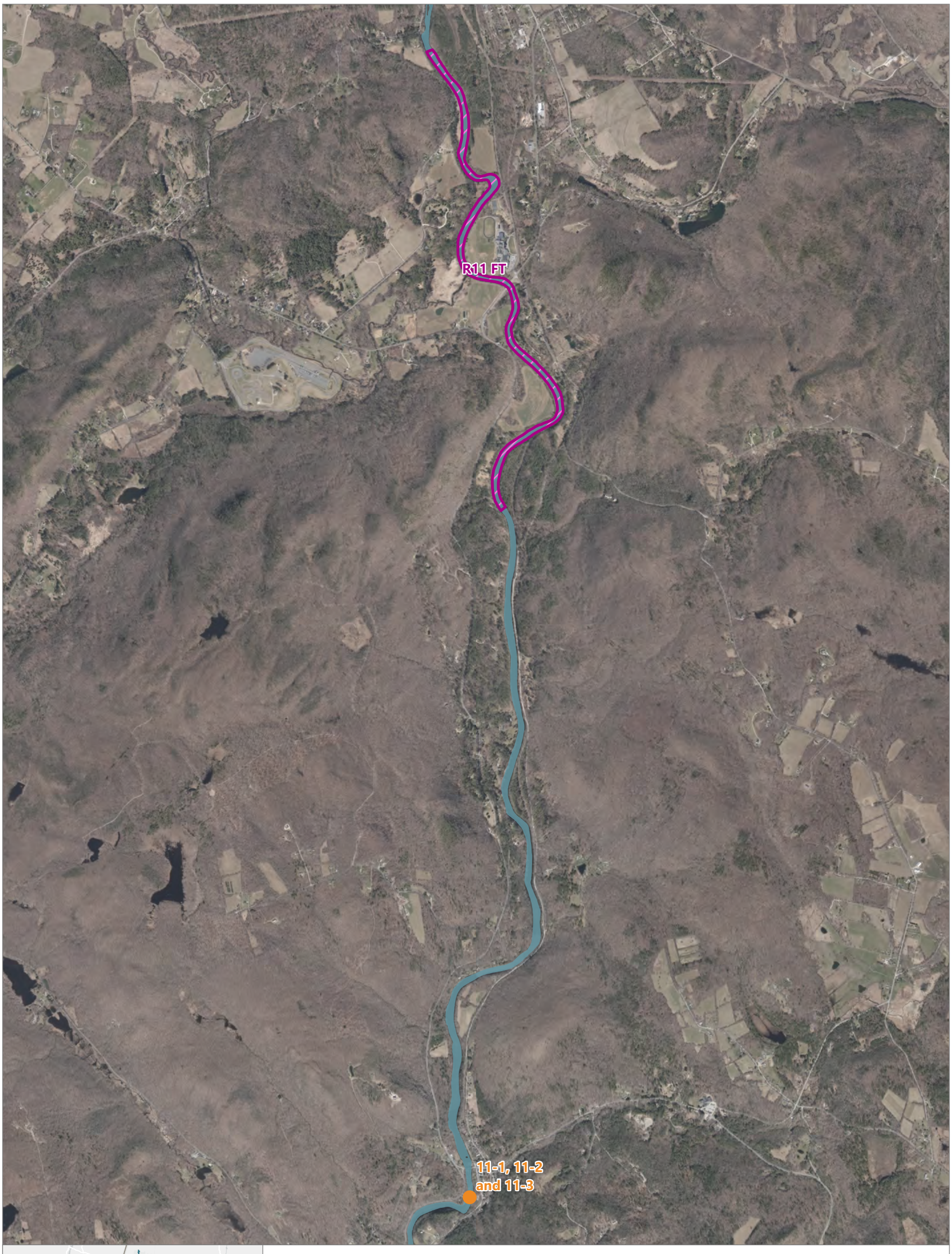
NOTES:
1. Aerial Imagery from MassGIS, 2023 and University of Connecticut, 2023
2. Fish Sampling Areas represent extent of survey area, actual survey locations within each sampling area varies by reach.
3. Community Survey Sampling was not performed in Reach 10

0 1,060
Feet

Publish Date: 2025/10/29, 1:46 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-3a-n BiotaSampling2024

ANCHOR QEA

Figure 2-3i
Extents of 2024 Baseline Biota Sampling-Reach 10
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



LEGEND:

Housatonic River

Fish Sampling Area

Tissue Sampling

Benthic Invertebrate Sampling Location

Tissue Only

0 2,000

Feet

NOTES:

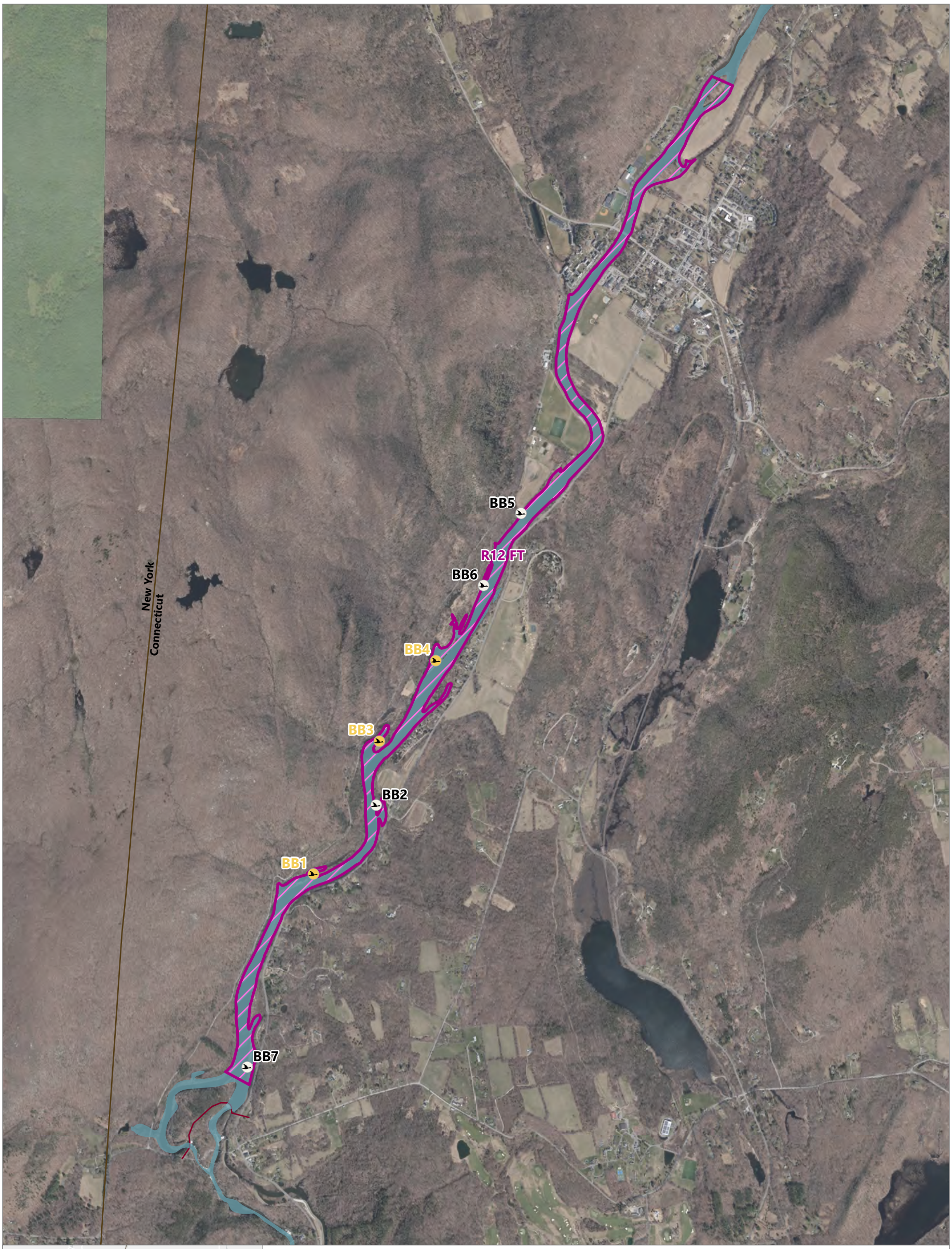
1. Aerial Imagery from MassGIS, 2023 and University of Connecticut, 2023
2. Fish Sampling Areas represent extent of survey area, actual survey locations within each sampling area varies by reach.
3. Community Survey Sampling was not performed in Reach 11

Publish Date: 2025/10/29, 1:46 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-3a-n BiotaSampling2024

ANCHOR QEA

Figure 2-3j
Extents of 2024 Baseline Biota Sampling-Reach 11

Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



LEGEND:

Housatonic River

Fish Sampling Area

Tissue Sampling

Waterfowl Baiting/Netting Location

Captured

Not Captured

NOTES:

1. Aerial Imagery from MassGIS, 2023 and University of Connecticut, 2023
2. Fish Sampling Areas represent extent of survey area, actual survey locations within each sampling area varies by reach.
3. Community Survey Sampling was not performed in Reach 12

0 2,000

Feet

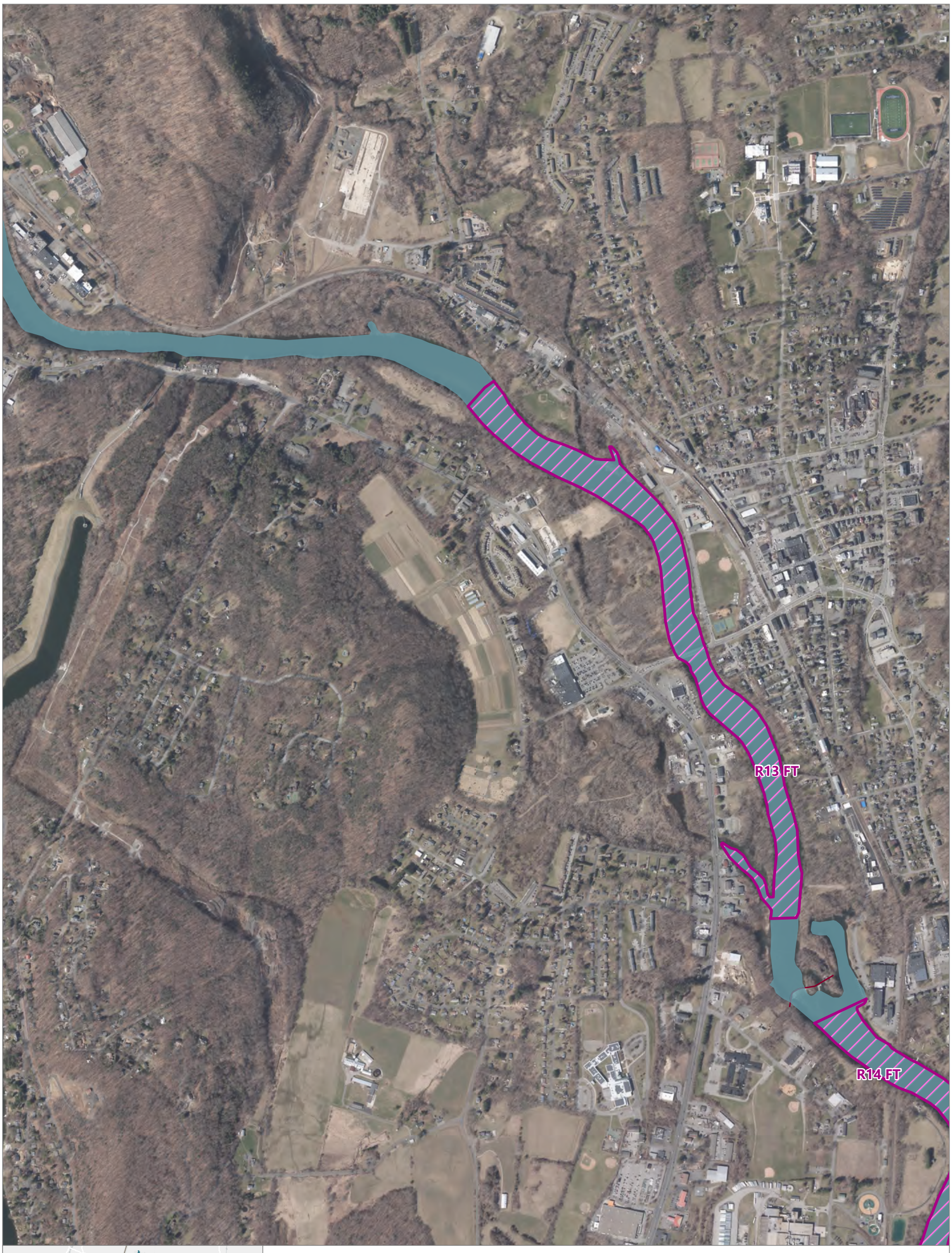
Publish Date: 2025/10/29, 1:47 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-3a-n BiotaSampling2024

ANCHOR QEA

Figure 2-3k

Extents of 2024 Baseline Biota Sampling-Reach 12

Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



LEGEND:

Housatonic River

Fish Sampling Area

Tissue Sampling

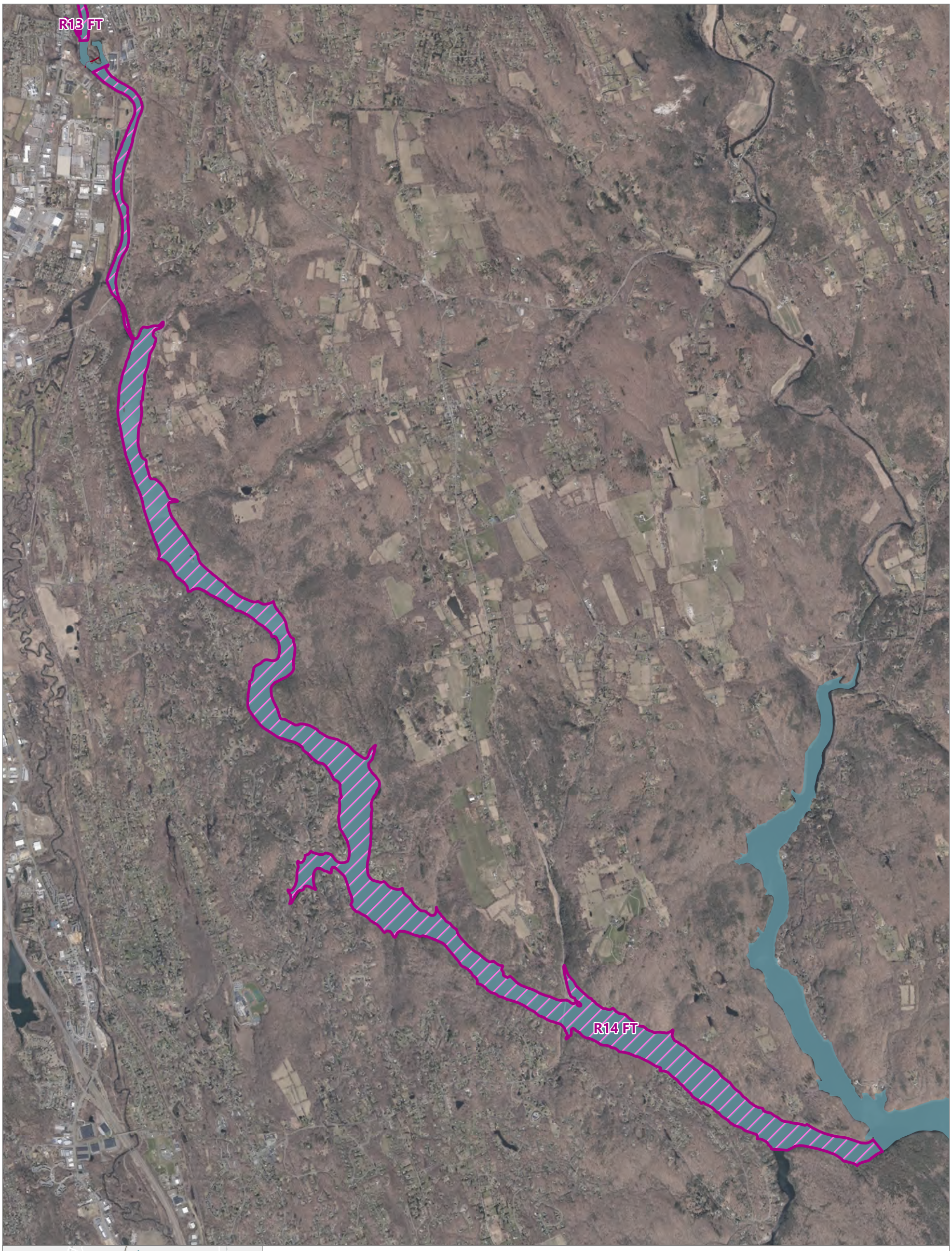
NOTES:
1. Aerial Imagery from MassGIS, 2023 and University of Connecticut, 2023
2. Fish Sampling Areas represent extent of survey area, actual survey locations within each sampling area varies by reach.
3. Community Survey Sampling was not performed in Reach 13

0 1,060
Feet

Publish Date: 2025/10/29, 1:47 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-3a-n BiotaSampling2024

ANCHOR QEA

Figure 2-3l
Extents of 2024 Baseline Biota Sampling-Reach 13
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



LEGEND:

Housatonic River

Fish Sampling Area

Tissue Sampling

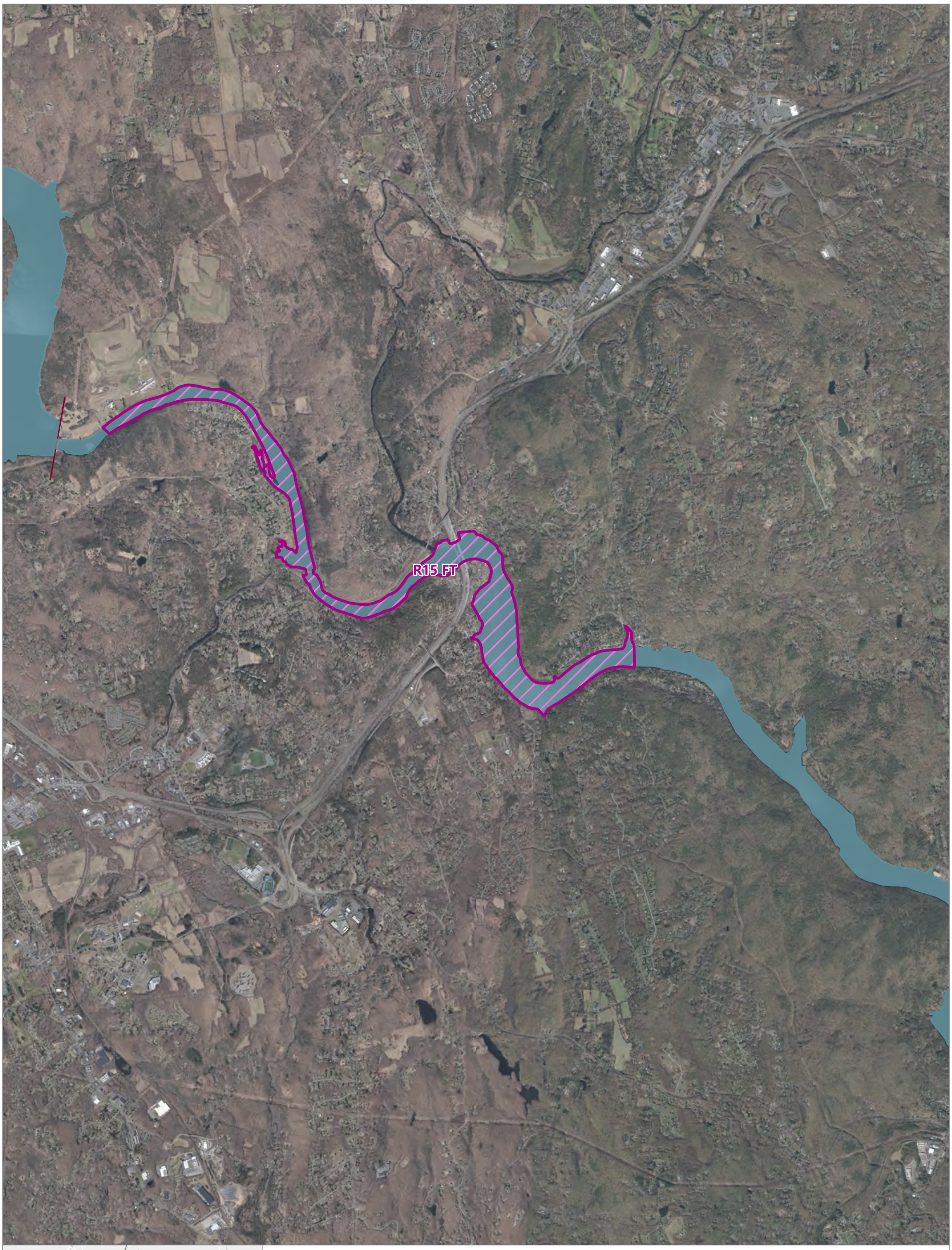
NOTES:
1. Aerial Imagery from MassGIS, 2023 and University of Connecticut, 2023
2. Fish Sampling Areas represent extent of survey area, actual survey locations within each sampling area varies by reach.
3. Community Survey Sampling was not performed in Reach 14

0 2,000
Feet

Publish Date: 2025/10/29, 1:47 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-3a-n BiotaSampling2024

ANCHOR QEA

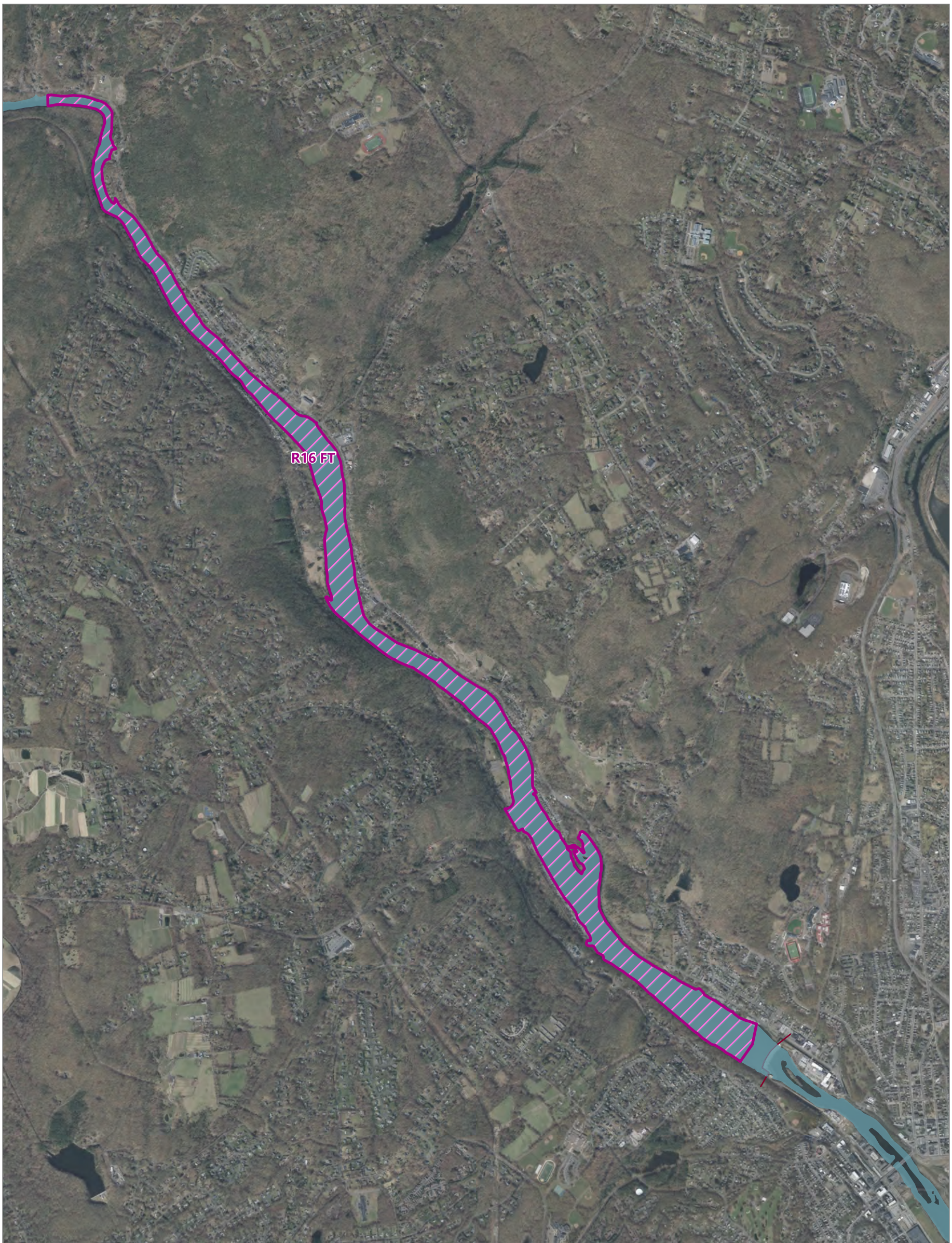
Figure 2-3m
Extents of 2024 Baseline Biota Sampling-Reach 14
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



Publish Date: 2025/10/29, 1:48 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-3a-n BiotaSampling2024

ANCHOR QEA

Figure 2-3n
Extents of 2024 Baseline Biota Sampling-Reach 15
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



LEGEND:

Housatonic River

Fish Sampling Area

Tissue Sampling

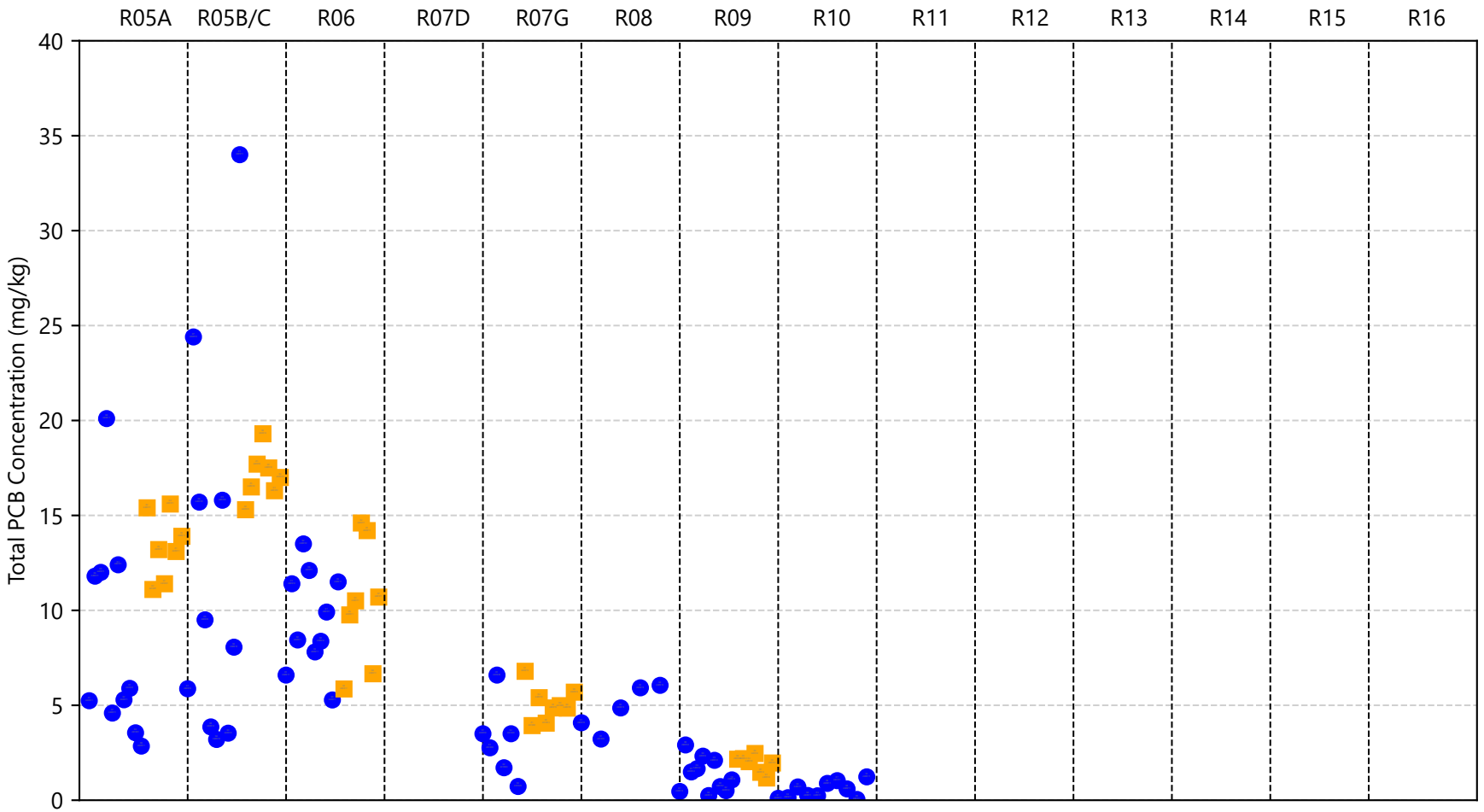
NOTES:
1. Aerial Imagery from MassGIS, 2023 and University of Connecticut, 2023
2. Fish Sampling Areas represent extent of survey area, actual survey locations within each sampling area varies by reach.
3. Community Survey Sampling was not performed in Reach 16

0 2,000
Feet

Publish Date: 2025/10/29, 1:48 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-3a-n BiotaSampling2024

ANCHOR QEA

Figure 2-3o
Extents of 2024 Baseline Biota Sampling-Reach 16
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



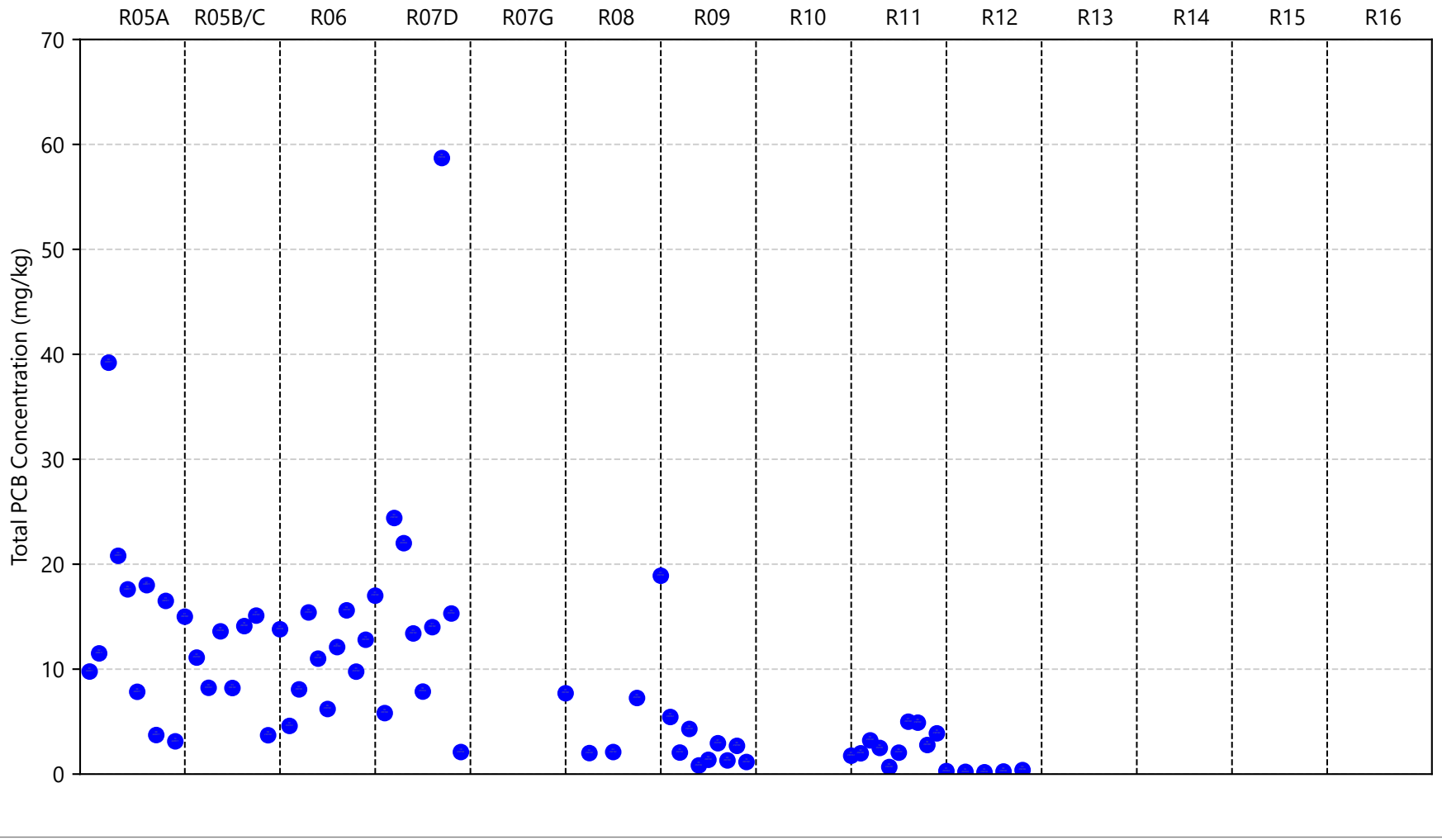
Total fish analyzed: 97 (Adults – 61, Young-of-Year – 36)
Adult fish samples are analyzed as fillets (with skin off).
Young-of-Year fish samples are analyzed as whole-body composites.

Adults
Young-of-Year

Publish Date: 10/31/2025 12:57 PM | User: SEA-AMEU
\\wcl-fs1\Amesbury\Projects\General_Electric\Housatonic_River_()\Analysis\BMP_Fish\Python\Figure_DSR_HR_BMP_Fish_TPCB.py

ANCHOR QEA

Figure 2-4a
Fish Aroclor Total PCB Concentrations by Reach: Largemouth Bass
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River - Rest of River



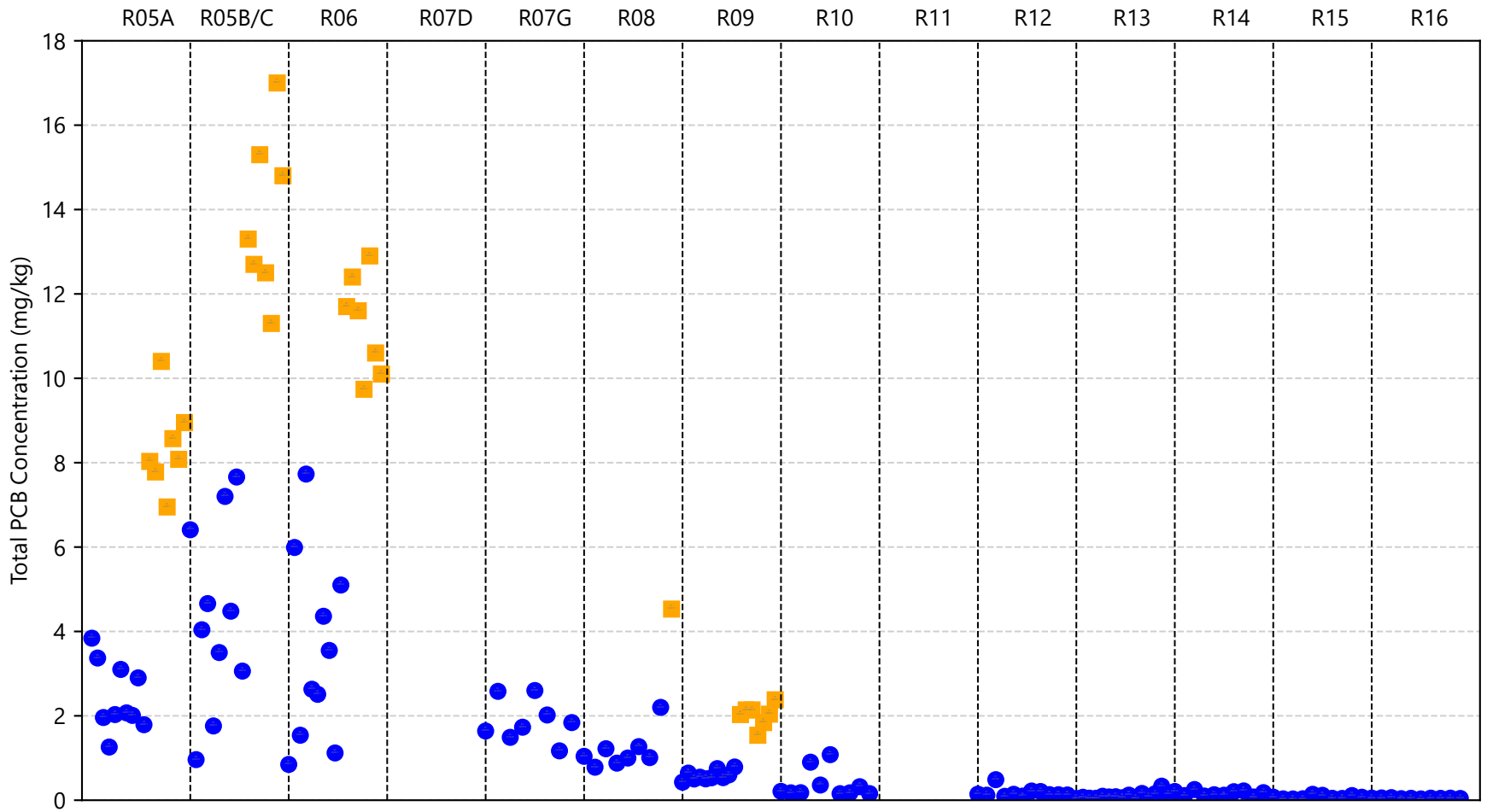
Total fish analyzed: 67 (Adults – 67, Young-of-Year – 0)
Adult fish samples are analyzed as fillets (with skin off).
Young-of-Year fish samples are analyzed as whole-body composites.

Adults
Young-of-Year

Publish Date: 10/31/2025 12:57 PM | User: SEA-AMEU
\\wcl-fs1\Amesbury\Projects\General_Electric\Housatonic_River_()\Analysis\BMP_Fish\Python\Figure_DSR_HR_BMP_Fish_TPCB.py

ANCHOR QEA

Figure 2-4b
Fish Aroclor Total PCB Concentrations by Reach: White Sucker
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River - Rest of River

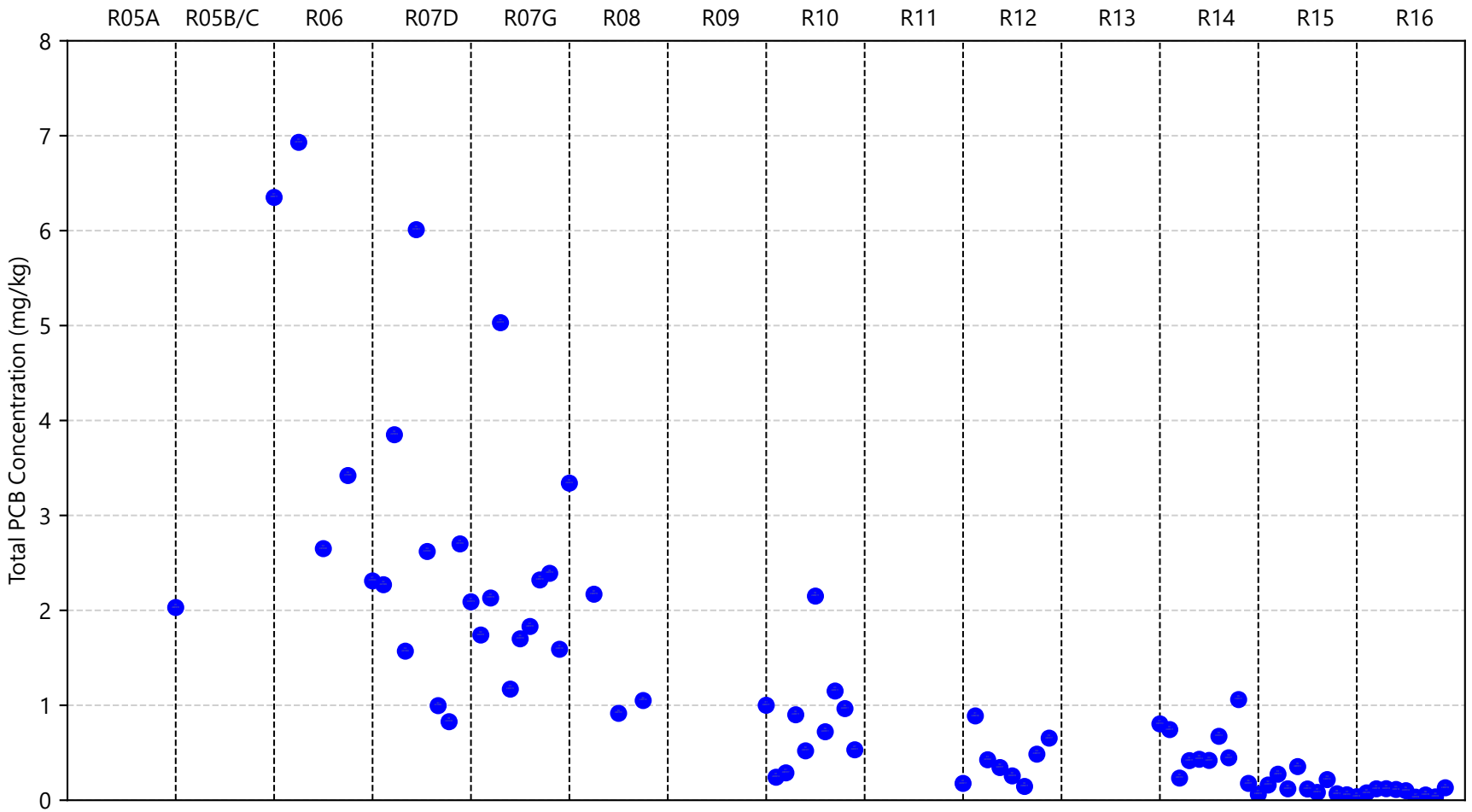


Total fish analyzed: 151 (Adults – 122, Young-of-Year – 29)
Adult fish samples are analyzed as fillets (with skin off).
Young-of-Year fish samples are analyzed as whole-body composites.

Publish Date: 10/31/2025 12:57 PM | User: SEA-AMEU
\\wcl-fs1\Amesbury\Projects\General_Electric\Housatonic_River_()\Analysis\BMP_Fish\Python\Figure_DSR_HR_BMP_Fish_TPCB.py

ANCHOR QEA

Figure 2-4c
Fish Aroclor Total PCB Concentrations by Reach: Yellow Perch
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River - Rest of River



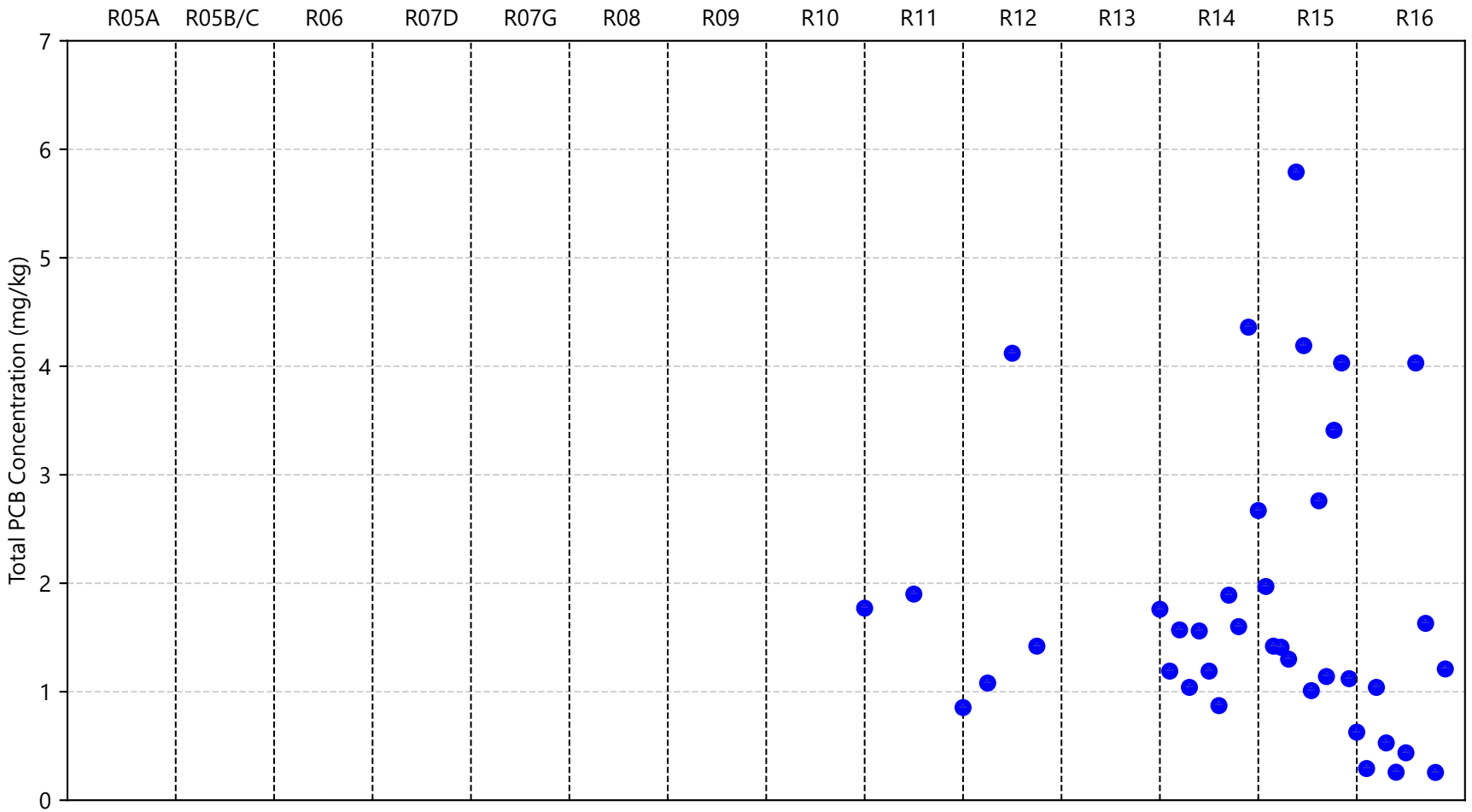
Total fish analyzed: 76 (Adults – 76, Young-of-Year – 0)
Adult fish samples are analyzed as fillets (with skin off).
Young-of-Year fish samples are analyzed as whole-body composites.

Adults
Young-of-Year

Publish Date: 10/31/2025 12:57 PM | User: SEA-AMEU
\\wcl-fs1\Amesbury\Projects\General_Electric\Housatonic_River_()\Analysis\BMP_Fish\Python\Figure_DSR_HR_BMP_Fish_TPCB.py

ANCHOR QEA

Figure 2-4d
Fish Aroclor Total PCB Concentrations by Reach: Brown Bullhead
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River - Rest of River



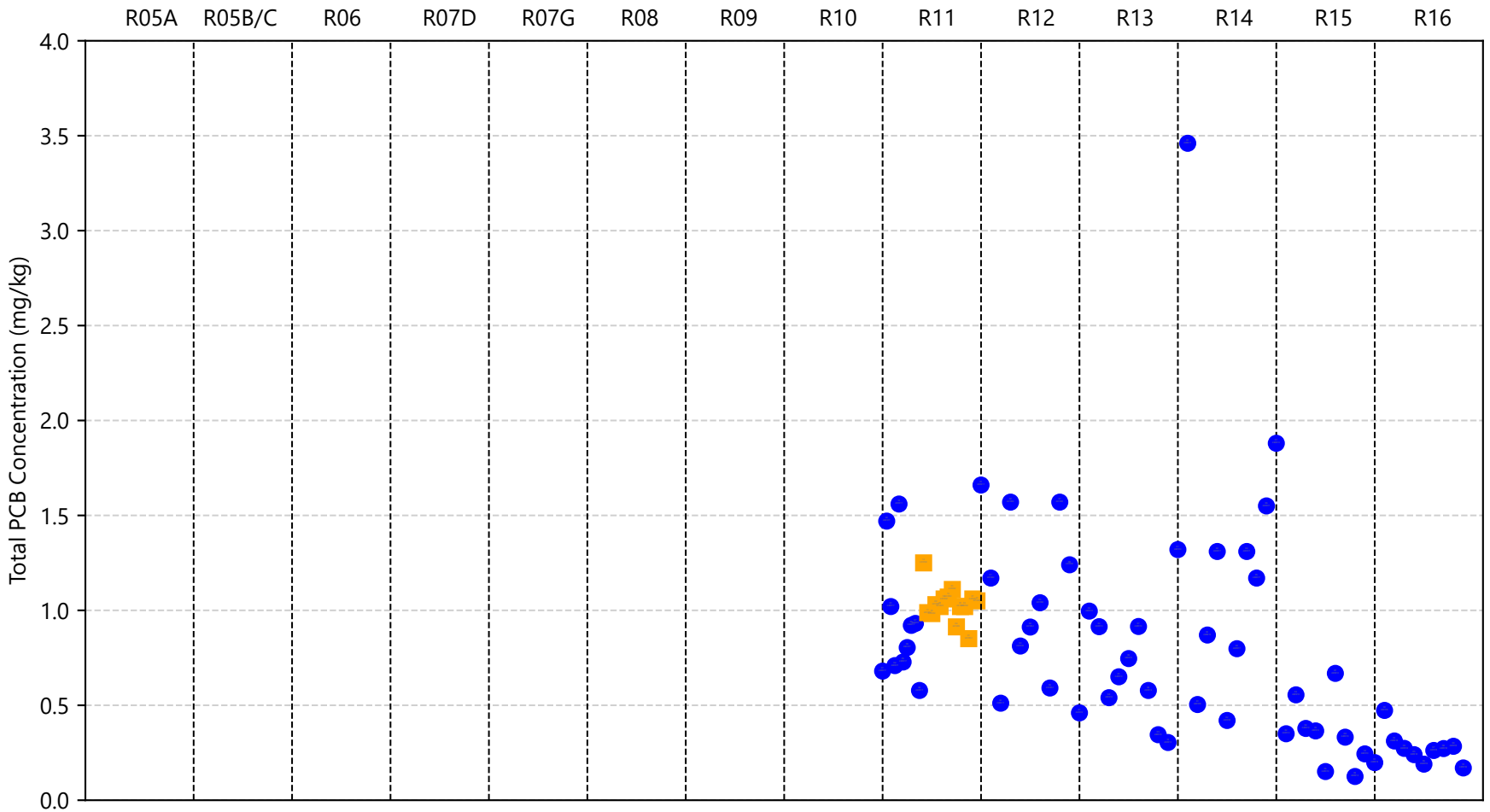
Total fish analyzed: 39 (Adults – 39, Young-of-Year – 0)
Adult fish samples are analyzed as fillets (with skin off).
Young-of-Year fish samples are analyzed as whole-body composites.

Adults
Young-of-Year

Publish Date: 10/31/2025 12:57 PM | User: SEA-AMEU
\\wcl-fs1\Amesbury\Projects\General_Electric\Housatonic_River_()\Analysis\BMP_Fish\Python\Figure_DSR_HR_BMP_Fish_TPCB.py

ANCHOR QEA

Figure 2-4e
Fish Aroclor Total PCB Concentrations by Reach: Northern Pike
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River - Rest of River



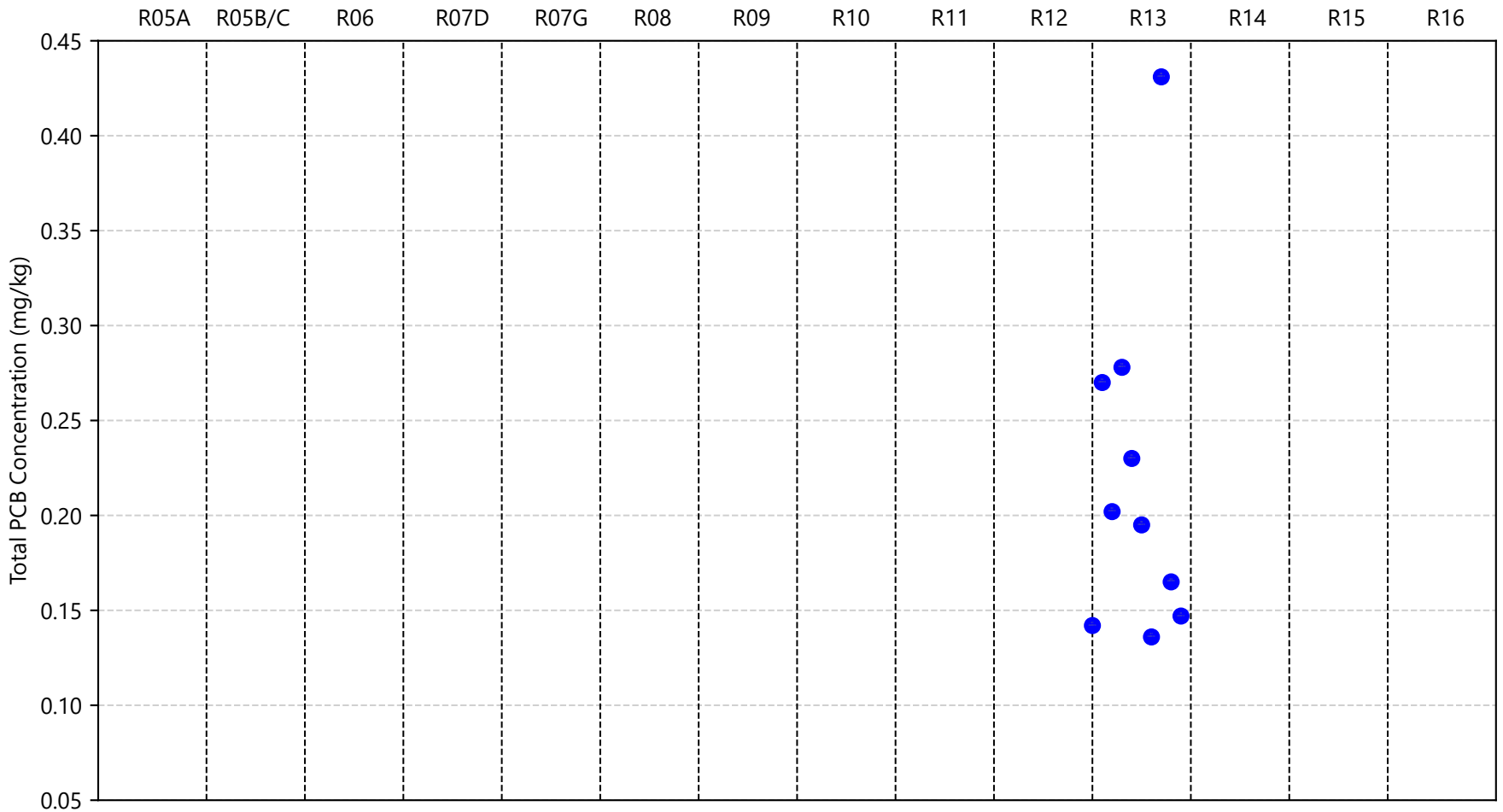
Total fish analyzed: 74 (Adults – 60, Young-of-Year – 14)
Adult fish samples are analyzed as fillets (with skin off).
Young-of-Year fish samples are analyzed as whole-body composites.

Adults
Young-of-Year

Publish Date: 10/31/2025 12:57 PM | User: SEA-AMEU
\\wcl-fs1\Amesbury\Projects\General_Electric\Housatonic_River_()\Analysis\BMP_Fish\Python\Figure_DSR_HR_BMP_Fish_TPCB.py

ANCHOR QEA

Figure 2-4f
Fish Aroclor Total PCB Concentrations by Reach: Smallmouth Bass
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River - Rest of River



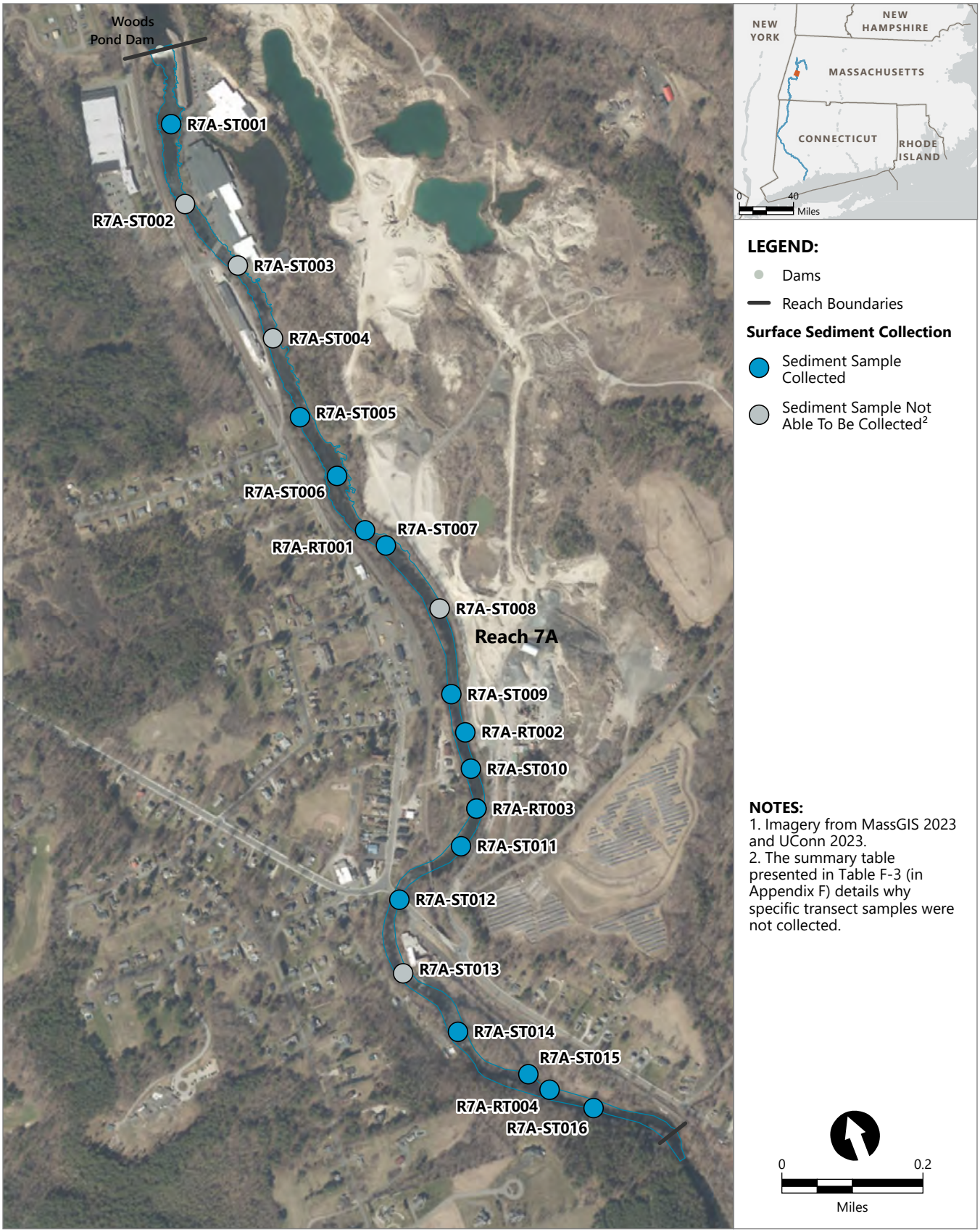
Total fish analyzed: 10 (Adults – 10, Young-of-Year – 0)
Adult fish samples are analyzed as fillets (with skin off).
Young-of-Year fish samples are analyzed as whole-body composites.

Adults
Young-of-Year

Publish Date: 10/31/2025 12:57 PM | User: SEA-AMEU
\\wcl-fs1\Amesbury\Projects\General_Electric\Housatonic_River_()\Analysis\BMP_Fish\Python\Figure_DSR_HR_BMP_Fish_TPCB.py

ANCHOR QEA

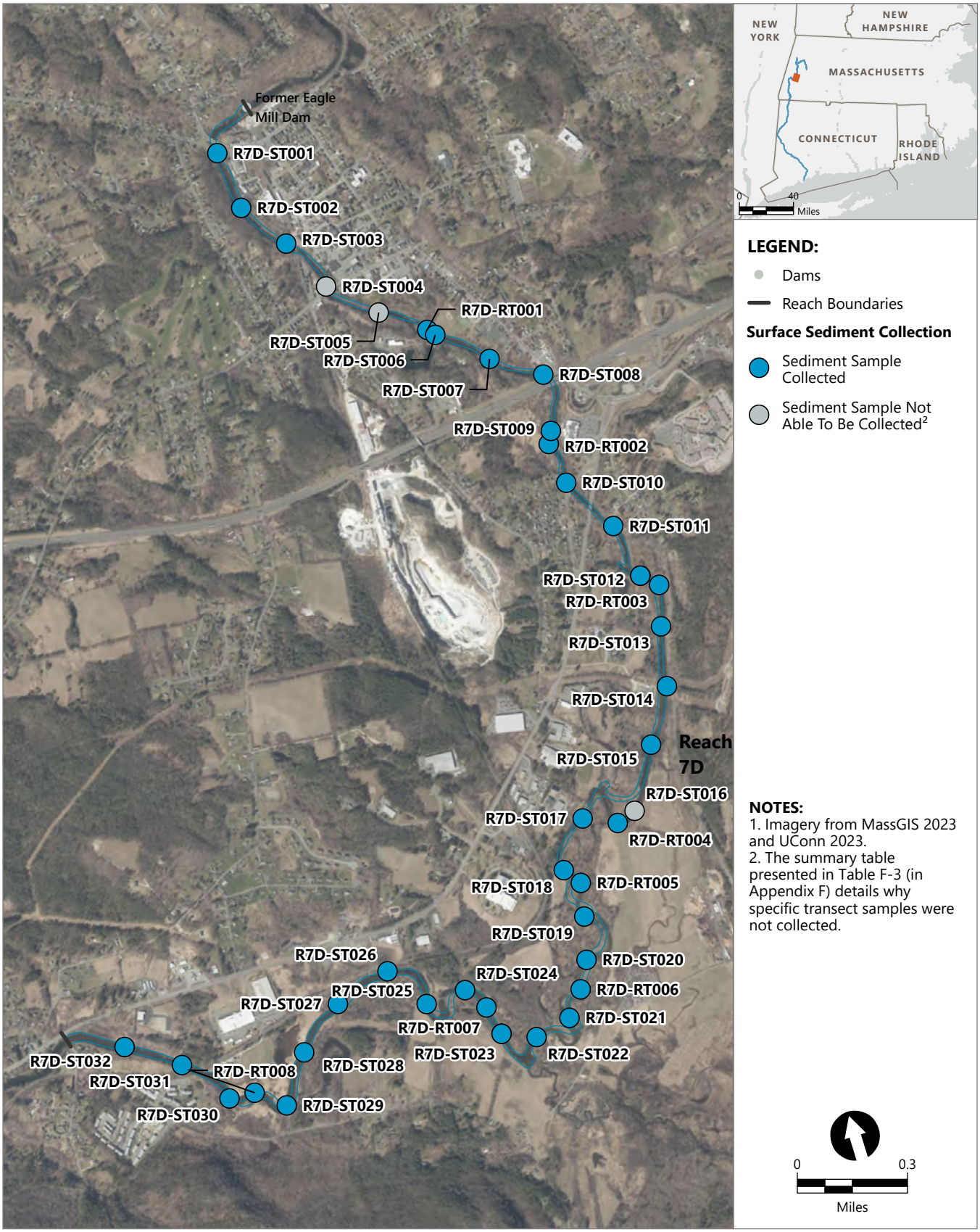
Figure 2-4g
Fish Aroclor Total PCB Concentrations by Reach: Fallfish
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River - Rest of River



Publish Date: 2025/10/17, 5:41 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-5a-o Surface Sediment Collection

ANCHOR QEA

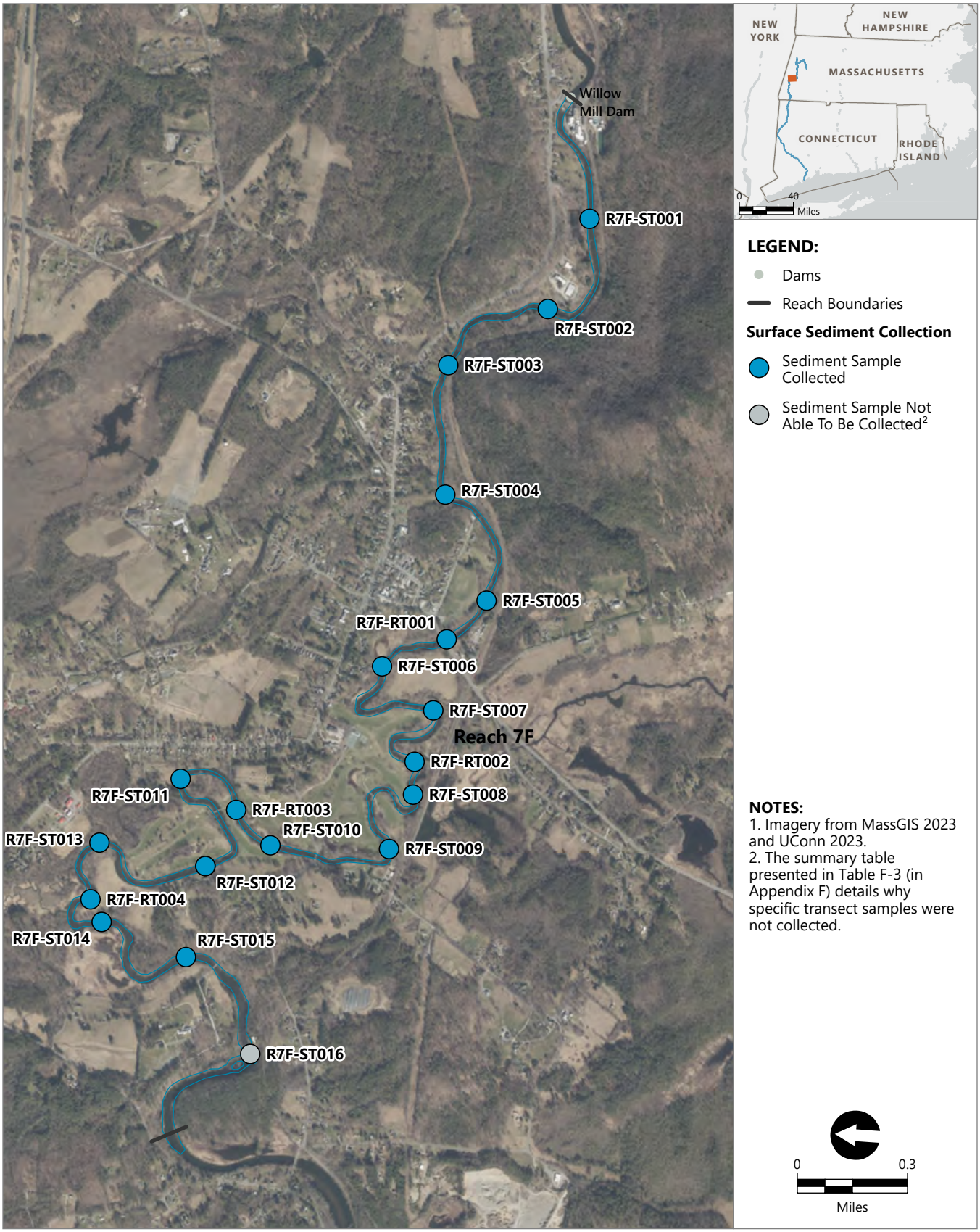
Figure 2-5a
Extents of 2024 Surface Sediment Collection (Reach 7A)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



Publish Date: 2025/10/17, 5:41 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-5a-o Surface Sediment Collection

ANCHOR QEA

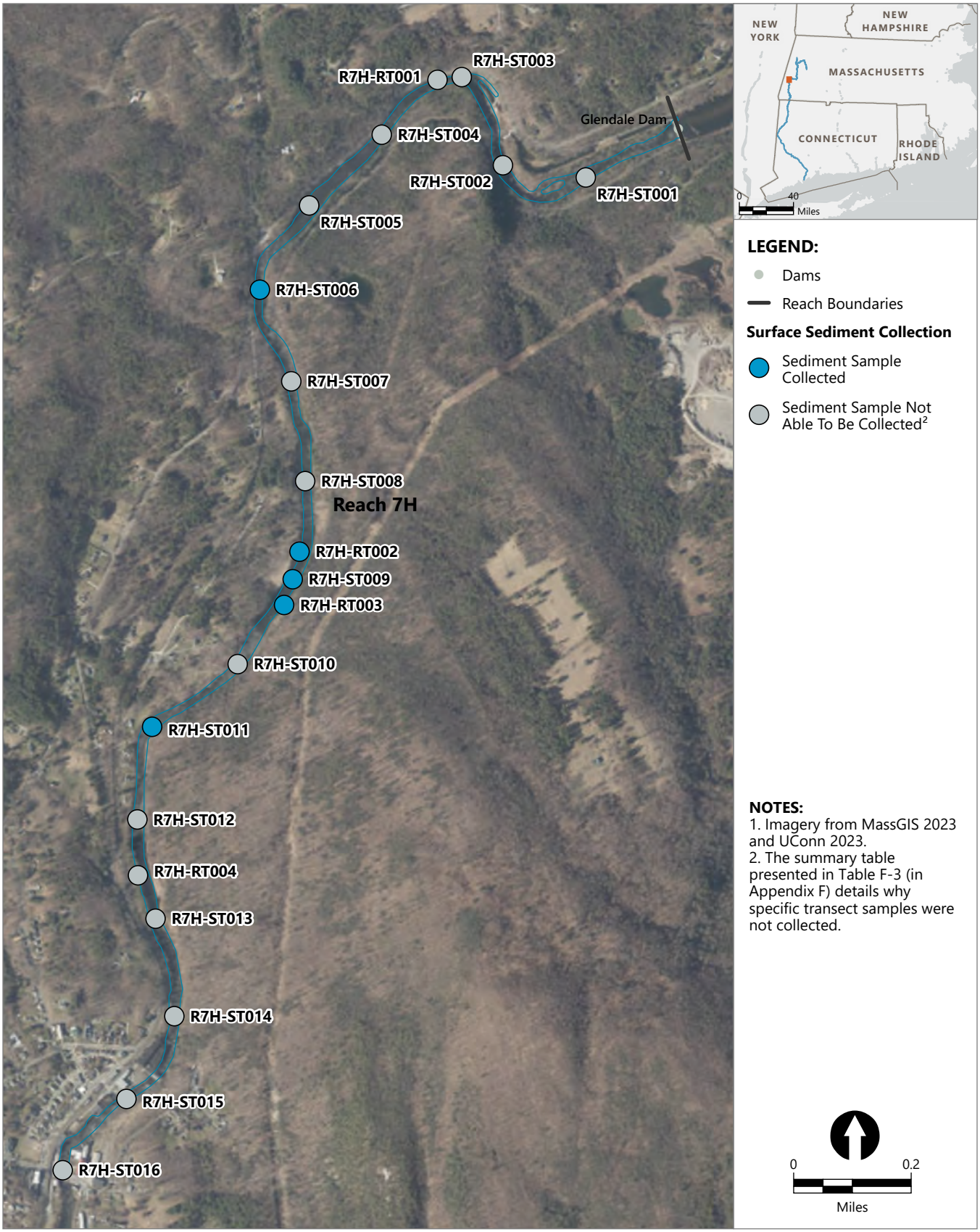
Figure 2-5b
Extents of 2024 Surface Sediment Collection (Reach 7D)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



Publish Date: 2025/10/17, 5:41 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-5a-o Surface Sediment Collection

ANCHOR QEA

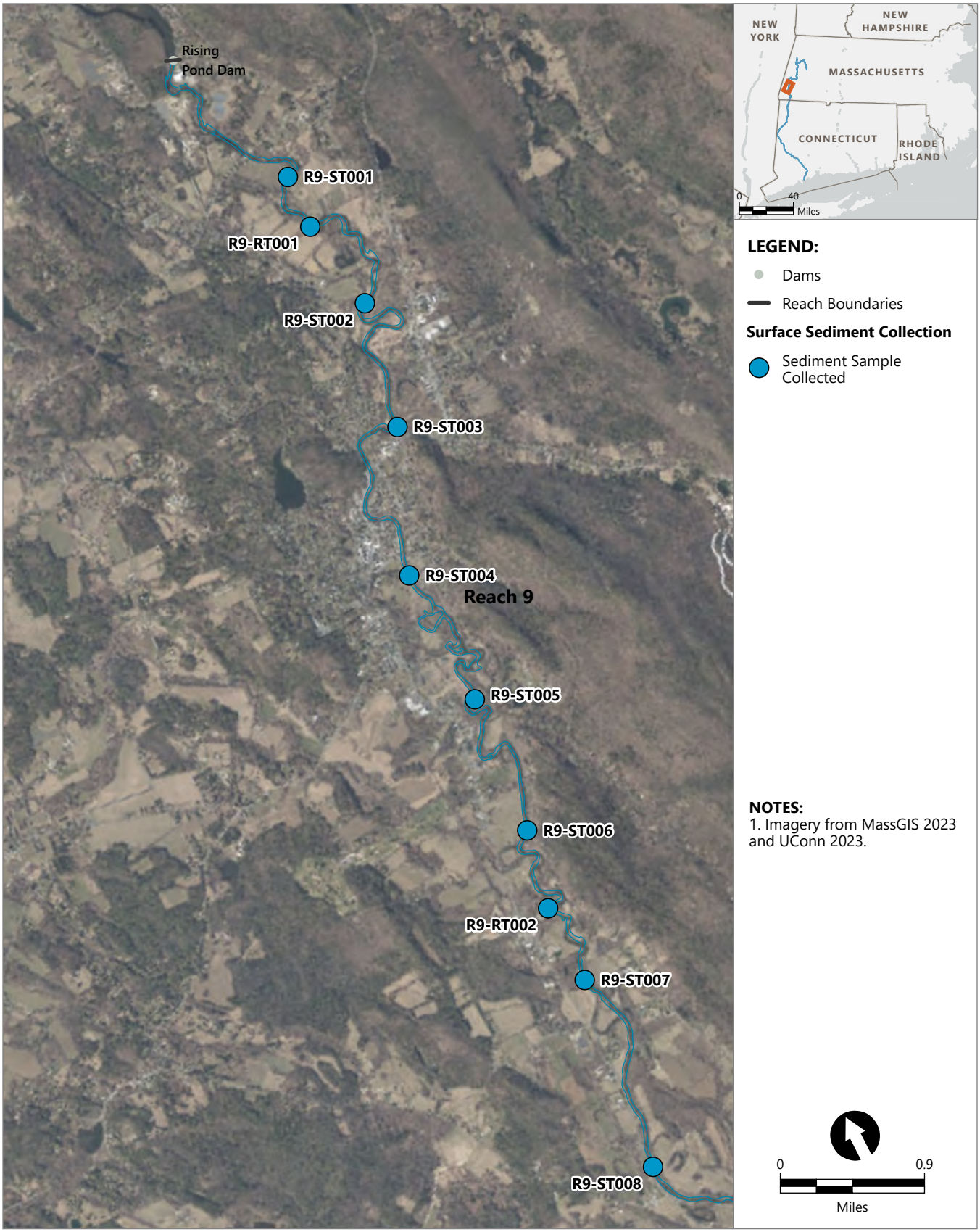
Figure 2-5c
Extents of 2024 Surface Sediment Collection (Reach 7F)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



Publish Date: 2025/10/17, 5:41 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-5a-o Surface Sediment Collection

ANCHOR QEA

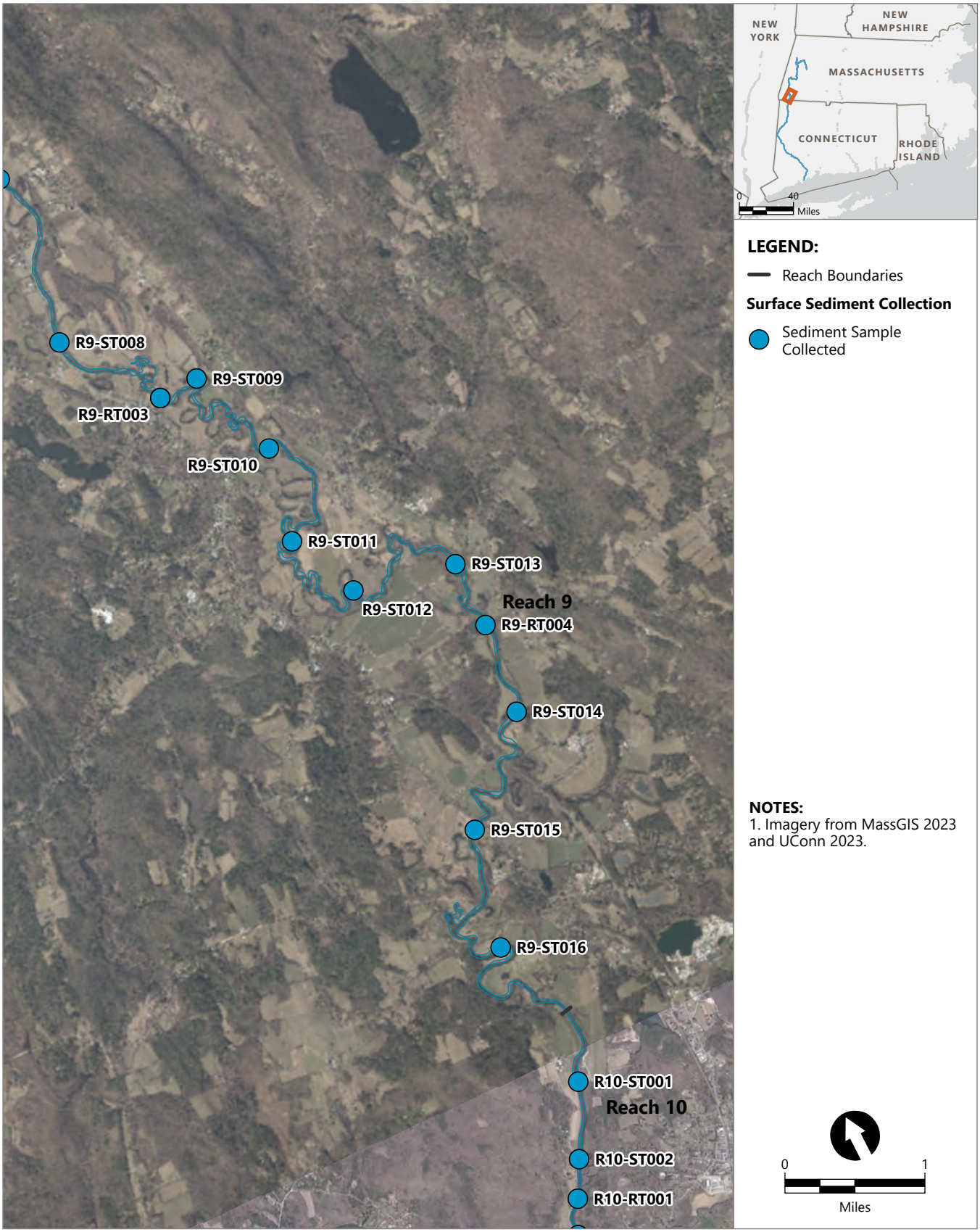
Figure 2-5d
Extents of 2024 Surface Sediment Collection (Reach 7H)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



Publish Date: 2025/10/17, 5:42 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-5a-o Surface Sediment Collection

ANCHOR QEA

Figure 2-5e
Extents of 2024 Surface Sediment Collection (Reach 9)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



Publish Date: 2025/10/17, 5:42 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-5a-o Surface Sediment Collection

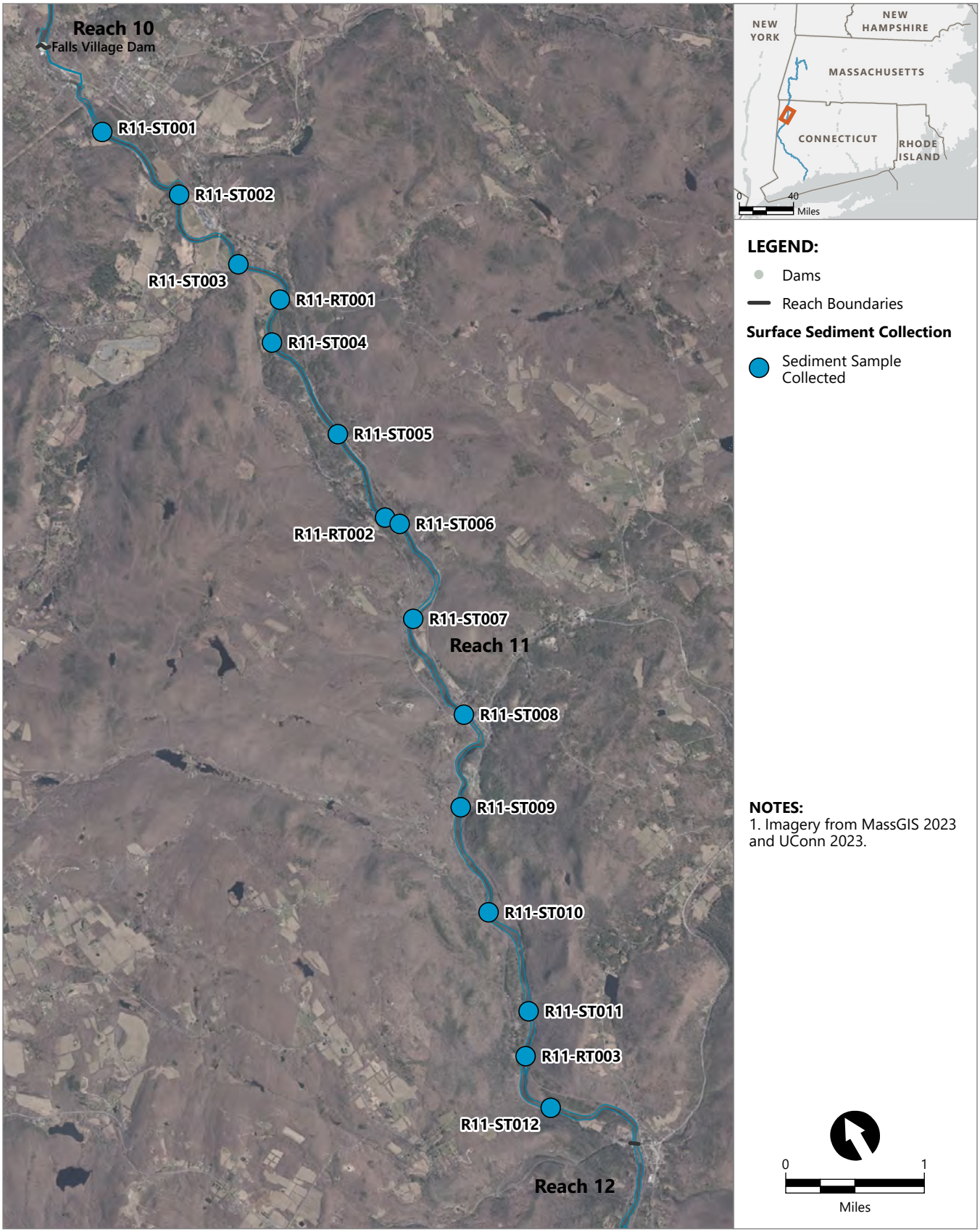
ANCHOR QEA

Figure 2-5f
Extents of 2024 Surface Sediment Collection (Reach 9)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River

Publish Date: 2025/10/17, 5:42 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-5a-o Surface Sediment Collection

ANCHOR QEA

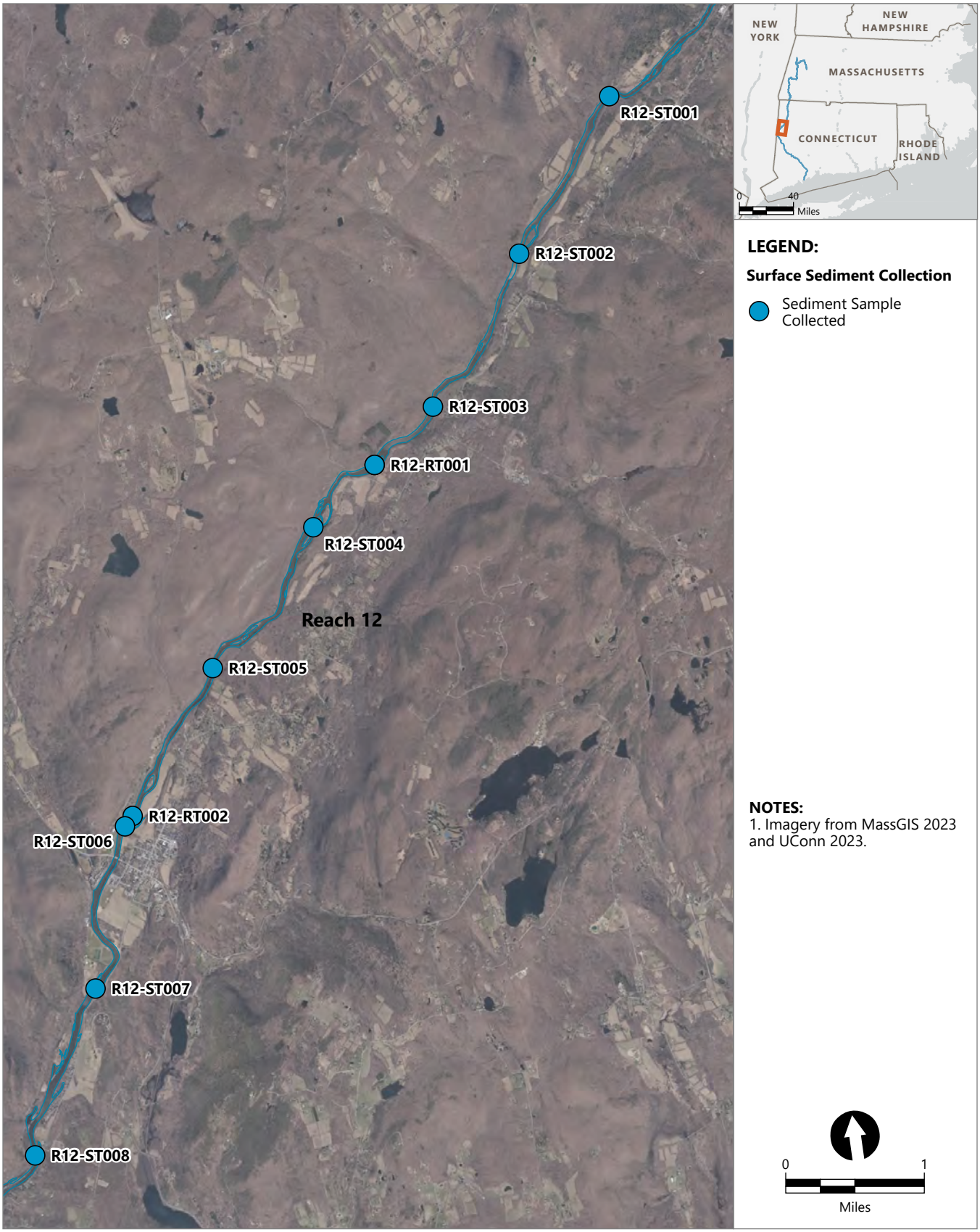
Figure 2-5g
Extents of 2024 Surface Sediment Collection (Reach 10)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



Publish Date: 2025/10/17, 5:42 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-5a-o Surface Sediment Collection

ANCHOR QEA

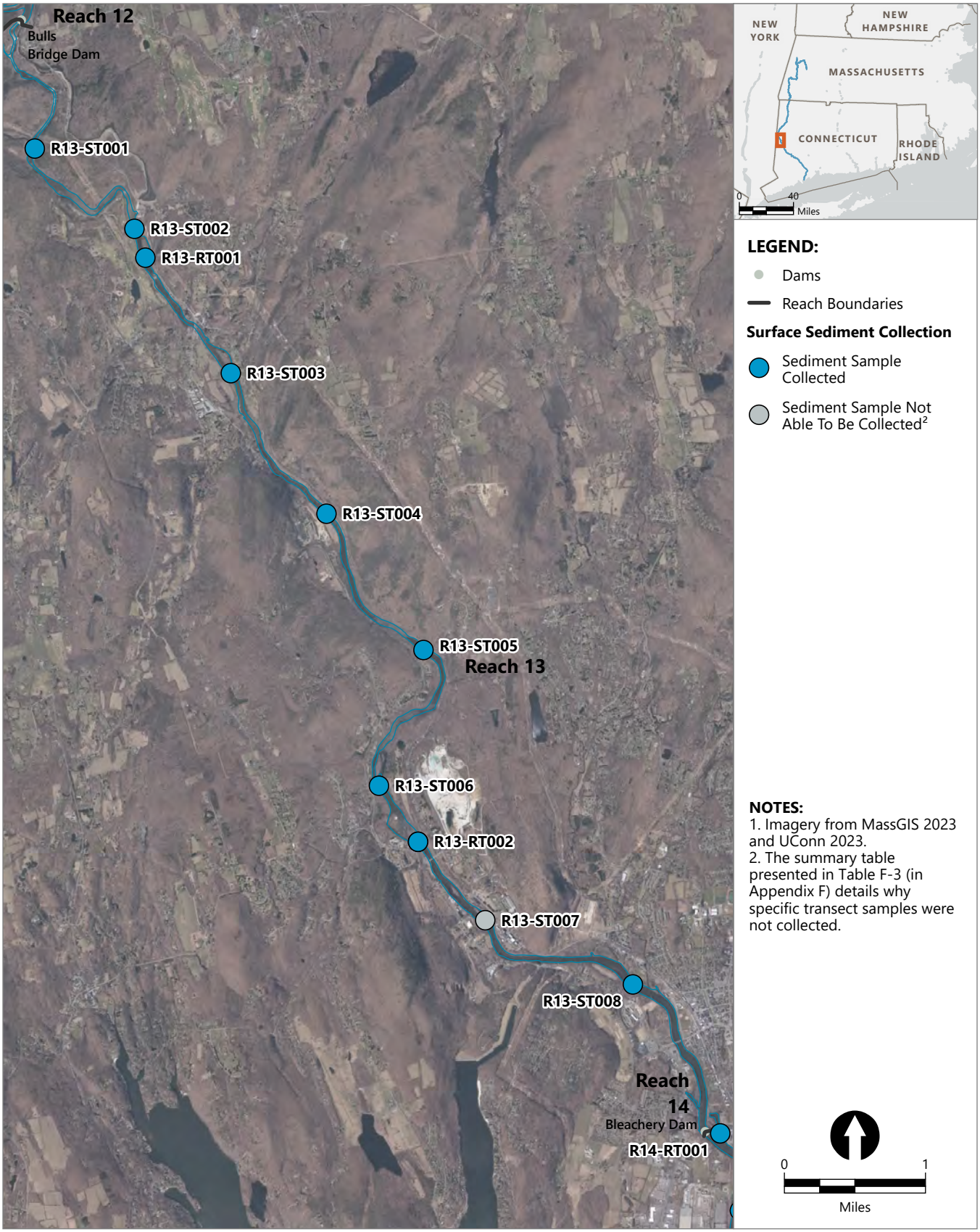
Figure 2-5h
Extents of 2024 Surface Sediment Collection (Reach 11)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



Publish Date: 2025/10/17, 5:42 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-5a-o Surface Sediment Collection

ANCHOR QEA

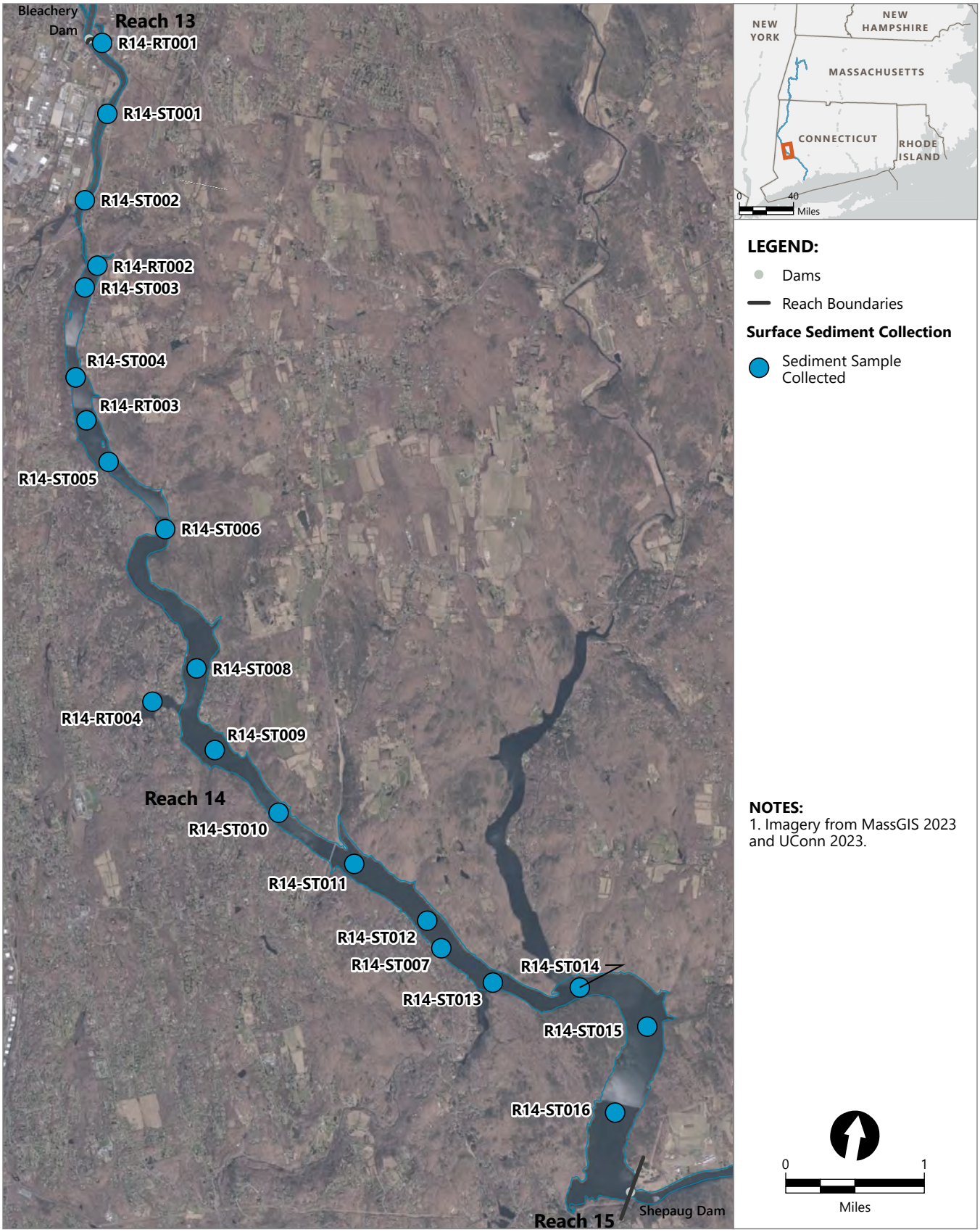
Figure 2-5i
Extents of 2024 Surface Sediment Collection (Reach 12, Bulls Bridge)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



Publish Date: 2025/10/17, 5:42 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-5a-o Surface Sediment Collection

ANCHOR QEA

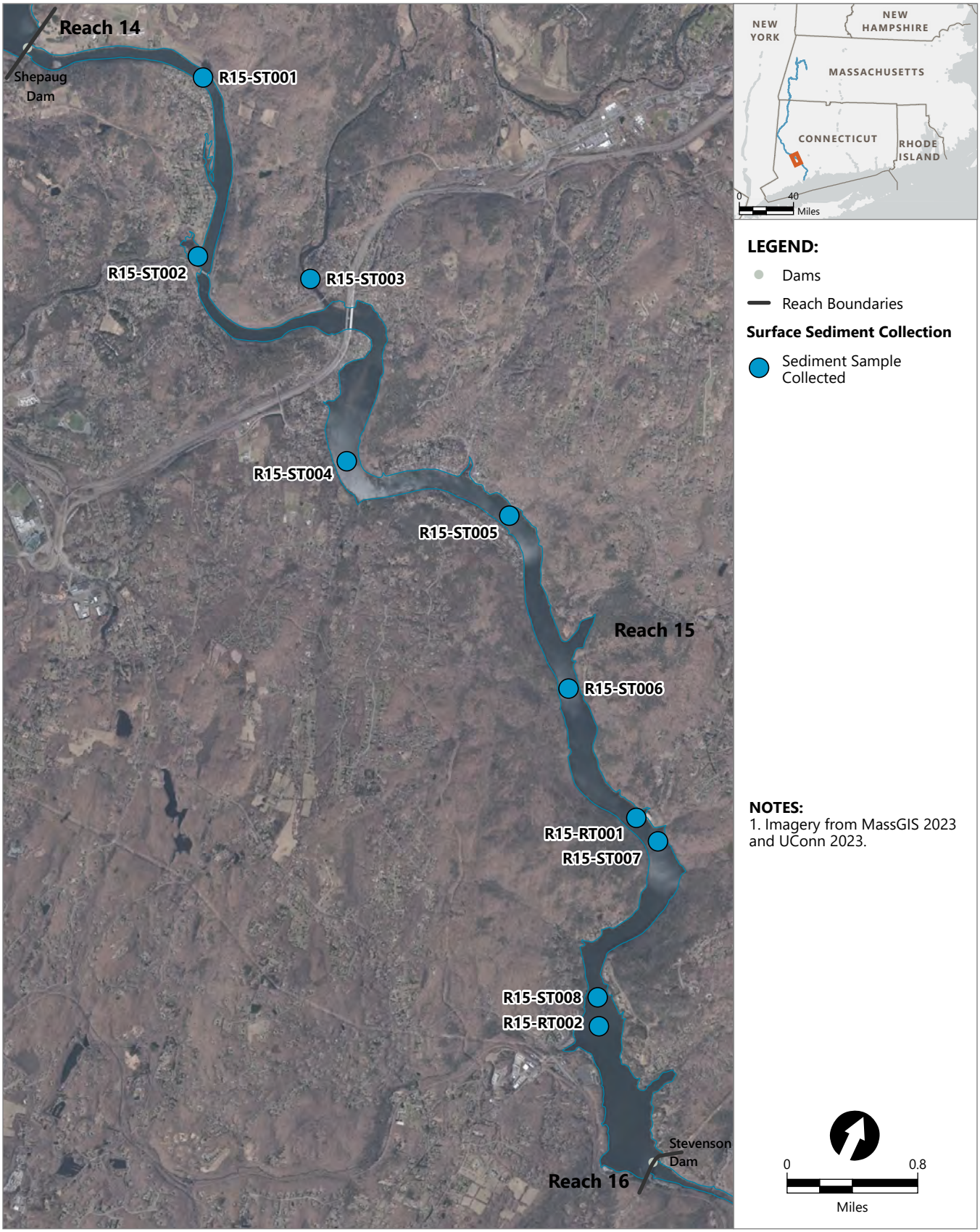
Figure 2-5j
Extents of 2024 Surface Sediment Collection (Reach 13)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



Publish Date: 2025/10/17, 5:42 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-5a-o Surface Sediment Collection

ANCHOR QEA

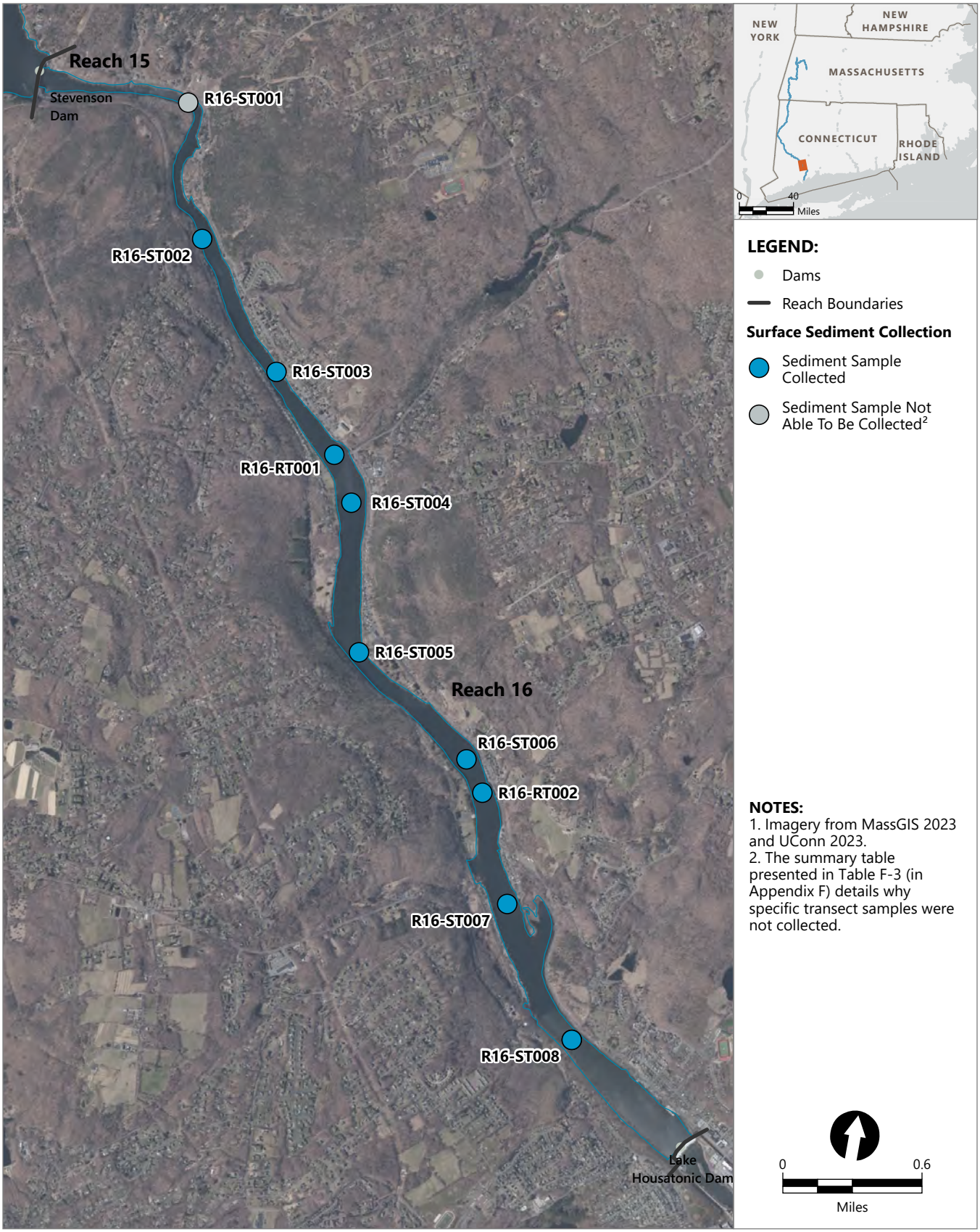
Figure 2-5k
Extents of 2024 Surface Sediment Collection (Reach 14, Lake Lillinonah)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



Publish Date: 2025/10/17, 5:42 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-5a-o Surface Sediment Collection

ANCHOR QEA

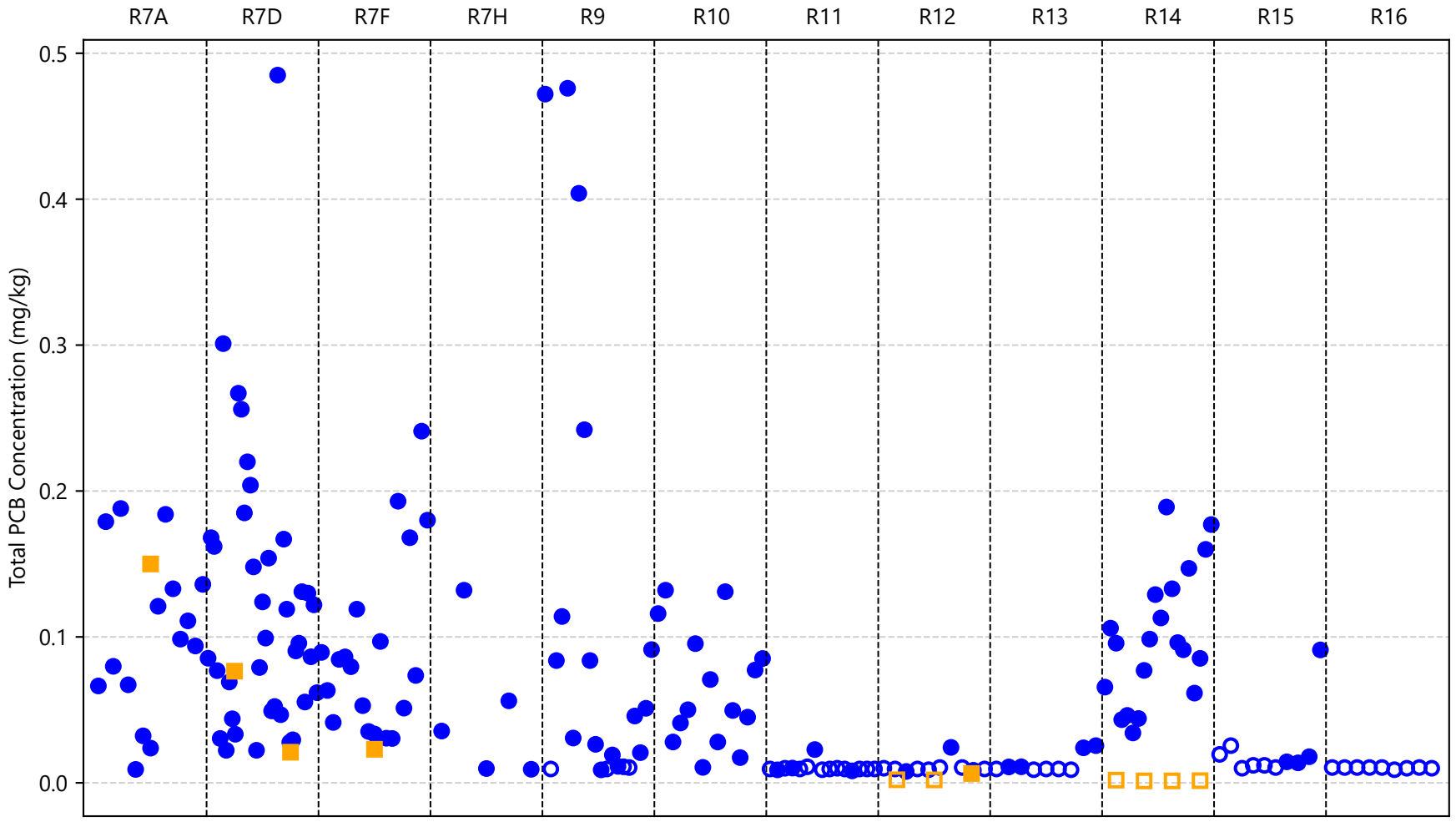
Figure 2-5l
Extents of 2024 Surface Sediment Collection (Reach 15, Lake Zoar)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



Publish Date: 2025/10/17, 5:42 PM | User: dthomasgregory
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\Results2024\Results2024.aprx | Figure 2-5a-o Surface Sediment Collection

ANCHOR QEA

Figure 2-5m
Extents of 2024 Surface Sediment Collection (Reach 16, Lake Houstonic)
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River – Rest of River



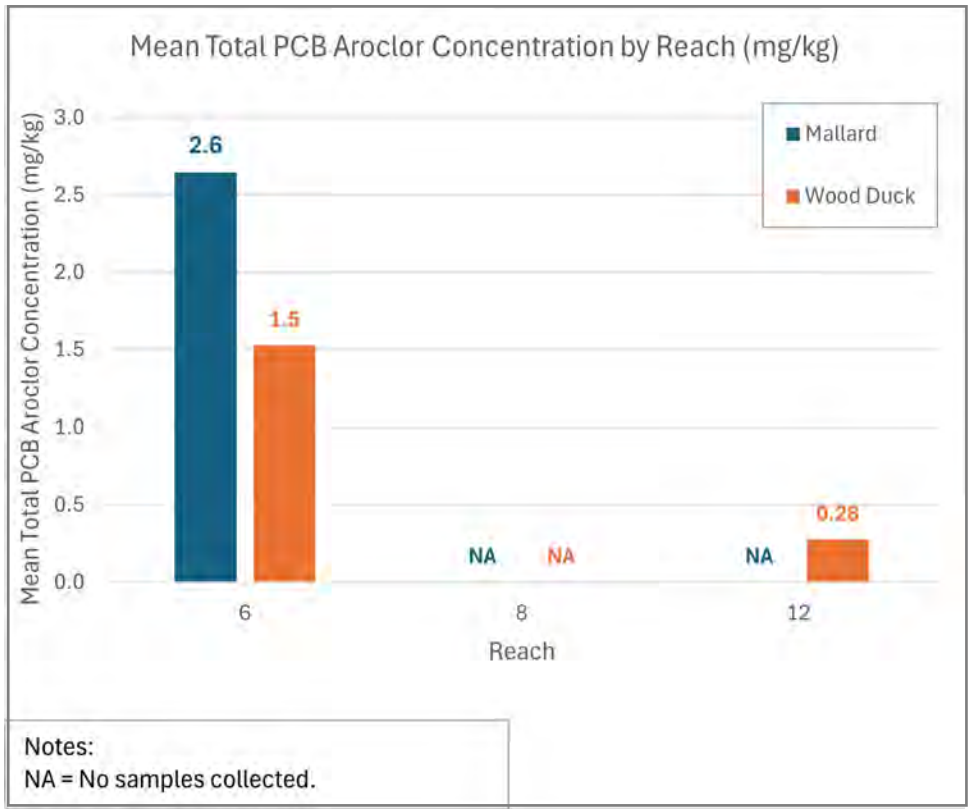
Duplicate samples were averaged; non-detects plotted as open symbols at half of the detection limit.

GE
EPA

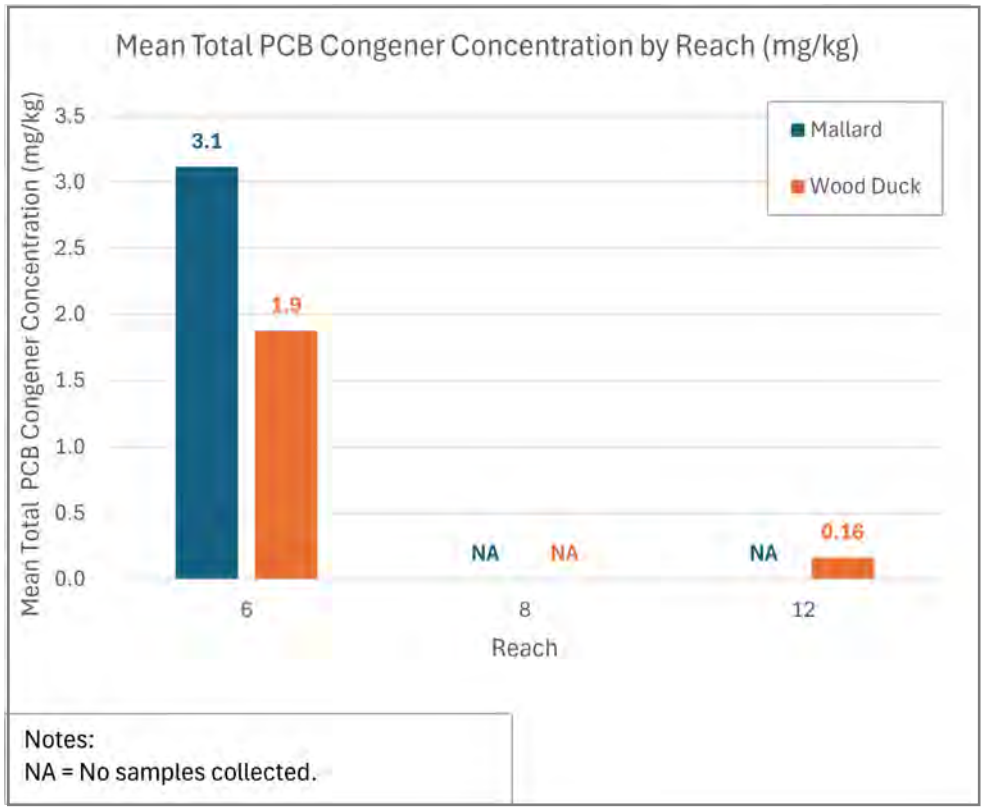
Publish Date: 10/13/2025 14:42 PM | User: SEA-AMEU
C:\Python\Housatonic_Basline_DSR_Summary_Statistics\HBSS_Aroclor_Sum_Plotting.py

ANCHOR QEA

Figure 2-6
Surface Sediment Aroclor Total PCB Concentrations by Reach
Baseline Monitoring Program: Data Summary Report (2024)
Housatonic River - Rest of River



Notes:
NA = No samples collected.



Notes:
NA = No samples collected.

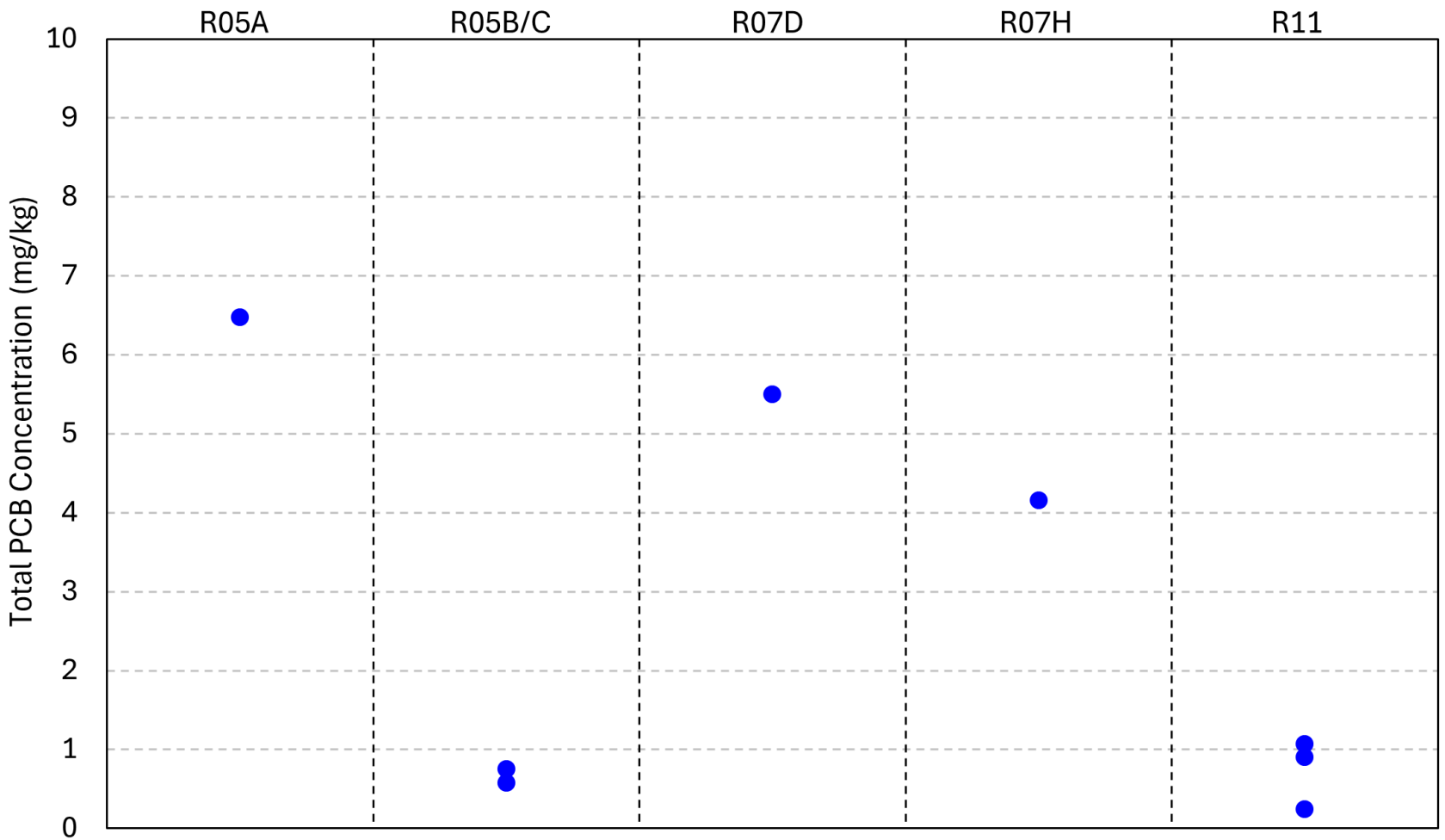
HOUSATONIC RIVER – REST OF RIVER
BASELINE MONITORING PROGRAM:
DATA SUMMARY REPORT (2024)

WATERFOWL TOTAL PCB CONCENTRATIONS BY REACH

ARCADIS

FIGURE
2-7

https://arcadisci365.sharepoint.com/:f:/r/teams/GE_Housatonic_ROR/General_ROR/Reports%20and%20Plans/2023BMPReport?csf=1&web=1&e=fQVnJy
10/6/2025 10:48:27 AM



Notes:

1. Composite samples from Reaches 5A, 5B, 5C, 7D and 7H consist of a mixture of available benthic invertebrates at each location. Composite samples from Reach 11 consist of three separate composites, one composite of caddisflies, one of hellgrammites, and one of stoneflies.

2. Reach 7H results represent the average of the parent and duplicate sample results.

HOUSATONIC RIVER – REST OF RIVER
BASELINE MONITORING PROGRAM:
DATA SUMMARY REPORT (2024)

BENTHIC INVERTEBRATE TOTAL PCB CONGENER CONCENTRATIONS BY REACH

ARCADIS

FIGURE
2-8

https://arcadisci365.sharepoint.com/:f:/r/teams/GE_Housatonic_ROR/General_ROR/Reports%20and%20Plans/2023BMPReport?csf=1&web=1&e=fQVn3y
10/6/2025 10:48:27 AM

Tables

Table 2-2
Summary of 2024 Surface Water Data

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location	Sample Date	PCB Congeners By HRMS (EPA 1668C) (ng/L)	Total Suspended Solids (mg/L)	Field Parameters					
				Conductivity (mS/cm)	pH (Standard Units)	Sample Depth (m)	Water Temperature (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
POMEROY AVE BRIDGE	1/26/2024	5.63	38.0	0.161	7.32	1.10	0.8	34.8	14.01
	2/16/2024	20.0	ND(2.0)	0.401	7.74	0.28	1.7	2.75	13.08
	3/15/2024	8.84	2.0	0.323	7.40	0.49	7.3	4.17	11.40
	4/12/2024	4.85	45.2	0.174	7.54	0.93	10.4	17.1	10.81
	5/16/2024	9.38	1.9 J	0.305	7.79	0.32	15.4	5.32	9.55
	6/27/2024	17.4	2.7	0.542	7.90	0.16	22.2	3.22	8.31
	7/26/2024	14.1	ND(2.5)	0.538	8.08	0.16	22.7	2.34	9.13
	8/16/2024	13.1	ND(2.5)	0.388	7.77	0.20	21.0	2.59	7.76
	9/19/2024	25.1	ND(2.5)	0.671	7.88	0.12	18.6	2.17	NA
	10/10/2024	20.3	ND(2.5)	0.632	7.85	0.13	12.5	3.24	9.01
	11/15/2024	10.1	ND(2.5)	0.384	7.75	0.17	5.4	2.45	12.73
	12/17/2024	6.04	3.2	0.313	7.82	0.39	3.3	6.29	12.35
NEAR PITTSFIELD WWTP	1/31/2024	40.7	4.0	0.303	7.49	1.03	1.9	5.64	12.89
	2/16/2024	38.9 J	3.2	0.374	7.83	0.80	2.0	2.90	12.76
	3/15/2024	41.5	4.4	0.357	7.12	0.97	7.4	4.70	11.72
	4/17/2024	32.7	4.0	0.344	7.75	1.00	11.2	1.97	11.03
	5/16/2024	44.7	4.8	0.308	7.80	0.86	15.3	4.74	8.68
	6/27/2024	77.7	2.9	0.454	7.79	0.69	21.7	2.32	8.83
	7/26/2024	46.3	2.5	0.491	8.06	0.68	22.4	2.50	9.45
	8/15/2024	53.3	3.1	0.371	7.73	0.80	20.8	2.67	7.98
	9/19/2024	60.3	ND(2.5)	0.572	7.90	0.67	17.1	3.43	NA
	10/10/2024	46.9	ND(2.5)	0.554	7.53	0.67	11.4	2.68	9.55
	11/15/2024	32.9	ND(2.5)	0.342	7.44	0.73	5.3	2.21	11.72
	12/16/2024	43.4	4.6	0.343	7.67	0.84	1.9	6.58	13.09
NEW LENOX RD BRIDGE	1/25/2024	97.7	17.2	0.335	7.78	1.45	1.1	21.6	13.10
	2/16/2024	42.5	2.0	0.202	7.68	1.20	4.5	3.83	12.10
	3/14/2024	44.4	2.8	0.342	7.65	1.35	7.1	4.66	12.43
	4/12/2024	56.4	27.2	0.270	7.60	1.45	10.5	17.2	10.36
	5/16/2024	48.2	4.3	0.336	7.71	1.17	15.2	5.27	8.61
	6/26/2024	72.7	2.7	0.405	7.76	1.09	23.1	3.34	7.20
	7/26/2024	70.9	3.7	0.507	7.26	1.06	21.0	5.48	7.80
	8/15/2024	56.9	3.5	0.392	7.36	1.15	20.5	3.60	7.90
	9/18/2024	69.9	2.8	0.586	7.94	1.05	18.9	3.95	NA
	10/9/2024	44.6	ND(2.5)	0.520	7.61	1.03	12.7	2.13	8.51
	11/14/2024	20.1	ND(2.5)	0.366	7.85	1.05	5.7	2.05	11.88
	12/16/2024	52.4	6.1	0.337	7.55	1.15	2.1	4.99	12.93
WOODS POND DAM	1/25/2024	54.4	10.0	0.539	7.48	0.80	1.4	10.6	12.05
	2/15/2024	48.1	ND(2.0)	0.384	7.79	0.72	2.2	3.41	13.34
	3/14/2024	48.6	ND(2.0)	0.332	7.59	0.73	8.0	2.80	12.39
	4/11/2024	46.9 [40.8]	2.4 [4.0]	0.299	7.50	0.78	9.4	5.57	10.80
	5/15/2024	85.0	4.7	0.323	8.20	0.68	17.8	4.76	10.10
	6/26/2024	134	5.6	0.360	7.64	0.68	24.2	4.63	5.85
	7/25/2024	122	6.6	0.416	8.08	0.59	24.3	2.72	5.85
	8/14/2024	121	2.5	0.324	7.74	0.66	22.1	1.94	6.45
	9/18/2024	116	5.0	0.546	7.60	0.62	18.7	8.08	NA
	10/9/2024	110	3.3	0.516	7.79	0.61	14.7	4.86	6.78
	11/14/2024	80.6	ND(2.5)	0.378	8.02	0.65	6.7	4.13	10.88
	12/16/2024	21.2	ND(2.5)	0.298	7.32	0.72	0.8	4.24	13.15
WOODS POND DAM AUTO[1]	8/14/2024	103	12.2	NA	NA	NA	NA	NA	NA
	9/18/2024	156	17.0	NA	NA	NA	NA	NA	NA
	10/9/2024	270	20.3	NA	NA	NA	NA	NA	NA

Table 2-2
Summary of 2024 Surface Water Data

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location	Sample Date	PCB Congeners By HRMS (EPA 1668C) (ng/L)	Total Suspended Solids (mg/L)	Field Parameters					
				Conductivity (mS/cm)	pH (Standard Units)	Sample Depth (m)	Water Temperature (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
OLD PLEASANT ST BRIDGE	1/24/2024	33.3	2.8	0.402	8.03	0.47	1.8	4.30	13.75
	2/15/2024	37.8	2.4	0.391	8.06	0.43	3.0	2.41	13.48
	3/14/2024	39.0	ND(2.0)	0.337	7.75	0.61	7.5	2.50	12.79
	4/11/2024	38.2	3.2	0.300	7.73	0.70	9.1	5.60	11.48
	5/15/2024	66.9	4.7	0.327	8.32	0.39	17.2	5.83	9.45
	6/26/2024	71.3	3.2	0.368	8.38	0.33	24.3	3.25	9.24
	7/25/2024	37.3	ND(2.5)	0.428	8.55	0.29	24.8	2.35	9.76
	8/14/2024	97.1	3.3	0.334	8.12	0.36	22.7	2.95	8.63
	9/18/2024	35.3	ND(2.5)	0.501	8.48	0.26	19.8	1.33	NA
	10/9/2024	36.8	ND(2.5)	0.518	8.38	0.25	15.1	2.24	11.67
	11/14/2024	39.3	ND(2.5)	0.406	7.81	0.31	7.9	3.54	13.52
	12/13/2024	49.1	8.4	0.207	7.33	0.74	1.1	11.7	14.14
RISING POND DAM	1/24/2024	20.1 J [17.8 J]	ND(2.0) [3.2]	0.357	7.94	0.67	0	3.46	13.97
	2/15/2024	22.9 [24.2]	ND(2.0) [ND(2.0)]	0.371	7.96	0.72	1.2	3.00	13.86
	3/13/2024	26.8 J [32.2 J]	3.6 [4.4]	0.301	7.81	0.84	5.5	11.4	13.97
	4/11/2024	26.7	6.0	0.299	7.26	0.80	9.1	4.68	10.99
	5/15/2024	33.3 [34.6]	5.9 [5.7]	0.315	8.32	0.67	17.6	4.98	9.23
	6/26/2024	28.1 [28.0]	4.1 [3.4]	0.359	7.54	0.62	22.7	3.10	7.14
	7/25/2024	18.1 [20.1]	2.7 [2.6]	0.409	7.87	0.57	24.6	3.17	6.88
	8/14/2024	50.5 [48.3]	5.3 [4.8]	0.290	7.58	0.67	22.3	4.44	6.29
	9/18/2024	20.9 [23.0]	ND(2.5) [ND(2.5)]	0.513	8.23	0.55	19.7	2.30	NA
	10/9/2024	21.1 [15.7]	ND(2.5) [ND(2.5)]	0.499	7.63	0.54	14.7	3.38	8.22
	11/13/2024	9.13 [9.76 J]	ND(2.5) [ND(2.5)]	0.365	8.20	0.58	7.8	3.08	12.10
	12/13/2024	66.8 J [77.4 J]	15.1 [13.0]	0.194	7.09	0.85	1.3	19.3	13.73
RISING POND DAM AUTO[1]	8/14/2024	82.2	20.8	NA	NA	NA	NA	NA	NA
	9/18/2024	42.4	25.9	NA	NA	NA	NA	NA	NA
	10/9/2024	28.8	19.1	NA	NA	NA	NA	NA	NA
RANNAPO RD BRIDGE	1/24/2024	15.2	6.8	0.364	7.42	1.17	3.2	6.68	13.54
	2/14/2024	17.0	6.0	0.349	7.91	1.19	1.7	5.63	12.97
	3/13/2024	17.2	11.2	0.233	7.67	1.86	7.6	15.4	10.30
	4/10/2024	15.1	7.2	0.338	7.98	1.49	10.2	6.78	10.79
	5/15/2024	8.17	4.4 J	0.315	8.02	0.98	18.7	6.28	9.04
	6/25/2024	8.08	5.8	0.333	8.09	0.89	24.2	6.82	4.70
	7/24/2024	1.41	3.5	0.381	8.09	0.85	24.9	3.81	4.17
	8/13/2024	24.1	11.1	0.274	7.98	1.00	21.4	11.2	4.19
	9/17/2024	5.67	ND(2.5)	0.466	8.12	0.75	20.6	3.60	5.69
	10/8/2024	6.66	2.6	0.495	7.90	0.72	15.4	3.84	6.07
	11/13/2024	1.02	ND(2.5)	0.391	8.11	0.83	7.8	4.07	11.89
	12/11/2024	8.27	3.2	0.386	7.80	0.93	6.7	4.82	11.99
FALLS VILLAGE DAM	1/23/2024	5.81	2.8	0.327	7.71	0.79	0.1	3.12	13.15
	2/14/2024	9.99	2.4	0.337	7.59	0.76	2.9	4.97	12.42
	3/13/2024	17.6	10.4	0.278	7.13	0.96	5.1	15.0	14.05
	4/10/2024	8.45	4.8	0.323	7.19	0.80	10.0	6.49	10.88
	5/14/2024	6.75	3.2 J	0.286	8.10	0.67	15.3	3.42	9.68
	6/25/2024	5.07	3.4	0.315	7.59	0.80	24.0	5.43	7.04
	7/24/2024	ND(1.66)	2.6	0.349	7.62	0.78	24.2	3.05	7.15
	8/13/2024	16.6	5.1	0.251	7.57	0.72	21.2	5.43	7.41
	9/17/2024	3.07	3.1	0.418	8.00	0.81	20.0	2.40	10.53
	10/8/2024	1.98	ND(2.5)	0.489	7.53	0.71	17.1	3.12	7.26
	11/13/2024	0.550	ND(2.5)	0.368	8.00	0.79	8.4	3.00	11.35
	12/11/2024	3.39	ND(2.5)	0.375	7.68	0.82	3.0	2.31	12.34

Table 2-2
Summary of 2024 Surface Water Data

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location	Sample Date	PCB Congeners By HRMS (EPA 1668C) (ng/L)	Total Suspended Solids (mg/L)	Field Parameters					
				Conductivity (mS/cm)	pH (Standard Units)	Sample Depth (m)	Water Temperature (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
CANAAN TOWNLINE BRIDGE	1/23/2024	5.78	2.4	0.323	7.94	1.50	1.8	5.43	14.20
	2/14/2024	11.5	2.4	0.338	7.97	1.47	3.8	4.64	12.83
	3/12/2024	15.8	14.4	0.243	7.78	2.06	5.6	30.9	9.27
	4/10/2024	8.22	5.6	0.326	8.04	1.71	12.1	4.91	10.67
	5/14/2024	5.42	2.8 J	0.287	8.28	1.34	17.9	4.63	9.48
	6/25/2024	2.53	2.5	0.326	8.17	1.28	25.7	5.35	4.93
	7/24/2024	ND(1.63)	ND(2.5)	0.352	8.48	1.19	25.4	2.39	6.01
	8/13/2024	11.2	5.1	0.260	8.04	1.42	22.9	6.4	4.30
	9/17/2024	1.82	ND(2.5)	0.418	8.58	1.16	22.0	2.31	7.02
	10/8/2024	5.23	ND(2.5)	0.486	8.21	1.12	17.0	3.00	5.48
	11/13/2024	0.737	ND(2.5)	0.380	8.07	1.11	10.0	5.23	12.04
	12/11/2024	30.3	ND(2.5)	0.372	7.20	1.20	8.4	4.51	11.73
RT. 341 BRIDGE	1/23/2024	4.64	2.0	0.307	7.97	1.11	2.1	5.70	13.67
	2/13/2024	24.5	2.4	0.325	8.22	0.90	3.3	4.17	13.14
	3/12/2024	11.7	13.6	0.232	7.95	1.32	6.3	16.2	9.63
	4/10/2024	5.44	2.4	0.314	8.18	0.96	12.9	5.09	11.58
	5/14/2024	3.64	4.0 J	0.271	8.60	0.76	20.0	8.60	9.74
	6/25/2024	2.44	4.2	0.310	8.52	0.71	26.5	5.22	4.94
	7/24/2024	ND(1.49)	ND(2.5)	0.329	8.41	0.70	25.2	2.01	5.38
	8/13/2024	8.32	10.4	0.241	8.27	0.83	22.9	11.40	5.41
	9/17/2024	1.27	ND(2.5)	0.397	8.36	0.66	20.8	2.76	7.64
	10/8/2024	28.4	ND(2.5)	0.441	8.24	0.68	16.1	2.29	6.95
	11/12/2024	1.50	ND(2.5)	0.377	8.40	0.67	9.9	2.02	12.08
	12/10/2024	0.962	ND(2.5)	0.388	7.90	0.71	3.6	1.78	13.66
RT. 202 BRIDGE	1/22/2024	3.89	2.8	0.312	8.06	1.32	2.1	5.55	14.27
	2/13/2024	2.33	2.8	0.314	8.03	1.51	4.5	3.80	12.76
	3/12/2024	8.41	13.6	0.261	7.48	1.52	7.0	10.8	11.90
	4/9/2024	3.18	2.8	0.289	8.09	1.47	11.8	3.61	11.94
	5/14/2024	1.89	3.6 J	0.269	8.47	1.24	17.8	2.89	10.42
	6/24/2024	0.496	6.3	0.269	8.46	1.38	25.7	5.61	8.45
	7/23/2024	ND(1.66)	ND(2.5)	0.360	8.18	1.12	24.5	2.28	8.47
	8/12/2024	4.34	12.3	0.264	8.17	1.29	22.8	9.73	4.85
	9/16/2024	0.522	ND(2.5)	0.397	8.48	1.06	21.6	0.69	6.24
	10/7/2024	0.249	ND(2.5)	0.387	8.16	1.05	18.8	1.68	6.09
	11/11/2024	ND(0.213)	ND(2.5)	NA	NA	1.06	NA	1.74	NA
	12/10/2024	0.330	ND(2.5)	0.389	7.20	1.09	2.6	3.25	13.62
SHEPAUG DAM	1/30/2024	3.60	8.4	0.239	7.36	9.87	5.5	16.2	13.05
	2/12/2024	5.86	14.0	0.253	7.73	9.53	5.1	13.5	13.46
	3/11/2024	4.53	11.2	0.229	7.69	9.19	7.6	11.6	8.97
	4/9/2024	3.67	13.2	0.238	7.58	9.54	8.7	7.33	11.47
	5/13/2024	1.89	1.6 J	0.265	8.07	9.51	17.3	4.95	8.77
	6/24/2024	0.711	ND(2.5)	0.261	8.46	9.45	25.1	2.28	5.33
	7/23/2024	ND(1.66)	ND(2.5)	0.274	7.38	9.67	26.4	2.57	4.59
	8/12/2024	1.83	ND(2.5)	0.272	7.53	9.58	25.8	1.95	3.50
	9/16/2024	1.55	ND(2.5)	0.302	7.34	9.62	23.6	1.64	6.07
	10/7/2024	4.98	ND(2.5)	0.291	7.33	9.59	21.0	3.02	5.84
	11/12/2024	15.6	ND(2.5)	0.346	7.25	8.83	14.6	2.4	9.42
	12/9/2024	1.73	4.1	0.339	7.16	9.46	7.9	5.05	9.97

Table 2-2
Summary of 2024 Surface Water Data

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location	Sample Date	PCB Congeners By HRMS (EPA 1668C) (ng/L)	Total Suspended Solids (mg/L)	Field Parameters					
				Conductivity (mS/cm)	pH (Standard Units)	Sample Depth (m)	Water Temperature (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
STEVENSON DAM	1/22/2024	1.38	3.2	0.233	7.46	0.46	2.3	2.57	13.13
	2/12/2024	1.02	ND(2.0)	0.277	7.75	0.50	3.8	2.27	13.54
	3/11/2024	1.13	13.6	0.229	7.39	0.52	7.0	7	13.29
	4/9/2024	0.932	ND(2.0)	0.269	7.59	0.43	9.3	1.90	12.10
	5/13/2024	0.676	1.6 J	0.248	8.05	0.59	17.8	2.03	9.80
	6/24/2024	0.101	3.0	0.243	8.12	0.66	25.6	4.14	8.75
	7/23/2024	ND(1.74)	ND(2.5)	0.286	7.61	0.62	27.0	1.02	5.13
	8/12/2024	ND(0.225)	ND(2.5)	0.285	8.27	0.67	26.9	1.83	10.12
	9/16/2024	0.0980	ND(2.5)	0.233	8.86	0.65	23.2	1.54	10.88
	10/7/2024	0.0782	ND(2.5)	0.236	6.77	0.61	20.3	2.52	5.52
	11/11/2024	0.0340	ND(2.5)	0.354	7.18	0.64	15.5	4.54	7.45
	12/9/2024	ND(0.234)	ND(2.5)	0.331	7.28	0.47	7.2	1.15	10.33
DERBY DAM	1/22/2024	1.24	ND(2.0)	0.225	7.26	0.81	1.8	4.84	13.17
	2/12/2024	2.57	8.4	0.272	7.41	0.81	4.4	11.5	13.51
	3/11/2024	1.52	4.4	0.228	6.94	1.10	6.9	8	13.97
	4/9/2024	1.19	2.0	0.261	7.60	0.92	8.4	3.46	11.87
	5/13/2024	0.608	1.2 J	0.236	7.85	0.87	16.2	2.10	9.81
	6/24/2024	0.376	4.7	0.248	7.39	0.83	23.3	4.15	5.79
	7/23/2024	ND(1.78)	ND(2.5)	0.283	7.28	0.88	26.3	1.85	5.65
	8/12/2024	0.141	ND(2.5)	0.287	7.51	0.88	25.6	1.38	6.80
	9/16/2024	0.171	3.9	0.237	7.27	0.90	23.6	4.62	7.42
	10/7/2024	0.0620	ND(2.5)	0.221	6.89	0.91	19.9	1.81	9.44
	11/11/2024	0.0233	2.5	NA	NA	0.89	NA	4.27	NA
	12/9/2024	ND(0.209)	ND(2.5)	0.332	6.67	0.89	6.8	5.19	9.98

Notes
[1] Coincident manual surface water grab samples were collected using an automated surface water sampling station.
ng/L = nanogram per liter
mg/L = milligram per liter
mS/cm = micro Siemens per centimeter
m = meter
°C = degrees centigrade
NTU = Nephelometric Turbidity unit
NA = Not Analyzed
ND = Analyte was not detected. The number in parentheses is the associated reporting limit.
J = Indicates the compound was positively identified; however, the associated numerical value is an estimated concentration only.
Field duplicate sample results are presented in brackets.

Table 2-3
Fish Sample Counts by Reach and Species in 2024

Reach	Description	State	Dates	Shocking Seconds	Sampling Time (hours)		LMB	SMB	YP	BB	WS	NP	FF	YOY LMB/SMB	YOY YP	Site Total	Notes
							N=20							N=14			
						TL (mm)	305	305	170	200	NA	660	NA	NA	NA		
5A	Confluence to WWTP	MA	9/10/2024 9/11/2024 9/30/2024 10/28/2024	4,225 4,306 6,498 2,772	4.9		10		10	0	10			7	7	***44***	White suckers substituted for brown bullhead; No target species observed during 10/28 mobilization
5B/C	WWTP to Woods Pond	MA	9/9/2024 9/10/2024 9/11/2024 10/30/2024	2,830 9,639 556 3,683	4.6		10		10	1	8			7	7	***43***	White suckers collected as substitute for brown bullhead
6	Woods Pond	MA	9/9/2024 9/10/2024 10/30/2024	7,006 2,191 3,418	3.5		10		10	4	10			7	7	***48***	White suckers collected as substitute for brown bullhead
7D	Hop Brook	MA	9/19/2024 10/3/2024 10/29/2024	3,651 7,240 4,600	4.3		0		0	9	10			0	0	***19***	Observed mostly SMB, YOY SMB and WS
7G	Glendale Dam Impoundment	MA	9/18/2024 10/3/2024 10/29/2024	10,107 4,167 3,636	5.0		6		8	10				8	0	***32***	
8	Rising Pond	MA	9/18/2024 10/2/2024 10/29/2024	11,362 4,302 3,819	5.4		5		8	4	4			0	1	***22***	White suckers collected as substitute for brown bullhead
9	MA/CT Border near Rt 341 Bridge	MA	9/11/2024	9,455	2.6		10		10	0	10			7	7	***44***	White suckers collected as substitute for brown bullhead
10	Falls Village	CT	9/10/2024 9/16/2024	11,998 4,003	4.4		10		10	10						***30***	
11	West Cornwall	CT	9/16/2024 10/1/2024 10/30/2024	6,102 5,218 3,920	4.2			10	0	0	10	2		14	0	***36***	White suckers collected as substitute for brown bullhead
12	Bulls Bridge Impoundment	CT	9/17/2024 10/2/2024 10/31/2024	14,003 6,619 3,723	6.8			10	11	8	5	4				***38***	No target species collected during 10/31 mobilization
13	Rt 7 Gaylordsville to New Milford	CT	9/12/2024	9,677	2.7			10	15				10			***35***	
14	Lake Lillinoah	CT	9/12/2024 9/17/2024	3,106 12,419	4.3			10	10	10		10				***40***	
15	Lake Zoar	CT	9/12/2024	13,421	3.8			10	10	10		13				***43***	
16	Lake Housatonic	CT	9/18/2024	9,648	2.7			10	10	10		10				***40***	
				Species Total			***61***	***60***	***122***	***76***	***67***	***39***	***10***	***50***	***29***	***514***	

Notes:

YOY composite samples consist of 5 individuals

Target number for adult fish and YOY fish is 20 and 14 samples, respectively

Target sample count reached

Target sample count not reached

BB: Brown bullhead
FF: Fallfish
LMB: Largemouth Bass
NP: Northern Pike
SMB: Smallmouth Bass
TL: total length
WS: White sucker
YOY: young of year
YP: Yellow Perch

Table 2-4
Summary of Water Quality Data Collected During 2024 Fish Sampling

Year	Date	Reach	Water Temperature (°C)	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
2024	9/19/24	5A	18.1	8.1	0.527	1.8	8.5
	9/19/24	5B/C	17.4	7.9	0.491	2.6	8.5
	9/9/24	6	17.8	7.3	0.439	11.9	2.6
	10/3/24	7D	17.4	8.1	0.461	2.4	9.4
	10/3/24	7G	21.4	7.6	0.480	1.6	6.8
	9/18/24	8	22.0	8.3	0.465	7.4	10.2
	9/11/24	9	18.6	8.0	0.429	1.8	8.7
	9/11/24	10	17.8	7.9	0.393	6.0	8.1
	9/16/24	11	20.2	8.4	0.409	1.2	10.6
	10/2/24	12	17.3	8.1	0.445	3.7	9.0
	9/19/24	13	21.3	8.2	0.424	2.3	9.0
	9/17/24	14	21.0	8.3	0.370	0.8	8.6
	9/12/24	15	20.8	8.0	0.236	2.4	9.4
	9/18/24	16	21.3	7.7	0.224	2.8	8.3

Notes
mg/L: milligram per liter
mS/cm: milliSiemen per centimeter
NTU: nephelometric turbidity unit

Table 2-5
Summary of 2024 Fish PCB Aroclor and Lipid Data

Species	Age	Method	Metric	R5A	R5C	R6	R7D	R7G	R8	R9	R10	R11	R12	R13	R14	R15	R16
Brown bullhead	Adult	--	Sample Count	--	1	4	9	10	4	--	10	--	8	--	10	10	10
		Lipids	Minimum (%)	--	0.37	0.29	0.63	0.38	0.49	--	0.41	--	0.39	--	0.42	0.86	0.49
			Average (%)	--	0.37	0.95	1.2	0.78	0.99	--	0.83	--	1.2	--	2.1	2	1.4
			Maximum (%)	--	0.37	1.9	1.8	1.3	1.5	--	1.2	--	2.5	--	5.5	3.7	3.0
			Standard Deviation (%)	--	0	0.60	0.36	0.27	0.37	--	0.3	--	0.65	--	1.5	0.99	0.76
		SW8082A	Minimum (mg/kg)	--	2.0	2.7	0.83	1.17	0.92	--	0.24	--	0.15	--	0.18	0.057	0.032
			Average (mg/kg)	--	2.0	4.8	2.6	2.2	1.9	--	0.85	--	0.42	--	0.54	0.15	0.080
			Maximum (mg/kg)	--	2.0	6.9	6.0	5.0	3.3	--	2.2	--	0.89	--	1.1	0.35	0.13
			Standard Deviation (mg/kg)	--	0	1.9	1.5	1.0	1	--	0.53	--	0.24	--	0.26	0.10	0.040
Fallfish	Adult	--	Sample Count	--	--	--	--	--	--	--	--	--	--	10	--	--	--
		Lipids	Minimum (%)	--	--	--	--	--	--	--	--	--	--	0.51	--	--	--
			Average (%)	--	--	--	--	--	--	--	--	--	--	0.74	--	--	--
			Maximum (%)	--	--	--	--	--	--	--	--	--	--	0.94	--	--	--
			Standard Deviation (%)	--	--	--	--	--	--	--	--	--	--	0.15	--	--	--
		SW8082A	Minimum (mg/kg)	--	--	--	--	--	--	--	--	--	--	0.14	--	--	--
			Average (mg/kg)	--	--	--	--	--	--	--	--	--	--	0.22	--	--	--
			Maximum (mg/kg)	--	--	--	--	--	--	--	--	--	--	0.43	--	--	--
			Standard Deviation (mg/kg)	--	--	--	--	--	--	--	--	--	--	0.090	--	--	--
Largemouth bass	Adult	--	Sample Count	10	10	10	--	6	5	10	10	--	--	--	--	--	--
		Lipids	Minimum (%)	0.30	0.60	0.45	--	0.43	0.4	0.56	0.76	--	--	--	--	--	--
			Average (%)	0.99	1.1	1.1	--	0.63	0.67	1.2	1.1	--	--	--	--	--	--
			Maximum (%)	3.6	1.7	1.9	--	0.95	1.3	2.3	1.8	--	--	--	--	--	--
			Standard Deviation (%)	0.92	0.40	0.42	--	0.20	0.34	0.54	0.31	--	--	--	--	--	--
		SW8082A	Minimum (mg/kg)	2.9	3.2	5.3	--	0.72	3.2	0.24	0.040	--	--	--	--	--	--
			Average (mg/kg)	8.4	12	9.5	--	3.1	4.8	1.4	0.52	--	--	--	--	--	--
			Maximum (mg/kg)	20	34	14	--	6.6	6.1	2.9	1.2	--	--	--	--	--	--
			Standard Deviation (mg/kg)	5.3	9.8	2.5	--	1.9	1.1	0.86	0.41	--	--	--	--	--	--
	YoY	--	Sample Count	7	7	7	--	8	--	7	--	--	--	--	--	--	--
		Lipids	Minimum (%)	2.5	1.7	1.8	--	2.5	--	1.5	--	--	--	--	--	--	--
			Average (%)	3.2	2.3	2.6	--	3.0	--	2.2	--	--	--	--	--	--	--
			Maximum (%)	3.9	3.5	3.4	--	3.6	--	3.0	--	--	--	--	--	--	--
			Standard Deviation (%)	0.47	0.60	0.55	--	0.41	--	0.43	--	--	--	--	--	--	--
		SW8082A	Minimum (mg/kg)	11	15	5.9	--	3.9	--	1.2	--	--	--	--	--	--	--
			Average (mg/kg)	13	17	10	--	5.2	--	1.9	--	--	--	--	--	--	--
			Maximum (mg/kg)	16	19	15	--	6.8	--	2.5	--	--	--	--	--	--	--
			Standard Deviation (mg/kg)	1.7	1.2	3.2	--	0.85	--	0.43	--	--	--	--	--	--	--

Table 2-5
Summary of 2024 Fish PCB Aroclor and Lipid Data

Species	Age	Method	Metric	R5A	R5C	R6	R7D	R7G	R8	R9	R10	R11	R12	R13	R14	R15	R16
Northern Pike	Adult	--	Sample Count	--	--	--	--	--	--	--	--	2	4	--	10	13	10
		Lipids	Minimum (%)	--	--	--	--	--	--	--	--	0.92	0.63	--	0.80	0.56	0.57
			Average (%)	--	--	--	--	--	--	--	--	1.0	1.4	--	1.2	1.4	1.2
			Maximum (%)	--	--	--	--	--	--	--	--	1.1	2.0	--	1.9	2.2	2.0
			Standard Deviation (%)	--	--	--	--	--	--	--	--	0.090	0.50	--	0.30	0.53	0.46
		SW8082A	Minimum (mg/kg)	--	--	--	--	--	--	--	--	1.8	0.85	--	0.87	1.0	0.26
			Average (mg/kg)	--	--	--	--	--	--	--	--	1.8	1.9	--	1.7	2.5	1.0
			Maximum (mg/kg)	--	--	--	--	--	--	--	--	1.9	4.1	--	4.4	5.8	4.0
			Standard Deviation (mg/kg)	--	--	--	--	--	--	--	--	0.070	1.3	--	0.94	1.5	1.1
Smallmouth Bass	Adult	--	Sample Count	--	--	--	--	--	--	--	--	10	10	10	10	10	10
		Lipids	Minimum (%)	--	--	--	--	--	--	--	--	0.57	0.49	0.58	0.87	0.27	0.38
			Average (%)	--	--	--	--	--	--	--	--	1.1	0.9	1.2	1.8	2.1	0.62
			Maximum (%)	--	--	--	--	--	--	--	--	1.6	1.3	1.8	2.4	4.7	0.97
			Standard Deviation (%)	--	--	--	--	--	--	--	--	0.34	0.24	0.39	0.47	1.3	0.18
		SW8082A	Minimum (mg/kg)	--	--	--	--	--	--	--	--	0.58	0.51	0.30	0.42	0.13	0.17
			Average (mg/kg)	--	--	--	--	--	--	--	--	0.94	1.1	0.64	1.3	0.5	0.27
			Maximum (mg/kg)	--	--	--	--	--	--	--	--	1.6	1.7	1.0	3.5	1.9	0.47
			Standard Deviation (mg/kg)	--	--	--	--	--	--	--	--	0.32	0.41	0.23	0.82	0.49	0.080
	YoY	--	Sample Count	--	--	--	--	--	--	--	--	14	--	--	--	--	--
		Lipids	Minimum (%)	--	--	--	--	--	--	--	--	3.3	--	--	--	--	--
			Average (%)	--	--	--	--	--	--	--	--	3.8	--	--	--	--	--
			Maximum (%)	--	--	--	--	--	--	--	--	4.4	--	--	--	--	--
			Standard Deviation (%)	--	--	--	--	--	--	--	--	0.28	--	--	--	--	--
		SW8082A	Minimum (mg/kg)	--	--	--	--	--	--	--	--	0.85	--	--	--	--	--
			Average (mg/kg)	--	--	--	--	--	--	--	--	1.0	--	--	--	--	--
			Maximum (mg/kg)	--	--	--	--	--	--	--	--	1.3	--	--	--	--	--
			Standard Deviation (mg/kg)	--	--	--	--	--	--	--	--	0.090	--	--	--	--	--
White sucker	Adult	--	Sample Count	10	8	10	10	--	4	10	--	10	5	--	--	--	--
		Lipids	Minimum (%)	0.49	0.85	1.0	0.68	--	0.69	0.91	--	2.4	0.20	--	--	--	--
			Average (%)	1.4	1.4	1.7	3.9	--	2.05	2.0	--	3.2	1.0	--	--	--	--
			Maximum (%)	2.9	2.3	2.7	6.3	--	3	2.8	--	4.7	1.5	--	--	--	--
			Standard Deviation (%)	0.79	0.45	0.55	1.7	--	0.86	0.55	--	0.65	0.47	--	--	--	--
		SW8082A	Minimum (mg/kg)	3.1	3.7	4.6	2.1	--	2.0	0.82	--	0.67	0.17	--	--	--	--
			Average (mg/kg)	15	11	11	18	--	4.8	4.1	--	2.9	0.26	--	--	--	--
			Maximum (mg/kg)	39	15	16	59	--	7.7	19	--	5.0	0.38	--	--	--	--
			Standard Deviation (mg/kg)	10	3.8	3.6	15	--	2.8	5.2	--	1.3	0.070	--	--	--	--

Table 2-5
Summary of 2024 Fish PCB Aroclor and Lipid Data

Species	Age	Method	Metric	R5A	R5C	R6	R7D	R7G	R8	R9	R10	R11	R12	R13	R14	R15	R16
Yellow Perch	Adult	--	Sample Count	10	10	10	--	8	8	10	10	--	11	15	10	10	10
		Lipids	Minimum (%)	0.19	0.14	0.17	--	0.38	0.30	0.60	0.45	--	0.45	0.35	0.19	0.31	0.19
			Average (%)	0.40	0.54	0.40	--	0.51	0.45	0.92	0.68	--	0.64	0.66	0.36	0.47	0.41
			Maximum (%)	0.59	1.0	0.83	--	0.73	0.64	1.4	0.91	--	0.80	1.4	0.84	0.85	0.65
			Standard Deviation (%)	0.13	0.22	0.24	--	0.12	0.11	0.19	0.15	--	0.11	0.33	0.19	0.16	0.13
		SW8082A	Minimum (mg/kg)	1.3	0.96	0.85	--	1.2	0.78	0.43	0.16	--	0.092	0.039	0.076	0.030	0.032
			Average (mg/kg)	2.4	4.4	3.5	--	1.9	1.2	0.58	0.37	--	0.16	0.10	0.16	0.070	0.050
			Maximum (mg/kg)	3.8	7.7	7.7	--	2.6	2.2	0.79	1.1	--	0.49	0.33	0.25	0.14	0.061
			Standard Deviation (mg/kg)	0.78	2.1	2.2	--	0.47	0.42	0.11	0.32	--	0.10	0.070	0.060	0.040	0.010
	YoY	--	Sample Count	7	7	7	--	--	1	7	--	--	--	--	--	--	--
		Lipids	Minimum (%)	1.7	2.8	1.9	--	--	1.3	1.9	--	--	--	--	--	--	--
			Average (%)	2.2	3.3	2.1	--	--	1.3	2.4	--	--	--	--	--	--	--
			Maximum (%)	2.8	3.8	2.7	--	--	1.3	2.8	--	--	--	--	--	--	--
			Standard Deviation (%)	0.46	0.37	0.27	--	--	0	0.28	--	--	--	--	--	--	--
		SW8082A	Minimum (mg/kg)	6.9	11	9.7	--	--	4.5	1.5	--	--	--	--	--	--	--
			Average (mg/kg)	8.4	14	11	--	--	4.5	2.0	--	--	--	--	--	--	--
			Maximum (mg/kg)	10	17	13	--	--	4.5	2.4	--	--	--	--	--	--	--
			Standard Deviation (mg/kg)	1.0	1.9	1.1	--	--	0.00	0.25	--	--	--	--	--	--	--

Notes:
Adult fish samples are analyzed as fillets (with skin off). Young-of-year fish samples are analyzed as whole-body composites.
mg/kg: milligram per kilogram
PCB: polychlorinated biphenyl
YOY: young of year

Table 2-6
Summary of 2024 Fish PCB Congener Data

Species	Age	Method	Metric	R5A	R5C	R6	R7D	R7G	R8	R9	R10	R11	R12	R13	R14	R15	R16
Brown bullhead	Adult	--	Sample Count	--	--	--	--	--	--	--	--	--	--	--	--	10	--
		E1668C	Minimum (mg/kg)	--	--	--	--	--	--	--	--	--	--	--	--	0.073	--
			Average (mg/kg)	--	--	--	--	--	--	--	--	--	--	--	--	0.27	--
			Maximum (mg/kg)	--	--	--	--	--	--	--	--	--	--	--	--	0.59	--
			Standard Deviation (mg/kg)	--	--	--	--	--	--	--	--	--	--	--	--	0.15	--
Largemouth bass	Adult	--	Sample Count	2	10	7	--	--	5	--	--	--	--	--	--	--	--
		E1668C	Minimum (mg/kg)	4.5	3.5	6.2	--	--	3.9	--	--	--	--	--	--	--	--
			Average (mg/kg)	7.0	8.1	9.7	--	--	5.6	--	--	--	--	--	--	--	--
			Maximum (mg/kg)	9.4	14	14	--	--	7.4	--	--	--	--	--	--	--	--
			Standard Deviation (mg/kg)	2.5	3.6	2.6	--	--	1.5	--	--	--	--	--	--	--	--
	YoY	--	Sample Count	2	6	7	--	--	--	--	--	--	--	--	--	--	--
		E1668C	Minimum (mg/kg)	12	11	9.8	--	--	--	--	--	--	--	--	--	--	--
			Average (mg/kg)	12	13	12	--	--	--	--	--	--	--	--	--	--	--
			Maximum (mg/kg)	12	14	14	--	--	--	--	--	--	--	--	--	--	--
			Standard Deviation (mg/kg)	0	1.1	1.2	--	--	--	--	--	--	--	--	--	--	--
Northern Pike	Adult	--	Sample Count	--	--	--	--	--	--	--	--	--	--	--	8	5	--
		E1668C	Minimum (mg/kg)	--	--	--	--	--	--	--	--	--	--	--	1.3	1.2	--
			Average (mg/kg)	--	--	--	--	--	--	--	--	--	--	--	2.0	2.0	--
			Maximum (mg/kg)	--	--	--	--	--	--	--	--	--	--	--	3.1	3.5	--
			Standard Deviation (mg/kg)	--	--	--	--	--	--	--	--	--	--	--	0.59	0.82	--
Smallmouth Bass	Adult	--	Sample Count	--	--	--	--	--	--	--	--	10	--	--	3.0	--	--
		E1668C	Minimum (mg/kg)	--	--	--	--	--	--	--	--	0.67	--	--	1.0	--	--
			Average (mg/kg)	--	--	--	--	--	--	--	--	1	--	--	1.8	--	--
			Maximum (mg/kg)	--	--	--	--	--	--	--	--	1.6	--	--	2.8	--	--
			Standard Deviation (mg/kg)	--	--	--	--	--	--	--	--	0.28	--	--	0.77	--	--
	YoY	--	Sample Count	--	--	--	--	--	--	--	--	14	--	--	--	--	--
		E1668C	Minimum (mg/kg)	--	--	--	--	--	--	--	--	1.3	--	--	--	--	--
			Average (mg/kg)	--	--	--	--	--	--	--	--	1.6	--	--	--	--	--
			Maximum (mg/kg)	--	--	--	--	--	--	--	--	1.8	--	--	--	--	--
			Standard Deviation (mg/kg)	--	--	--	--	--	--	--	--	0.14	--	--	--	--	--
White sucker	Adult	--	Sample Count	--	8	10	10	--	4	--	--	10	--	--	--	--	--
		E1668C	Minimum (mg/kg)	--	4.8	6.4	2.6	--	2.4	--	--	0.88	--	--	--	--	--
			Average (mg/kg)	--	11	11	11	--	5.3	--	--	3.2	--	--	--	--	--
			Maximum (mg/kg)	--	15	14	19	--	8.3	--	--	5.2	--	--	--	--	--
			Standard Deviation (mg/kg)	--	3.2	2.4	4.3	--	2.4	--	--	1.2	--	--	--	--	--

Notes:

Adult fish samples are analyzed as fillets (with skin off). Young-of-year fish samples are analyzed as whole-body composites.

PCB: polychlorinated biphenyl

YOY: young of year

Table 2-7
Observations of 2024 Fish Abnormalities

Reach	Species	Age	Sample ID	Abnormalities
R5A	Largemouth bass	Adult	HBMP-R05A-01LB-01-ADLT-241001	Possible tape worm
			HBMP-R05A-01LB-02-ADLT-241001	Damage or deformity to right operculum
			HBMP-R05A-01LB-04-ADLT-240911	Lesion on lower mandible, right side, yellow grub on anal fin
	White sucker	Adult	HBMP-R05A-01WS-07-ADLT-240911	deformed anal fin
			HBMP-R05A-01WS-10-ADLT-240911	topof caudal fin missing
	Yellow Perch	Adult	HBMP-R05A-01YP-03-ADLT-240911	Blackspot
			HBMP-R05A-01YP-10-ADLT-240911	Blackspot, yellow grubs below each eye
R5C	Largemouth bass	Adult	HBMP-R05C-01LB-04-ADLT-240910	Black spot
			HBMP-R05C-01LB-05-ADLT-240910	black spot
			HBMP-R05C-01LB-09-ADLT-240910	black spot
	Yellow Perch	Adult	HBMP-R05C-01YP-01-ADLT-240910	black spot
			HBMP-R05C-01YP-03-ADLT-240910	damage to caudal fin, black spot
			HBMP-R05C-01YP-05-ADLT-240910	black spot
			HBMP-R05C-01YP-06-ADLT-240910	abnormality/growth over eyes, black spot
			HBMP-R05C-01YP-07-ADLT-240910	black spot
			HBMP-R05C-01YP-08-ADLT-240910	black spot
			HBMP-R05C-01YP-10-ADLT-240910	black spot
R6	Yellow Perch	Adult	HBMP-R06-01YP-04-ADLT-240911	Blackspot
			HBMP-R06-01YP-05-ADLT-240911	Blackspot
R7G	Brown bullhead	Adult	HBMP-R07G-01BB-01-ADLT-240919	Melanoma
			HBMP-R07G-01BB-02-ADLT-240919	General fin erosion
			HBMP-R07G-01BB-08-ADLT-240919	General fin erosion
			HBMP-R07G-01BB-10-ADLT-240919	Leech on left pectoral fin, lesion on lower mandible, melanoma, spine damage
	Yellow Perch	Adult	HBMP-R07G-01YP-01-ADLT-240919	Blackspot
			HBMP-R07G-01YP-03-ADLT-241003	black spot,
R8	Brown bullhead	Adult	HBMP-R08-01BB-01-ADLT-240919	Erosion of right pectoral fin
			HBMP-R08-01BB-03-ADLT-240919	split dorsal spine
			HBMP-R08-01BB-04-ADLT-240919	Right pectoral fin erosion
	Largemouth bass	Adult	HBMP-R08-01LB-02-ADLT-240919	Wound on lower mandible
	Yellow Perch	Adult	HBMP-R08-01YP-01-ADLT-240919	Blackspot
			HBMP-R08-01YP-04-ADLT-240919	Blackspot
R9	Largemouth bass	Adult	HBMP-R09-01LB-02-ADLT-240912	wound on right side, yellow grub on caudal fin
R10	Brown bullhead	Adult	HBMP-R10-01BB-01-ADLT-240917	Missing barbel
			HBMP-R10-01BB-03-ADLT-240911	Leech on caudal fin
R11	Smallmouth Bass	Adult	HBMP-R11-01SB-06-ADLT-240917	Blackspot
			HBMP-R11-01SB-09-ADLT-240917	Blackspot
			HBMP-R11-01SB-10-ADLT-240917	Blackspot
R12	Brown bullhead	Adult	HBMP-R12-01BB-01-ADLT-240917	Leech attached to caudal fin
			HBMP-R12-01BB-01-ADLT-240918	Pectoral and dorsal fin erosion
			HBMP-R12-01BB-02-ADLT-240917	Right pectoral fin erosion
			HBMP-R12-01BB-05-ADLT-240917	General fin erosion
	Northern Pike	Adult	HBMP-R12-01NP-03-ADLT-241002	Blackspot
	Smallmouth Bass	Adult	HBMP-R12-01SB-02-ADLT-241002	Lesion on lower mandible
			HBMP-R12-01SB-04-ADLT-241002	Split caudal fin
			HBMP-R12-01SB-06-ADLT-241002	Lesion on caudal fin
			HBMP-R12-01SB-07-ADLT-241002	Split dorsal fin, missing lower end of caudal fin
	Yellow Perch	Adult	HBMP-R12-01YP-01-ADLT-241002	Abrasion on left side, wound on right side, blackspot, split spiny dorsal fin and split soft dorsal
			HBMP-R12-01YP-02-ADLT-240917	Blackspot
			HBMP-R12-01YP-03-ADLT-241002	Blackspot
			HBMP-R12-01YP-05-ADLT-240917	shallow laceration on left side
			HBMP-R12-01YP-06-ADLT-240917	Yellow grub on caudal fin and left eye

Table 2-7
Observations of 2024 Fish Abnormalities

Reach	Species	Age	Sample ID	Abnormalities
R13	Smallmouth Bass	Adult	HBMP-R13-01SB-01-ADLT-240913	black spot
			HBMP-R13-01SB-03-ADLT-240913	erosion to spiny dorsal fin
			HBMP-R13-01SB-07-ADLT-240913	damage to left mandible
			HBMP-R13-01SB-08-ADLT-240913	lesion on right pectoral fin and right peduncle, lesion on left caudal fin.
			HBMP-R13-01SB-09-ADLT-240913	left operculum damaged
	Yellow Perch	Adult	HBMP-R13-01YP-02-ADLT-240913	black spot
			HBMP-R13-01YP-04-ADLT-240913	black spot
			HBMP-R13-01YP-06-ADLT-240913	black spot
			HBMP-R13-01YP-14-ADLT-240913	black spot
			HBMP-R13-01YP-15-ADLT-240913	black spot
R14	Brown bullhead	Adult	HBMP-R14-01BB-02-ADLT-240917	Missing barbel, lesion on lower mandible
			HBMP-R14-01BB-03-ADLT-240917	Right pectoral fin
			HBMP-R14-01BB-04-ADLT-240917	Missing barbel
			HBMP-R14-01BB-06-ADLT-240917	Yellow grubs on caudal fins, fin erosion
	Northern Pike	Adult	HBMP-R14-01NP-03-ADLT-240918	Blackspot
			HBMP-R14-01NP-04-ADLT-240918	Blackspot
			HBMP-R14-01NP-06-ADLT-240918	Blackspot
			HBMP-R14-01NP-07-ADLT-240918	Blackspot
			HBMP-R14-01NP-08-ADLT-240918	Blackspot
	Smallmouth Bass	Adult	HBMP-R14-01SB-01-ADLT-240917	Absess on lower mandible
			HBMP-R14-01SB-04-ADLT-240917	Caudal fin erosion, split dorsal fin, lesion near the mouth
	Yellow Perch	Adult	HBMP-R14-01YP-05-ADLT-240913	black spot
			HBMP-R14-01YP-07-ADLT-240913	black spot
			HBMP-R14-01YP-09-ADLT-240913	black spot
R15	Brown bullhead	Adult	HBMP-R15-01BB-05-ADLT-240913	missing right barbel
			HBMP-R15-01BB-09-ADLT-240913	black spots
	Northern Pike	Adult	HBMP-R15-01NP-05-ADLT-240913	black spot
			HBMP-R15-01NP-10-ADLT-240913	black spot
			HBMP-R15-01NP-11-ADLT-240913	black spot
			HBMP-R15-01NP-12-ADLT-240913	deformity in caudal peduncle
	Yellow Perch	Adult	HBMP-R15-01YP-10-ADLT-240913	black spot
R16	Brown bullhead	Adult	HBMP-R16-01BB-01-ADLT-240918	General fin erosion
			HBMP-R16-01BB-03-ADLT-240918	Burned barbel, general fin erosion
			HBMP-R16-01BB-04-ADLT-240918	Missing bottom piece of caudal fin, melanoma, lesion in the mouth
			HBMP-R16-01BB-05-ADLT-240918	Fin erosion
			HBMP-R16-01BB-06-ADLT-240918	Right pectoral fin erosion, burned barbel, mouth lesion
			HBMP-R16-01BB-08-ADLT-240918	Missing left pelvic fin
			HBMP-R16-01BB-09-ADLT-240918	General fin erosion
	Northern Pike	Adult	HBMP-R16-01NP-03-ADLT-240919	blackspot, missing piece of soft dorsal fin
			HBMP-R16-01NP-04-ADLT-240919	Blackspot
			HBMP-R16-01NP-08-ADLT-240919	Lesion on upper mandible, blackspot, left eye clouded
	Smallmouth Bass	Adult	HBMP-R16-01SB-02-ADLT-240918	Blackspot
			HBMP-R16-01SB-03-ADLT-240918	Blackspot
			HBMP-R16-01SB-04-ADLT-240918	Blackspot
			HBMP-R16-01SB-07-ADLT-240918	Wound on the left side
			HBMP-R16-01SB-08-ADLT-240918	Blackspot, leech inside mouth
			HBMP-R16-01SB-10-ADLT-240918	Blackspot
	Yellow Perch	Adult	HBMP-R16-01YP-01-ADLT-240918	Blackspot
			HBMP-R16-01YP-02-ADLT-240918	Blackspot
			HBMP-R16-01YP-04-ADLT-240918	Blackspot
			HBMP-R16-01YP-05-ADLT-240918	Blackspot
			HBMP-R16-01YP-06-ADLT-240918	Blackspot
			HBMP-R16-01YP-07-ADLT-240918	Blackspot
			HBMP-R16-01YP-08-ADLT-240918	Blackspot
			HBMP-R16-01YP-10-ADLT-240918	Blackspot

Table 2-9a
Summary Statistics for 2024 Surface Sediment PCB Data

Reach	Number of Composite Samples	Surface Sediment PCB Concentration (mg/kg)				
		Minimum	Maximum	Mean	Median	Standard Deviation
R7A	15	0.0092	0.19	0.10	0.099	0.055
R7D	37	0.022	0.49	0.12	0.096	0.095
R7F	19	0.030	0.24	0.088	0.080	0.057
R7H	5	0.0093	0.13	0.049	0.036	0.051
R9	20	ND	0.48	0.11	0.038	0.16
R10	15	0.011	0.13	0.065	0.050	0.040
R11	15	ND	0.023	0.018	ND	0.0046
R12	10	ND	0.024	0.015	ND	0.0074
R13	9	ND	0.026	0.018	ND	0.0049
R14	20	0.034	0.19	0.10	0.096	0.045
R15	10	ND	0.091	0.032	ND	0.024
R16	9	ND	ND	ND	ND	ND

Notes:
Non-detect PCBs were set to method detection limit when calculating the statistics.
ND: Non-detect
PCB: polychlorinated biphenyl

Table 2-9b
Summary Statistics for 2024 Surface Sediment TOC Data

Reach	Number of Composite Samples	Surface Sediment TOC Concentration (pct)				
		Minimum	Maximum	Mean	Median	Standard Deviation
R7A	15	0.11	10	1.4	0.70	2.5
R7D	37	0.12	3.1	0.80	0.60	0.67
R7F	19	0.16	1.6	0.47	0.34	0.35
R7H	5	0.17	0.77	0.36	0.30	0.24
R9	20	0.11	2.8	0.58	0.24	0.71
R10	15	0.19	2.9	0.85	0.54	0.80
R11	15	0.037	0.36	0.15	0.14	0.077
R12	10	0.12	0.91	0.34	0.19	0.26
R13	9	0.11	0.81	0.36	0.35	0.24
R14	20	1.4	7.0	4.1	4.1	1.4
R15	10	0.23	4.7	2.1	2.1	1.5
R16	9	0.12	0.63	0.30	0.23	0.19

Note:
TOC: total organic carbon

Table 2-11

Summary Statistics for 2024 Waterfowl PCB Aroclor Data

Reach	Species/Bait	Number of Samples	Total Arcolor PCB Concentration (mg/kg)					Lipid Content (%)		
			Min	Max	Mean	Median	Standard Deviation	Min	Max	Mean
6	Mallard	7	0.86	5.8	2.6	2.0	1.7	0.36	7.5	2.3
6	Wood Duck	20	0.44	5.3	1.5	1.4	1.1	1.6	10	5.4
8	Mallard	0	--	--	--	--	--	--	--	--
8	Wood Duck	0	--	--	--	--	--	--	--	--
12	Mallard	0	--	--	--	--	--	--	--	--
12	Wood Duck	13	0.015	0.99	0.28	0.16	0.30	1.6	14	6.4
6 and 12	Cracked Corn	5	ND	ND	ND	ND	ND	--	--	--

Notes:

Duplidate samples were averaged.

mg/kg: milligram per kilogram

ND: Analyte was not detected.

PCB: polychlorinated biphenyl

Table 2-12

Summary Statistics for 2024 Waterfowl PCB Congener Data

Reach	Species	Number of Samples	Total Congener PCB Concentration (mg/kg)				
			Min	Max	Mean	Median	Standard Deviation
6	Mallard	4	0.67	4.7	3.1	3.6	1.9
6	Wood Duck	4	0.96	2.8	1.9	1.9	0.81
8	Mallard	0	--	--	--	--	--
8	Wood Duck	0	--	--	--	--	--
12	Mallard	0	--	--	--	--	--
12	Wood Duck	4	0.015	0.28	0.16	0.18	0.12

Notes:

mg/kg: milligram per kilogram

PCB: polychlorinated biphenyl

Table 2-13

Summary of 2024 Benthic Invertebrate PCB Congener and Lipid Data

Sample ID	Date Collected	Total PCBs as Congeners (mg/kg)	Lipids (%)
5A-T-1	10/8/2024	6.47 J	1.8
5B-T-1	10/7/2024	0.573 J	0.87
5C-T-1	10/8/2024	0.749 J	1.0
7D-T-1	10/9/2024	5.5 J	1.8
7H-T-1	10/9/2024	3.6 J [4.7 J]	2.8 [2.5]
11-T-1	10/10/2024	0.898 J	3.7
11-T-2	10/10/2024	1.07 J	5.8
11-T-3	10/10/2024	0.244 J	0.83

Notes:

Duplicate sample result is presented in brackets.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

mg/kg: milligram per kilogram

PCB: polychlorinated biphenyl

Appendix A
Data Validation Reports (Surface Water)

Table A-1
Summary of Surface Water Data Validation Reports and Data Usability

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River – Rest of River

Data Validation Report	Sample Data Group	Validation Level	PCBs		TSS	
			Sample Count	Percent Usability	Sample Count	Percent Usability
53398R	10682229, 10682325, 10682496, 10682513, 10682774, 10682899	Tier I	16	100.0%	15	100.0%
58511R	10684056, 10684109, 10684246, 10684289	Tier I	16	100.0%	15	100.0%
59099R	10686579, 10686796, 10686845	Tier II	16	100.0%	15	100.0%
58556R	10689230, 10689293, 10689511, 10689785, 10690011, 10690033	Tier I	16	100.0%	15	100.0%
58576R	10693335, 10693693	Tier I	16	100.0%	15	100.0%
59100R	10698286, 10698296, 10698585, 10698693	Tier II	16	100.0%	15	100.0%
61021R	10701502, 10702026, 10702066	Tier I	16	100.0%	15	100.0%
58577R	10704414, 10704693, 10704779	Tier I	18	100.0%	17	100.0%
58579R	10708873, 10709116, 10709174	Tier I	18	100.0%	17	100.0%
59101R	10711384, 10711510, 10711985	Tier II	18	100.0%	17	100.0%
59368R	10715814, 10715850, 10715851, 10716050, 10716229	Tier I	16	100.0%	15	100.0%
59369R	10718585, 10718624, 10719281, 10719470	Tier I	16	100.0%	15	100.0%
		Total:	**198**	**100.0%**	**186**	**100.0%**

Notes:
1. Tier II validation level includes Tier I and Tier II data reviews; approximately 25% of the samples underwent Tier II validation.
2. Sample count includes duplicate samples and field blanks, where applicable.
PCBs - Polychlorinated Biphenyls (as congeners)
TSS - Total Suspended Solids

General Electric Company

Data Validation Report

Baseline Surface Water Monitoring
Housatonic River – Rest of River
Pittsfield, Massachusetts

Polychlorinated Biphenyl (PCB) Congeners and Total Suspended Solids (TSS) Analyses

SDGs # 10682229, 10682325, 10682496, 10682513, 10682774, and 10682899

Tier I Level Data Review

Analyses Performed By:
Pace Analytical Services, Inc, Minneapolis, Minnesota
And
Pace Analytical Services, Melville, New York

Report # 53398R
Project: 30299972.3000

Table of Contents

1 Summary 1
1.1 Analytical Data Package Documentation 2
1.2 Data Validation Procedures 3
2 Polychlorinated Biphenyl Congener Analyses 5
2.1 Holding Times 5
2.2 Blank Contamination 5
2.3 Field Duplicate Analysis 7
2.4 Compound Identification 10
2.5 Data Validation Checklist for PCB Congeners 10
3 General Chemistry Analyses 11
3.1 Holding Times 11
3.2 Field Duplicate Analysis 11
3.3 Data Validation Checklist for General Chemistry 11
4 Overall Data Usability 12

Tables

Table 1. Summary of Samples Subjected to Tier I Data Validation 1
Table 2. Evaluation of Data Package Completeness 2
Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation 4
Table 4. Holding Time for Method SW-846 8270D-SIM and USEPA Method 1668C 5
Table 5. Summary of Blank Contamination Qualifications 5
Table 6. Summary of Field Duplicate Analysis 7
Table 7. Data Validation Checklist for Polychlorinated Biphenyls 10
Table 8. Specified Holding Time 11
Table 9. Summary of Field Duplicate Analysis 11
Table 10. Data Validation Checklist for General Chemistry 11
Table 11. Overall Summary of Data Usability 12

Appendices

Appendix A Chain of Custody
Appendix B Annotated Sample Analysis Data Sheets

1 Summary

This attachment summarizes the data validation review of Sample Delivery Groups (SDGs) 10682229, 10682325, 10682496, 10682513, 10682774, and 10682899 performed on behalf of the General Electric Company (GE) for surface water sampling activities conducted as part of the Baseline Monitoring at the GE-Pittsfield/Housatonic River Site. The review was conducted at a Tier I level and included review of data package completeness. Field documentation was not included in this review. Included with this assessment are the chain-of-custody forms (Appendix A) and the validation annotated sample analysis data sheets (Appendix B). Analyses were performed on the samples listed in Table 1.

Table 1. Summary of Samples Subjected to Tier I Data Validation

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
10682229	DERBY DAM_20240122	10682229001	Water	1/22/2024			X
	STEVENSON DAM_20240122	10682229002	Water	1/22/2024			X
	RT. 202 BRIDGE_20240122	10682229003	Water	1/22/2024			X
	RT. 341 BRIDGE_20240123	10682229004	Water	1/23/2024			X
	CANAAN TOWN LINE BRIDGE_20240123	10682229005	Water	1/23/2024			X
	FALLS VILLAGE DAM_20240123	10682229006	Water	1/23/2024			X
	RANNAPO RD BRIDGE_20240124	10682229007	Water	1/24/2024			X
	RISING POND DAM_20240124	10682229008	Water	1/24/2024			X
	OLD PLEASANT STREET BRIDGE_20240124	10682229009	Water	1/24/2024			X
	HR-D1_20240124	10682229010	Water	1/24/2024	RISING POND DAM_20240124		X
	WOODS POND DAM_20240125	10682229011	Water	1/25/2024			X
	NEW LENOX RD BRIDGE_20240125	10682229012	Water	1/25/2024			X
10682325	DERBY DAM_20240122	10682325001	Water	1/22/2024		X	
	STEVENSON DAM_20240122	10682325002	Water	1/22/2024		X	
	RT. 202 BRIDGE_20240122	10682325003	Water	1/22/2024		X	
	RT. 341 BRIDGE_20240123	10682325004	Water	1/23/2024		X	
	HR-EB1.2401220830	10682325005	Water	1/22/2024		X	
	CANAAN TOWN LINE BRIDGE_20240123	10682325006	Water	1/23/2024		X	
	FALLS VILLAGE DAM_20240123	10682325007	Water	1/23/2024		X	
	RANNAPO RD BRIDGE_20240124	10682325008	Water	1/24/2024		X	
	RISING POND DAM_20240124	10682325009	Water	1/24/2024		X	
	OLD PLEASANT STREET BRIDGE_20240124	10682325010	Water	1/24/2024		X	
	HR-D1_20240124	10682325011	Water	1/24/2024	RISING POND DAM_20240124	X	

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
	NEW LENOX RD BRIDGE_20240125	10682325012	Water	1/25/2024		X	
10682496	POMEROY AVENUE BRIDGE_20240126	10682496001	Water	1/26/2024			X
10682513	WOODS POND DAM_20240125	10682513001	Water	1/25/2024		X	
	POMEROY AVENUE BRIDGE_20240126	10682513003	Water	1/26/2024		X	
10682774	SHEPAUG DAM_20240130	10682774001	Water	1/30/2024		X	
	NEAR PITTSFIELD WWTP_20240131	10682774002	Water	1/31/2024		X	
10682899	SHEPAUG DAM_20240130	10682899001	Water	1/30/2024			X
	NEAR PITTSFIELD WWTP_20240131	10682899002	Water	1/31/2024			X

Notes:
PCB = Polychlorinated Biphenyl Congeners
TSS = Total suspended solids

1.1 Analytical Data Package Documentation

The table below is the evaluation of the data package completeness.

Table 2. Evaluation of Data Package Completeness

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

Note:
QA = Quality Assurance

1. SDG# 10682513 – As per COC, the sample WOODS POND DAM (LAB DUP)_20240125 (10682513002) submitted to laboratory for duplicate analysis. Hence, this sample was not considered as regular field sample in this data validation report.

1.2 Data Validation Procedures

Analyses were performed according to United States Environmental Protection Agency (EPA) SW-846 Method 1668C and Standard Method 2540D. Data were reviewed in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan – GE-Pittsfield/Housatonic River Site (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, prepared by Arcadis (Revised December 21, 2023);
- EPA Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (July 1996, revised December 1996) (EPA Region I Guidelines);
- EPA National Functional Guidelines for High Resolution Superfund Methods Data Review OLEM 9240.1-65EPA, 542-R-20-007 (November 2020); and
- Second Revised Baseline Monitoring Plan, Housatonic River – Rest of River, General Electric Company, Pittsfield, Massachusetts, prepared by Anchor QEA (January 2023).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers:
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers:
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
  - JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
  - UB Compound considered non-detect at the listed value due to associated blank contamination.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

R The sample results are rejected.

Two facts should be noted by all data users. First, the “R” flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. “R” values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Section 7.5 of the revised FSP/QAPP states that all analytical data will be validated to a Tier I level following the procedures presented in the EPA Region I Guidelines. The Tier I review consisted of a completeness evidence audit, as outlined in the EPA Region I CSF Completeness Evidence Audit Program (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the EPA Region I Tier I data completeness requirements.

Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the number of sample analyses subject to Tier I data review is presented in the following table.

Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	14	1	1	0	0	0	16
TSS	14	1	0	0	0	0	15

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in EPA Region I Guidelines. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. The annotated sample analysis data sheets attached to this validation report (Appendix B) reflect any added data qualifiers.

2 Polychlorinated Biphenyl Congener Analyses

2.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 4. Holding Time for Method SW-846 8270D-SIM and USEPA Method 1668C

Method	Matrix	Holding Time	Preservation
SW-846 USEPA Method 1668C	Water	One year from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria.

2.2 Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

All compounds associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the compounds listed in the following table. Sample results associated with QA blank contamination that were greater than the BAL resulted in the removal of the laboratory qualifier (B) of data. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Table 5. Summary of Blank Contamination Qualifications

Sample Locations	Compounds	Blank	Sample Result	Qualification
CANAAN TOWN LINE BRIDGE_20240123 DERBY DAM_20240122 FALLS VILLAGE DAM_20240123 RT. 202 BRIDGE_20240122 RT. 341 BRIDGE_20240123 STEVENSON DAM_20240122 POMEROY AVENUE BRIDGE_20240126 SHEPAUG DAM_20240130	PCB-110/115	Equipment blank (HR-EB1.2401220830)	Detected sample results >RL and <BAL	“U” at detected sample concentration

Sample Locations	Compounds	Blank	Sample Result	Qualification
CANAAN TOWN LINE BRIDGE_20240123 DERBY DAM_20240122 FALLS VILLAGE DAM_20240123 HR-D1_20240124 RISING POND DAM_20240124 RT. 341 BRIDGE_20240123 STEVENSON DAM_20240122 POMEROY AVENUE BRIDGE_20240126 SHEPAUG DAM_20240130	PCB-118			
DERBY DAM_20240122 STEVENSON DAM_20240122	PCB-147/149			
DERBY DAM_20240122 STEVENSON DAM_20240122 SHEPAUG DAM_20240130	PCB-4			
HR-D1_20240124 NEW LENOX RD BRIDGE_20240125 OLD PLEASANT STREET BRIDGE_20240124 RANNAPO RD BRIDGE_20240124 RISING POND DAM_20240124 POMEROY AVENUE BRIDGE_20240126 WOODS POND DAM (LAB DUP)_20240125 WOODS POND DAM_20240125 NEAR PITTSFIELD WWTP_20240131	PCB-8			
CANAAN TOWN LINE BRIDGE_20240123 DERBY DAM_20240122 FALLS VILLAGE DAM_20240123 RT. 202 BRIDGE_20240122 RT. 341 BRIDGE_20240123 STEVENSON DAM_20240122 POMEROY AVENUE BRIDGE_20240126 SHEPAUG DAM_20240130	PCB-90/101/113			

Sample Locations	Compounds	Blank	Sample Result	Qualification
CANAAN TOWN LINE BRIDGE_20240123 FALLS VILLAGE DAM_20240123 RANNAPO RD BRIDGE_20240124 RT. 202 BRIDGE_20240122 RT. 341 BRIDGE_20240123 STEVENSON DAM_20240122 POMEROY AVENUE BRIDGE_20240126 SHEPAUG DAM_20240130	PCB-95			
CANAAN TOWN LINE BRIDGE_20240123 DERBY DAM_20240122 FALLS VILLAGE DAM_20240123 RT. 202 BRIDGE_20240122 RT. 341 BRIDGE_20240123 STEVENSON DAM_20240122 POMEROY AVENUE BRIDGE_20240126 SHEPAUG DAM_20240130	PCB-99			

Note:
RL = Reporting limit

2.3 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In an instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 6. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
RISING POND DAM_20240124 / HR-D1_20240124	PCB-1	0.127	0.109	AC
	PCB-10	0.0454	0.0441	AC
	PCB-103	0.0535	0.0516	AC
	PCB-105	0.0478	0.0364	AC
	PCB-110/115	0.421	0.373	12.1%
	PCB-118	0.186	0.154	AC
	PCB-128/166	0.0751	0.0594	AC

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
	PCB-129/138/163	1.19	0.963	AC
	PCB-130	0.0557	0.0446	AC
	PCB-132	0.311	0.253	20.6%
	PCB-133	0.0303	0.0229	AC
	PCB-134/143	0.0524 U	0.0492	AC
	PCB-135/151	0.638	0.534	17.7%
	PCB-136	0.180	0.151	17.5%
	PCB-141	0.254	0.210	19.0%
	PCB-144	0.0617	0.0495	AC
	PCB-146	0.249	0.173	36.0%
	PCB-147/149	1.26	1.05	18.2%
	PCB-15	0.0483	0.0427	AC
	PCB-153/168	1.30	1.06	20.3%
	PCB-154	0.0389	0.0306	AC
	PCB-156/157	0.0587	0.0436	AC
	PCB-158	0.0802	0.0629	AC
	PCB-16	0.0262 U	0.0199	AC
	PCB-164	0.0793	0.0632	AC
	PCB-167	0.0363	0.0276	AC
	PCB-17	0.134	0.130	AC
	PCB-170	0.401	0.330	19.4%
	PCB-171/173	0.129	0.107	AC
	PCB-172	0.0818	0.0700	AC
	PCB-174	0.506	0.410	21.0%
	PCB-176	0.0633	0.0495	AC
	PCB-177	0.300	0.244	20.6%
	PCB-178	0.123	0.0988	AC
	PCB-179	0.237	0.185	24.6%
	PCB-18/30	0.0943	0.0912	AC
	PCB-180/193	0.999	0.826	19.0%
	PCB-183/185	0.324	0.268	18.9%
	PCB-187	0.631	0.492	24.8%
	PCB-19	0.709	0.705	0.6%
	PCB-190	0.0930	0.0761	AC
	PCB-194	0.213	0.174	20.2%
	PCB-195	0.0954	0.0774	AC
	PCB-196	0.112	0.0857	AC

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
	PCB-198/199	0.243	0.189	AC
	PCB-201	0.0298	0.0220	AC
	PCB-202	0.0484	0.0372	AC
	PCB-203	0.142	0.113	AC
	PCB-206	0.0547	0.0428	AC
	PCB-25	0.0475	0.0456	AC
	PCB-26/29	0.0681	0.0664	AC
	PCB-27	0.106	0.112	AC
	PCB-32	0.150	0.143	4.8%
	PCB-4	1.66	1.62	2.4%
	PCB-40/41/71	0.133	0.127	AC
	PCB-42	0.0450	0.0447	AC
	PCB-44/47/65	1.00	0.955	4.6%
	PCB-45/51	0.587	0.563	4.2%
	PCB-46	0.0323	0.0328	AC
	PCB-49/69	0.575	0.557	3.2%
	PCB-50/53	0.452	0.437	3.4%
	PCB-52	0.435	0.429	1.4%
	PCB-54	0.174	0.161	7.8%
	PCB-6	0.0421	0.0380	AC
	PCB-64	0.0262 U	0.0237	AC
	PCB-66	0.0717	0.0691	AC
	PCB-8	0.0591	0.0547	AC
	PCB-84	0.0637	0.0593	AC
	PCB-86/87/97/108/119/125	0.202	0.182	AC
	PCB-88/91	0.178	0.165	AC
	PCB-90/101/113	0.621	0.562	10.0%
	PCB-92	0.174	0.159	9.0%
	PCB-93/98/100/102	0.162	0.143	AC
	PCB-94	0.0389	0.0361	AC
	PCB-95	0.459	0.444	3.3%
	PCB-99	0.264	0.230	13.8%

Note:
AC = Acceptable

The compound PCB-146 associated with sample locations RISING POND DAM_20240121 / HR-D1_20240124 exhibited a field duplicate RPD greater than the control limit. The associated sample results from sample locations for the analytes were qualified as estimated.

2.4 Compound Identification

PCB congeners by 1668C are identified by using the compound's ion abundance ratios, signal-to-noise values, and relative retention times.

An EMPC or "estimated maximum possible concentration" designation is given to compounds which have signals eluting within the established retention time window which would, if positively identified, be above the detection limit. The signals do not, however, meet the ion abundance ratio criteria and cannot be identified as the compound of interest. The EMPC value is the estimated concentration of the interferant quantitated "as the compound of interest". This value should be considered an elevated detection limit based on potential compound identification and quantitation interference. If the EMPC value is above the reporting limit, the qualifier UX has been added to the sample results to indicate the elevated detection limit as EMPC. If the EMPC value is below the reporting limit, the compound is reported as non-detect at the reporting limit and no qualification is added.

2.5 Data Validation Checklist for PCB Congeners

Table 7. Data Validation Checklist for Polychlorinated Biphenyls

PCB Congeners; EPA1668C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
HIGH RESOLUTION GAS CHROMATOGRAPHY/HIGH RESOLUTION MASS SPECTROMETRY (HRGC/HRMS)					
Tier I Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks		X	X		
Field/Lab Duplicate (RPD)		X	X		
Dilution Factor		X		X	
Moisture Content	X				X
Ion abundance criteria for each instrument used		X	X		
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%RPD = Relative percent difference
%R = Percent recovery

When the laboratory case narrative outlines a quality issue and/or the laboratory applies qualifiers that exhibit potential QC issues beyond Tier I it will be added to the checklist above and the usability of the data will be addressed.

3 General Chemistry Analyses

3.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 8. Specified Holding Time

Method	Matrix	Holding Time	Preservation
Total Suspended Solids (TSS) by SM2540D	Water	7 days from collection to analysis	Cool to <6 °C.

All samples were analyzed within the specified holding time criteria.

3.2 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 9. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Analyte	Sample Result	Duplicate Result	RPD
RISING POND DAM_20240124 / HR-D1_20240124	TSS	2.0	3.2	AC

Note:
AC = Acceptable

3.3 Data Validation Checklist for General Chemistry

Table 10. Data Validation Checklist for General Chemistry

General Chemistry: SM2540D	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Miscellaneous Instrumentation					
Tier I Validation					
Holding Times		X		X	
Reporting limits (units)		X		X	
Field/Lab Duplicate (RPD)		X		X	
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%R = Percent recovery
RPD = Relative percent difference

4 Overall Data Usability

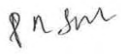
This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under Tier I data validation review. The percent usability calculation also includes quality control samples (i.e., field/equipment blanks, trip blanks, and field duplicates) to aid in the evaluation of data usability. Data usability is summarized in the following table.

Table 11. Overall Summary of Data Usability

Parameter	Percent Usability	Rejected Data
PCBs	100%	0
TSS	100%	0

The data package completeness, as determined from the Tier I data review was used to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses (discussed in this report) to provide a measure of compliance of the analytical data with the Data Quality Objectives specified in the FSP/QAPP.

VALIDATION PERFORMED BY: Suresh PR

SIGNATURE: 

DATE: April 8, 2024

PEER REVIEW: Andrew Korycinski

DATE: April 9, 2024

Appendix A

Chain of Custody

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO# : 70285385

PM: BDR Due Date: 02/15/24

CLIENT: Pace-MN

ce Workorder Number or

USE ONLY

Manager: BDR

Company: Arcadis	Billing Information: accountspayable, administration @arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146, 30000 Housatonic River BMP	State: MA / County/City: Pittsfield / Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET
Phone: 315-671-9374 Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabosco	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): Pendyl T. Rabosco	Turnaround Date Required: Standard / Immediately Packed on Ice: [✓] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: TSS low level SM2540D *
Derby Dam	WT		01/22/24	12:30				1	X
Stevenson Dam	WT		01/22/24	13:45				1	X
Rt. 202 Bridge	WT		01/22/24	16:30				1	X
Rt. 341 Bridge	WT		01/23/24	14:30				1	X
Canaan Town Line Bridge	WT		01/23/24	16:00				1	X
Falls Village Dam	WT		01/23/24	12:00				1	X
Rannapo Rd Bridge	WT		01/24/24	12:30				1	X
Rising Pond Dam	WT		01/24/24	14:30				1	X
Old Pleasant Street Bridge	WT		01/24/24	16:30				1	X
HR-D1	WT		01/24/24	—				1	X

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:
* Please use Entire Sample for analysis.
Short Hold Time
Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used: Other

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 6093 7243 1557 2943171

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: IR21
Cooler 1 Temp Upon Receipt: 4.0 oC
Cooler 1 Therm Corr. Factor: 1.0 oC
Cooler 1 Corrected Temp: 4.4 oC
Comments:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 2

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Pendyl T. Rabosco/Arcadis	01/25/24 17:00	ASF PACE U3	1/26/24 9:40
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO# : 70285385

PM: BDR Due Date: 02/15/24

CLIENT: Pace-MN

Workorder Number or

SE ONLY

Company: Arcadis	Billing Information: accountspayable, administration @ arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185746.3000 Housatonic River BMP	State: MA / County/City: Pittsfield / Time Zone Collected: [ ]PT [ ]MT [ ]CT [✓]ET
Phone: / Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): Pavlos T. Rabasco	Turnaround Date Required: Standard / Immediately Packed on Ice: [✓] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis:

Container Preservative Type: U

Manager: BDR

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses: TSS Low Level SM2540D *

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	TSS Low Level SM2540D *
Woods Pond Dam	WT		01/25/24	11:45				1	X
New Lenox Rd Bridge	WT		01/25/24	13:00				1	X

Customer Remarks / Special Conditions / Possible Hazards:
* Please use entire sample for analysis. Short Hold Time Refer to Contract

Type of Ice Used: Wet / Blue / Dry / None

Packing Material Used: Other

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 6092 7243 1557 2943172

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: IR24
Cooler 1 Temp Upon Receipt: 4.6 °C
Cooler 1 Therm Corr. Factor: +0.4 °C
Cooler 1 Corrected Temp: 4.4 °C
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Pavlos T. Rabasco / Arcadis	01/25/24 17:00	ASC PACE LJ	1/26/24 9:40
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 2 of: 2

Appendix B

Annotated Sample Analysis Data Sheets

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10682229

Sample: Derby Dam **Lab ID: 10682229001** Collected: 01/22/24 12:30 Received: 01/26/24 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.0	1		01/26/24 15:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10682229

Sample: Stevenson Dam **Lab ID: 10682229002** Collected: 01/22/24 13:45 Received: 01/26/24 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**3.2**	mg/L	2.0	1		01/26/24 15:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10682229

Sample: Rt. 202 Bridge **Lab ID: 10682229003** Collected: 01/22/24 16:30 Received: 01/26/24 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.8**	mg/L	2.0	1		01/26/24 15:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10682229

Sample: Rt. 341 Bridge **Lab ID: 10682229004** Collected: 01/23/24 14:30 Received: 01/26/24 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.0**	mg/L	2.0	1		01/26/24 15:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10682229

Sample: Canaan Town Line Bridge **Lab ID: 10682229005** Collected: 01/23/24 16:00 Received: 01/26/24 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.4**	mg/L	2.0	1		01/26/24 15:27		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10682229

Sample: Falls Village Dam **Lab ID: 10682229006** Collected: 01/23/24 12:00 Received: 01/26/24 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.8**	mg/L	2.0	1		01/26/24 15:27		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10682229

Sample: Rannapo Rd Bridge **Lab ID: 10682229007** Collected: 01/24/24 12:30 Received: 01/26/24 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**6.8**	mg/L	2.0	1		01/29/24 10:02		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10682229

Sample: Rising Pond Dam **Lab ID: 10682229008** Collected: 01/24/24 14:30 Received: 01/26/24 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.0	1		01/29/24 10:02		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10682229

Sample: Old Pleasant Street Bridge **Lab ID: 10682229009** Collected: 01/24/24 16:30 Received: 01/26/24 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.8**	mg/L	2.0	1		01/29/24 10:02		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10682229

Sample: HR-D1 **Lab ID: 10682229010** Collected: 01/24/24 00:00 Received: 01/26/24 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**3.2**	mg/L	2.0	1		01/29/24 10:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10682229

Sample: Woods Pond Dam **Lab ID: 10682229011** Collected: 01/25/24 11:45 Received: 01/26/24 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**10.0**	mg/L	2.0	1		01/31/24 10:06		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10682229

Sample: New Lenox Rd Bridge **Lab ID: 10682229012** Collected: 01/25/24 13:00 Received: 01/26/24 09:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**17.2**	mg/L	2.0	1		01/31/24 10:06		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Worko

WO#: 10682325

10682325

ALL SHADE

Container Preservative Typ

U

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Report No: 10682325 166

Company: Arcadis

Billing Information: accountspayable.administration@arcadis.com

Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202

Report To: Dave Knutsen

Email To: David.Knutsen@Arcadis.com

Copy To:

Site Collection Info/Address: Housatonic River

Customer Project Name/Number: 30185146.3000 Housatonic River BMP

State: County/City: MA/ Pittsfield

Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Phone: 315-671-9374

Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): P. Rabasco

Purchase Order #:

Quote #:

DW PWS ID #:

DW Location Code:

Collected By (signature): Pamela T. Rabasco

Turnaround Date Required: Standard

Immediately Packed on Ice: [ ] Yes [ ] No

Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

Analyses

Lab Profile/Line: 456043

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	PCB 1668	Lab Sample # / Comments
Derby Dam	WT		01/22/24	12:30				4	X	001
Stevenson Dam	WT		01/22/24	13:45				4	X	002
Rt. 202 Bridge	WT		01/22/24	16:30				4	X	003
Rt. 341 Bridge	WT		01/23/24	14:30				4	X	004
HR-EB1	WT		01/22/24	8:30				4	X	005
Canaan Town Line Bridge	WT		01/23/24	16:00				4	X	006
Falls Village Dam	WT		01/23/24	12:00				4	X	007
Bannapo Rd Bridge	WT		01/24/24	12:30				4	X	008
Rising Pond Dam	WT		01/24/24	14:30				4	X	009
Old Pleasant Street Bridge	WT		01/24/24	16:30				4	X	010

Customer Remarks / Special Conditions / Possible Hazards:

Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2943174

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: T2
Cooler 1 Temp Upon Receipt: _____ oC
Cooler 1 Therm Corr. Factor: +0.3 oC
Cooler 1 Corrected Temp: _____ oC
Comments: 2.2, 2.9, 3.5, 1.7, 1.6, 1.5, 2.5, 2.2, 3.6, 2.0, 1.9, 1.8

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Pamela T. Rabasco / Arcadis	01/25/24 17:00	David Paul	1/26/24 850
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 2

Page 5 of 24

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Report No.: 06823251668

Company: Arcadis	Billing Information: accounts payable, administration @ arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146.3000 Housatonic River BMP	State: MA County/City: Pittsfield Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET
Phone: 315-671-9374 Email:	Site/Facility ID #:
Collected By (print): P. Rabasco	Purchase Order #: Quote #:
Collected By (signature): Penelope Rabasco	Turnaround Date Required: Standard
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Preservative Type **	Analyses: PCB 16168	Lab Sample # / Comments
									U		
HR-D1	WT		01/24/24	—				4		X	011
New Lenox Rd Bridge	WT		01/25/24	13:00				4		X	012

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards: Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2943173

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: T2
Cooler 1 Temp Upon Receipt: ____ oC
Cooler 1 Therm Corr. Factor: -0.3 oC
Cooler 1 Corrected Temp: _____ oC
Comments:
2.5, 2.2, 3.8, 2.0, 1.9, 1.8

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 2 of: 2

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope Rabasco / Arcadis	01/25/24 17:00		1/26/24 850
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Page 6 of 24

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Derby Dam		
Lab Sample ID	10682325001		
Filename	Y240205A_08		
Injected By	AH5		
Total Amount Extracted	1700 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	01/22/2024 12:30
ICAL ID	Y240205A03	Received	01/26/2024 08:50
CCal Filename(s)	Y240205A_02	Extracted	01/31/2024 14:25
Method Blank ID	BLANK-110744	Analyzed	02/05/2024 18:37

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.000	3.15	2.0	1.08	54
13C-4-MoCB	3	11.600	3.10	2.0	1.26	63
13C-2,2'-DiCB	4	11.875	1.57	2.0	1.09	54
13C-4,4'-DiCB	15	18.654	1.55	2.0	1.56	78
13C-2,2',6-TrCB	19	15.491	1.05	2.0	1.28	64
13C-3,4,4'-TrCB	37	26.248	1.05	2.0	1.82	91
13C-2,2',6,6'-TeCB	54	18.971	0.80	2.0	1.44	72
13C-3,4,4',5-TeCB	81	33.295	0.78	2.0	1.99	99
13C-3,3',4,4'-TeCB	77	33.865	0.78	2.0	1.99	100
13C-2,2',4,6,6'-PeCB	104	24.940	1.63	2.0	1.56	78
13C-2,3,3',4,4'-PeCB	105	37.441	1.60	2.0	1.94	97
13C-2,3,4,4',5-PeCB	114	36.787	1.57	2.0	1.93	97
13C-2,3',4,4',5-PeCB	118	36.251	1.58	2.0	1.91	95
13C-2,3',4,4',5'-PeCB	123	35.916	1.58	2.0	1.89	94
13C-3,3',4,4',5-PeCB	126	40.593	1.61	2.0	1.94	97
13C-2,2',4,4',6,6'-HxCB	155	30.931	1.30	2.0	1.58	79
13C-HxCB(156/157)	156/157	43.634	1.27	4.0	3.65	91
13C-2,3',4,4',5,5'-HxCB	167	42.477	1.30	2.0	1.86	93
13C-3,3',4,4',5,5'-HxCB	169	46.903	1.27	2.0	1.86	93
13C-2,2',3,4',5,6,6'-HpCB	188	36.787	1.05	2.0	1.40	70
13C-2,3,3',4,4',5,5'-HpCB	189	49.440	1.07	2.0	1.86	93
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.208	0.88	2.0	1.53	76
13C-2,3,3',4,4',5,5',6-OcCB	205	52.026	0.89	2.0	1.75	87
13C-2,2',3,3',4,4',5,5',6-NoCB	206	53.750	0.81	2.0	1.61	81
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	48.944	0.79	2.0	1.64	82
13C-DeCB	209	55.345	0.72	2.0	1.46	73
CleanupStandards						
13C-2,4,4'-TrCB	28	21.989	1.05	2.0	1.73	87
13C-2,3,3',5,5'-PeCB	111	33.915	1.59	2.0	1.62	81
13C-2,2',3,3',5,5',6-HpCB	178	39.873	1.07	2.0	1.45	73
Recovery Standards						
13C-2,5-DiCB	9	14.210	1.57	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	23.934	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.149	1.59	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.420	1.28	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.552	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10682325001
Filename	Y240205A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0236
2		---	---	ND	---	0.0236
3		---	---	ND	---	0.0236
4		11.899	1.53	0.137 U	---	0.0236
5		---	---	ND	---	0.0236
6		---	---	ND	---	0.0236
7		---	---	ND	---	0.0236
8		---	---	ND	---	0.0236
9		---	---	ND	---	0.0236
10		---	---	ND	---	0.0236
11		---	---	ND	---	0.231
12	12/13	---	---	ND	---	0.0472
13	12/13	---	---	ND	---	0.0472
14		---	---	ND	---	0.0236
15		---	---	ND	---	0.0311
16		---	---	ND	---	0.0236
17		---	---	ND	---	0.0236
18	18/30	---	---	ND	---	0.0472
19		15.515	1.04	0.0629	---	0.0236
20	20/28	---	---	ND	---	0.122
21	21/33	---	---	ND	---	0.127
22		---	---	ND	---	0.0896
23		---	---	ND	---	0.0236
24		---	---	ND	---	0.0236
25		---	---	ND	---	0.0236
26	26/29	---	---	ND	---	0.0472
27		---	---	ND	---	0.0236
28	20/28	---	---	ND	---	0.122
29	26/29	---	---	ND	---	0.0472
30	18/30	---	---	ND	---	0.0472
31		---	---	ND	---	0.123
32		---	---	ND	---	0.0236
33	21/33	---	---	ND	---	0.127
34		---	---	ND	---	0.0236
35		---	---	ND	---	0.0236
36		---	---	ND	---	0.0236
37		---	---	ND	---	0.0500
38		---	---	ND	---	0.0236
39		---	---	ND	---	0.0236
40	40/41/71	---	---	ND	---	0.0707
41	40/41/71	---	---	ND	---	0.0707
42		---	---	ND	---	0.0236
43	43/73	---	---	ND	---	0.0472
44	44/47/65	25.091	0.76	0.107	---	0.0707
45	45/51	22.173	0.79	0.0523	---	0.0472
46		---	---	ND	---	0.0236
47	44/47/65	25.091	0.76	(0.107)	---	0.0707
48		---	---	ND	---	0.0236

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10682325001
Filename	Y240205A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	24.487	0.76	0.0682	---	0.0472
50	50/53	---	---	ND	---	0.0472
51	45/51	22.173	0.79	(0.0523)	---	0.0472
52		---	---	ND	---	0.122
53	50/53	---	---	ND	---	0.0472
54		---	---	ND	---	0.0236
55		---	---	ND	---	0.0236
56		---	---	ND	---	0.0236
57		---	---	ND	---	0.0236
58		---	---	ND	---	0.0236
59	59/62/75	---	---	ND	---	0.0707
60		---	---	ND	---	0.0236
61	61/70/74/76	---	---	ND	---	0.0943
62	59/62/75	---	---	ND	---	0.0707
63		---	---	ND	---	0.0236
64		---	---	ND	---	0.0236
65	44/47/65	25.091	0.76	(0.107)	---	0.0707
66		---	---	ND	---	0.0556
67		---	---	ND	---	0.0236
68		---	---	ND	---	0.0236
69	49/69	24.487	0.76	(0.0682)	---	0.0472
70	61/70/74/76	---	---	ND	---	0.0943
71	40/41/71	---	---	ND	---	0.0707
72		---	---	ND	---	0.0236
73	43/73	---	---	ND	---	0.0472
74	61/70/74/76	---	---	ND	---	0.0943
75	59/62/75	---	---	ND	---	0.0707
76	61/70/74/76	---	---	ND	---	0.0943
77		---	---	ND	---	0.0236
78		---	---	ND	---	0.0236
79		---	---	ND	---	0.0236
80		---	---	ND	---	0.0236
81		---	---	ND	---	0.0236
82		---	---	ND	---	0.0236
83		---	---	ND	---	0.0236
84		---	---	ND	---	0.0236
85	85/116/117	---	---	ND	---	0.0707
86	86/87/97/108/119/125	---	---	ND	---	0.141
87	86/87/97/108/119/125	---	---	ND	---	0.141
88	88/91	---	---	ND	---	0.0472
89		---	---	ND	---	0.0236
90	90/101/113	31.166	1.56	0.0880 U	---	0.0707
91	88/91	---	---	ND	---	0.0472
92		30.562	1.52	0.0238	---	0.0236
93	93/98/100/102	---	---	ND	---	0.0943
94		---	---	ND	---	0.0236
95		---	---	ND	---	0.0660
96		---	---	ND	---	0.0236

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10682325001
Filename	Y240205A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.141
98	93/98/100/102	---	---	ND	---	0.0943
99		31.786	1.50	0.0380 U	---	0.0236
100	93/98/100/102	---	---	ND	---	0.0943
101	90/101/113	31.166	1.56	(0.0880) U	---	0.0707
102	93/98/100/102	---	---	ND	---	0.0943
103		---	---	ND	---	0.0236
104		---	---	ND	---	0.0236
105		---	---	ND	---	0.0236
106		---	---	ND	---	0.0236
107	107/124	---	---	ND	---	0.0472
108	86/87/97/108/119/125	---	---	ND	---	0.141
109		---	---	ND	---	0.0236
110	110/115	33.194	1.61	0.0694 U	---	0.0472
111		---	---	ND	---	0.0236
112		---	---	ND	---	0.0236
113	90/101/113	31.166	1.56	(0.0880) U	---	0.0707
114		---	---	ND	---	0.0236
115	110/115	33.194	1.61	(0.0694) U	---	0.0472
116	85/116/117	---	---	ND	---	0.0707
117	85/116/117	---	---	ND	---	0.0707
118		36.284	1.48	0.0390 U	---	0.0368
119	86/87/97/108/119/125	---	---	ND	---	0.141
120		---	---	ND	---	0.0236
121		---	---	ND	---	0.0236
122		---	---	ND	---	0.0236
123		---	---	ND	---	0.0236
124	107/124	---	---	ND	---	0.0472
125	86/87/97/108/119/125	---	---	ND	---	0.141
126		---	---	ND	---	0.0236
127		---	---	ND	---	0.0236
128	128/166	---	---	ND	---	0.0472
129	129/138/163	39.437	1.30	0.163	---	0.0707
130		---	---	ND	---	0.0236
131		---	---	ND	---	0.0236
132		36.368	1.28	0.0407	---	0.0236
133		---	---	ND	---	0.0236
134	134/143	---	---	ND	---	0.0472
135	135/151	34.150	1.23	0.0814	---	0.0472
136		---	---	ND	---	0.0236
137		---	---	ND	---	0.0236
138	129/138/163	39.437	1.30	(0.163)	---	0.0707
139	139/140	---	---	ND	---	0.0472
140	139/140	---	---	ND	---	0.0472
141		38.363	1.34	0.0314	---	0.0236
142		---	---	ND	---	0.0236
143	134/143	---	---	ND	---	0.0472
144		---	---	ND	---	0.0236

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10682325001
Filename	Y240205A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0236
146		37.558	1.19	0.0351	---	0.0236
147	147/149	35.094	1.24	0.159 U	---	0.0472
148		---	---	ND	---	0.0236
149	147/149	35.094	1.24	(0.159) U	---	0.0472
150		---	---	ND	---	0.0236
151	135/151	34.150	1.23	(0.0814)	---	0.0472
152		---	---	ND	---	0.0236
153	153/168	38.196	1.23	0.168	---	0.0472
154		---	---	ND	---	0.0236
155		---	---	ND	---	0.0236
156	156/157	---	---	ND	---	0.0472
157	156/157	---	---	ND	---	0.0472
158		---	---	ND	---	0.0236
159		---	---	ND	---	0.0236
160		---	---	ND	---	0.0236
161		---	---	ND	---	0.0236
162		---	---	ND	---	0.0236
163	129/138/163	39.437	1.30	(0.163)	---	0.0707
164		---	---	ND	---	0.0236
165		---	---	ND	---	0.0236
166	128/166	---	---	ND	---	0.0472
167		---	---	ND	---	0.0236
168	153/168	38.196	1.23	(0.168)	---	0.0472
169		---	---	ND	---	0.0236
170		46.316	1.04	0.0490	---	0.0236
171	171/173	---	---	ND	---	0.0472
172		---	---	ND	---	0.0236
173	171/173	---	---	ND	---	0.0472
174		41.672	1.05	0.0609	---	0.0236
175		---	---	ND	---	0.0236
176		---	---	ND	---	0.0236
177		42.091	1.05	0.0387	---	0.0236
178		---	---	ND	---	0.0236
179		37.139	1.01	0.0298	---	0.0236
180	180/193	45.059	1.06	0.124	---	0.0472
181		---	---	ND	---	0.0236
182		---	---	ND	---	0.0236
183	183/185	---	---	ND	---	0.0472
184		---	---	ND	---	0.0236
185	183/185	---	---	ND	---	0.0472
186		---	---	ND	---	0.0236
187		40.828	1.07	0.0780	---	0.0236
188		---	---	ND	---	0.0236
189		---	---	ND	---	0.0236
190		---	---	ND	---	0.0236
191		---	---	ND	---	0.0236
192		---	---	ND	---	0.0236

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10682325001
Filename	Y240205A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.059	1.06	(0.124)	---	0.0472
194		51.552	0.93	0.0260	---	0.0236
195		---	---	ND	---	0.0236
196		---	---	ND	---	0.0236
197	197/200	---	---	ND	---	0.0472
198	198/199	---	---	ND	---	0.0472
199	198/199	---	---	ND	---	0.0472
200	197/200	---	---	ND	---	0.0472
201		---	---	ND	---	0.0236
202		---	---	ND	---	0.0236
203		---	---	ND	---	0.0236
204		---	---	ND	---	0.0236
205		---	---	ND	---	0.0236
206		---	---	ND	---	0.0236
207		---	---	ND	---	0.0236
208		---	---	ND	---	0.0236
209		---	---	ND	---	0.0236

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10682325001
Filename	Y240205A_08

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.137
Total Trichloro Biphenyls	0.0629
Total Tetrachloro Biphenyls	0.228
Total Pentachloro Biphenyls	0.258
Total Hexachloro Biphenyls	0.678
Total Heptachloro Biphenyls	0.380
Total Octachloro Biphenyls	0.0260
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	1.77

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Stevenson Dam		
Lab Sample ID	10682325002		
Filename	Y240205A_09		
Injected By	AH5		
Total Amount Extracted	1670 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	01/22/2024 13:45
ICAL ID	Y240205A03	Received	01/26/2024 08:50
CCal Filename(s)	Y240205A_02	Extracted	01/31/2024 14:25
Method Blank ID	BLANK-110744	Analyzed	02/05/2024 19:36

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.048	3.08	2.0	0.981	49
13C-4-MoCB	3	11.625	3.16	2.0	1.19	59
13C-2,2'-DiCB	4	11.912	1.59	2.0	0.971	49
13C-4,4'-DiCB	15	18.669	1.57	2.0	1.53	77
13C-2,2',6-TrCB	19	15.517	1.04	2.0	1.16	58
13C-3,4,4'-TrCB	37	26.252	1.09	2.0	1.85	93
13C-2,2',6,6'-TeCB	54	18.974	0.81	2.0	1.37	68
13C-3,4,4',5-TeCB	81	33.300	0.78	2.0	2.03	101
13C-3,3',4,4'-TeCB	77	33.870	0.79	2.0	2.05	102
13C-2,2',4,6,6'-PeCB	104	24.944	1.62	2.0	1.51	75
13C-2,3,3',4,4'-PeCB	105	37.447	1.58	2.0	1.96	98
13C-2,3,4,4',5-PeCB	114	36.793	1.60	2.0	1.94	97
13C-2,3',4,4',5-PeCB	118	36.257	1.62	2.0	1.94	97
13C-2,3',4,4',5'-PeCB	123	35.921	1.61	2.0	1.89	94
13C-3,3',4,4',5-PeCB	126	40.583	1.61	2.0	1.95	98
13C-2,2',4,4',6,6'-HxCB	155	30.919	1.30	2.0	1.62	81
13C-HxCB(156/157)	156/157	43.640	1.29	4.0	3.87	97
13C-2,3',4,4',5,5'-HxCB	167	42.483	1.26	2.0	1.90	95
13C-3,3',4,4',5,5'-HxCB	169	46.910	1.27	2.0	1.97	99
13C-2,2',3,4',5,6,6'-HpCB	188	36.777	1.05	2.0	1.37	69
13C-2,3,3',4,4',5,5'-HpCB	189	49.452	1.06	2.0	1.93	96
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.215	0.89	2.0	1.54	77
13C-2,3,3',4,4',5,5',6-OcCB	205	52.017	0.89	2.0	1.78	89
13C-2,2',3,3',4,4',5,5',6-NoCB	206	53.741	0.82	2.0	1.69	85
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	48.935	0.79	2.0	1.65	82
13C-DeCB	209	55.336	0.71	2.0	1.45	72
CleanupStandards						
13C-2,4,4'-TrCB	28	21.992	1.06	2.0	1.70	85
13C-2,3,3',5,5'-PeCB	111	33.920	1.57	2.0	1.65	82
13C-2,2',3,3',5,5',6-HpCB	178	39.862	1.06	2.0	1.45	73
Recovery Standards						
13C-2,5-DiCB	9	14.235	1.56	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	23.938	0.80	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.137	1.59	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.409	1.28	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.542	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10682325002
Filename	Y240205A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0240
2		---	---	ND	---	0.0240
3		---	---	ND	---	0.0240
4		11.924	1.56	0.131 U	---	0.0240
5		---	---	ND	---	0.0240
6		---	---	ND	---	0.0240
7		---	---	ND	---	0.0240
8		---	---	ND	---	0.0240
9		---	---	ND	---	0.0240
10		---	---	ND	---	0.0240
11		---	---	ND	---	0.235
12	12/13	---	---	ND	---	0.0480
13	12/13	---	---	ND	---	0.0480
14		---	---	ND	---	0.0240
15		---	---	ND	---	0.0317
16		---	---	ND	---	0.0240
17		---	---	ND	---	0.0240
18	18/30	---	---	ND	---	0.0480
19		15.529	1.04	0.0641	---	0.0240
20	20/28	---	---	ND	---	0.124
21	21/33	---	---	ND	---	0.130
22		---	---	ND	---	0.0912
23		---	---	ND	---	0.0240
24		---	---	ND	---	0.0240
25		---	---	ND	---	0.0240
26	26/29	---	---	ND	---	0.0480
27		---	---	ND	---	0.0240
28	20/28	---	---	ND	---	0.124
29	26/29	---	---	ND	---	0.0480
30	18/30	---	---	ND	---	0.0480
31		---	---	ND	---	0.125
32		---	---	ND	---	0.0240
33	21/33	---	---	ND	---	0.130
34		---	---	ND	---	0.0240
35		---	---	ND	---	0.0240
36		---	---	ND	---	0.0240
37		---	---	ND	---	0.0509
38		---	---	ND	---	0.0240
39		---	---	ND	---	0.0240
40	40/41/71	---	---	ND	---	0.0720
41	40/41/71	---	---	ND	---	0.0720
42		---	---	ND	---	0.0240
43	43/73	---	---	ND	---	0.0480
44	44/47/65	25.078	0.77	0.119	---	0.0720
45	45/51	22.194	0.77	0.0568	---	0.0480
46		---	---	ND	---	0.0240
47	44/47/65	25.078	0.77	(0.119)	---	0.0720
48		---	---	ND	---	0.0240

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10682325002
Filename	Y240205A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	24.491	0.79	0.0724	---	0.0480
50	50/53	---	---	ND	---	0.0480
51	45/51	22.194	0.77	(0.0568)	---	0.0480
52		---	---	ND	---	0.124
53	50/53	---	---	ND	---	0.0480
54		---	---	ND	---	0.0240
55		---	---	ND	---	0.0240
56		---	---	ND	---	0.0240
57		---	---	ND	---	0.0240
58		---	---	ND	---	0.0240
59	59/62/75	---	---	ND	---	0.0720
60		---	---	ND	---	0.0240
61	61/70/74/76	---	---	ND	---	0.0960
62	59/62/75	---	---	ND	---	0.0720
63		---	---	ND	---	0.0240
64		---	---	ND	---	0.0240
65	44/47/65	25.078	0.77	(0.119)	---	0.0720
66		---	---	ND	---	0.0567
67		---	---	ND	---	0.0240
68		---	---	ND	---	0.0240
69	49/69	24.491	0.79	(0.0724)	---	0.0480
70	61/70/74/76	---	---	ND	---	0.0960
71	40/41/71	---	---	ND	---	0.0720
72		---	---	ND	---	0.0240
73	43/73	---	---	ND	---	0.0480
74	61/70/74/76	---	---	ND	---	0.0960
75	59/62/75	---	---	ND	---	0.0720
76	61/70/74/76	---	---	ND	---	0.0960
77		---	---	ND	---	0.0240
78		---	---	ND	---	0.0240
79		---	---	ND	---	0.0240
80		---	---	ND	---	0.0240
81		---	---	ND	---	0.0240
82		---	---	ND	---	0.0240
83		---	---	ND	---	0.0240
84		---	---	ND	---	0.0240
85	85/116/117	---	---	ND	---	0.0720
86	86/87/97/108/119/125	---	---	ND	---	0.144
87	86/87/97/108/119/125	---	---	ND	---	0.144
88	88/91	---	---	ND	---	0.0480
89		---	---	ND	---	0.0240
90	90/101/113	31.170	1.51	0.117 U	---	0.0720
91	88/91	---	---	ND	---	0.0480
92		30.550	1.71	0.0299	---	0.0240
93	93/98/100/102	---	---	ND	---	0.0960
94		---	---	ND	---	0.0240
95		28.101	1.58	0.0858 U	---	0.0672
96		---	---	ND	---	0.0240

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10682325002
Filename	Y240205A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.144
98	93/98/100/102	---	---	ND	---	0.0960
99		31.774	1.65	0.0493 U	---	0.0240
100	93/98/100/102	---	---	ND	---	0.0960
101	90/101/113	31.170	1.51	(0.117) U	---	0.0720
102	93/98/100/102	---	---	ND	---	0.0960
103		---	---	ND	---	0.0240
104		---	---	ND	---	0.0240
105		---	---	ND	---	0.0240
106		---	---	ND	---	0.0240
107	107/124	---	---	ND	---	0.0480
108	86/87/97/108/119/125	---	---	ND	---	0.144
109		---	---	ND	---	0.0240
110	110/115	33.183	1.59	0.101 U	---	0.0480
111		---	---	ND	---	0.0240
112		---	---	ND	---	0.0240
113	90/101/113	31.170	1.51	(0.117) U	---	0.0720
114		---	---	ND	---	0.0240
115	110/115	33.183	1.59	(0.101) U	---	0.0480
116	85/116/117	---	---	ND	---	0.0720
117	85/116/117	---	---	ND	---	0.0720
118		36.273	1.63	0.0593 U	---	0.0375
119	86/87/97/108/119/125	---	---	ND	---	0.144
120		---	---	ND	---	0.0240
121		---	---	ND	---	0.0240
122		---	---	ND	---	0.0240
123		---	---	ND	---	0.0240
124	107/124	---	---	ND	---	0.0480
125	86/87/97/108/119/125	---	---	ND	---	0.144
126		---	---	ND	---	0.0240
127		---	---	ND	---	0.0240
128	128/166	---	---	ND	---	0.0480
129	129/138/163	39.443	1.26	0.184	---	0.0720
130		---	---	ND	---	0.0240
131		---	---	ND	---	0.0240
132		36.357	1.29	0.0506	---	0.0240
133		---	---	ND	---	0.0240
134	134/143	---	---	ND	---	0.0480
135	135/151	34.122	1.26	0.0913	---	0.0480
136		31.640	1.23	0.0265	---	0.0240
137		---	---	ND	---	0.0240
138	129/138/163	39.443	1.26	(0.184)	---	0.0720
139	139/140	---	---	ND	---	0.0480
140	139/140	---	---	ND	---	0.0480
141		38.386	1.27	0.0367	---	0.0240
142		---	---	ND	---	0.0240
143	134/143	---	---	ND	---	0.0480
144		---	---	ND	---	0.0240

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10682325002
Filename	Y240205A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0240
146		37.548	1.29	0.0367	---	0.0240
147	147/149	35.099	1.25	0.181 U	---	0.0480
148		---	---	ND	---	0.0240
149	147/149	35.099	1.25	(0.181) U	---	0.0480
150		---	---	ND	---	0.0240
151	135/151	34.122	1.26	(0.0913)	---	0.0480
152		---	---	ND	---	0.0240
153	153/168	38.185	1.23	0.182	---	0.0480
154		---	---	ND	---	0.0240
155		---	---	ND	---	0.0240
156	156/157	---	---	ND	---	0.0480
157	156/157	---	---	ND	---	0.0480
158		---	---	ND	---	0.0240
159		---	---	ND	---	0.0240
160		---	---	ND	---	0.0240
161		---	---	ND	---	0.0240
162		---	---	ND	---	0.0240
163	129/138/163	39.443	1.26	(0.184)	---	0.0720
164		---	---	ND	---	0.0240
165		---	---	ND	---	0.0240
166	128/166	---	---	ND	---	0.0480
167		---	---	ND	---	0.0240
168	153/168	38.185	1.23	(0.182)	---	0.0480
169		---	---	ND	---	0.0240
170		46.306	1.07	0.0510	---	0.0240
171	171/173	---	---	ND	---	0.0480
172		---	---	ND	---	0.0240
173	171/173	---	---	ND	---	0.0480
174		41.661	1.00	0.0642	---	0.0240
175		---	---	ND	---	0.0240
176		---	---	ND	---	0.0240
177		42.097	0.95	0.0428	---	0.0240
178		---	---	ND	---	0.0240
179		37.129	1.01	0.0332	---	0.0240
180	180/193	45.065	1.06	0.132	---	0.0480
181		---	---	ND	---	0.0240
182		---	---	ND	---	0.0240
183	183/185	---	---	ND	---	0.0480
184		---	---	ND	---	0.0240
185	183/185	---	---	ND	---	0.0480
186		---	---	ND	---	0.0240
187		40.818	1.07	0.0839	---	0.0240
188		---	---	ND	---	0.0240
189		---	---	ND	---	0.0240
190		---	---	ND	---	0.0240
191		---	---	ND	---	0.0240
192		---	---	ND	---	0.0240

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10682325002
Filename	Y240205A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.065	1.06	(0.132)	---	0.0480
194		51.564	0.90	0.0268	---	0.0240
195		---	---	ND	---	0.0240
196		---	---	ND	---	0.0240
197	197/200	---	---	ND	---	0.0480
198	198/199	---	---	ND	---	0.0480
199	198/199	---	---	ND	---	0.0480
200	197/200	---	---	ND	---	0.0480
201		---	---	ND	---	0.0240
202		---	---	ND	---	0.0240
203		---	---	ND	---	0.0240
204		---	---	ND	---	0.0240
205		---	---	ND	---	0.0240
206		---	---	ND	---	0.0240
207		---	---	ND	---	0.0240
208		---	---	ND	---	0.0240
209		---	---	ND	---	0.0240

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10682325002
Filename	Y240205A_09

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.131
Total Trichloro Biphenyls	0.0641
Total Tetrachloro Biphenyls	0.249
Total Pentachloro Biphenyls	0.442
Total Hexachloro Biphenyls	0.789
Total Heptachloro Biphenyls	0.407
Total Octachloro Biphenyls	0.0268
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	2.11

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rt. 202 Bridge		
Lab Sample ID	10682325003		
Filename	Y240205A_10		
Injected By	AH5		
Total Amount Extracted	1610 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	01/22/2024 16:30
ICAL ID	Y240205A03	Received	01/26/2024 08:50
CCal Filename(s)	Y240205A_02	Extracted	01/31/2024 14:25
Method Blank ID	BLANK-110744	Analyzed	02/05/2024 20:35

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.084	3.13	2.0	1.05	52
13C-4-MoCB	3	11.660	3.17	2.0	1.34	67
13C-2,2'-DiCB	4	11.936	1.58	2.0	1.09	54
13C-4,4'-DiCB	15	18.691	1.56	2.0	1.76	88
13C-2,2',6-TrCB	19	15.540	1.06	2.0	1.33	66
13C-3,4,4'-TrCB	37	26.264	1.04	2.0	2.04	102
13C-2,2',6,6'-TeCB	54	18.988	0.79	2.0	1.54	77
13C-3,4,4',5-TeCB	81	33.295	0.79	2.0	2.26	113
13C-3,3',4,4'-TeCB	77	33.882	0.80	2.0	2.31	116
13C-2,2',4,6,6'-PeCB	104	24.957	1.61	2.0	1.60	80
13C-2,3,3',4,4'-PeCB	105	37.441	1.61	2.0	2.06	103
13C-2,3,4,4',5-PeCB	114	36.804	1.59	2.0	2.07	103
13C-2,3',4,4',5-PeCB	118	36.267	1.60	2.0	2.04	102
13C-2,3',4,4',5'-PeCB	123	35.932	1.60	2.0	2.02	101
13C-3,3',4,4',5-PeCB	126	40.593	1.59	2.0	2.08	104
13C-2,2',4,4',6,6'-HxCB	155	30.931	1.30	2.0	1.66	83
13C-HxCB(156/157)	156/157	43.650	1.29	4.0	4.02	100
13C-2,3',4,4',5,5'-HxCB	167	42.493	1.28	2.0	2.02	101
13C-3,3',4,4',5,5'-HxCB	169	46.919	1.30	2.0	2.06	103
13C-2,2',3,4',5,6,6'-HpCB	188	36.787	1.07	2.0	1.46	73
13C-2,3,3',4,4',5,5'-HpCB	189	49.460	1.07	2.0	2.01	100
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.224	0.89	2.0	1.64	82
13C-2,3,3',4,4',5,5',6-OcCB	205	52.025	0.89	2.0	1.86	93
13C-2,2',3,3',4,4',5,5',6-NoCB	206	53.749	0.79	2.0	1.78	89
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	48.943	0.80	2.0	1.71	86
13C-DeCB	209	55.344	0.71	2.0	1.48	74
CleanupStandards						
13C-2,4,4'-TrCB	28	22.006	1.04	2.0	1.96	98
13C-2,3,3',5,5'-PeCB	111	33.932	1.59	2.0	1.76	88
13C-2,2',3,3',5,5',6-HpCB	178	39.872	1.05	2.0	1.53	77
Recovery Standards						
13C-2,5-DiCB	9	14.258	1.56	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	23.951	0.80	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.165	1.60	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.419	1.28	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.551	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 202 Bridge
Lab Sample ID 10682325003
Filename Y240205A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0248
2		---	---	ND	---	0.0248
3		---	---	ND	---	0.0248
4		11.960	1.50	0.173	---	0.0248
5		---	---	ND	---	0.0248
6		---	---	ND	---	0.0248
7		---	---	ND	---	0.0248
8		---	---	ND	---	0.0248
9		---	---	ND	---	0.0248
10		---	---	ND	---	0.0248
11		---	---	ND	---	0.243
12	12/13	---	---	ND	---	0.0495
13	12/13	---	---	ND	---	0.0495
14		---	---	ND	---	0.0248
15		---	---	ND	---	0.0327
16		---	---	ND	---	0.0248
17		---	---	ND	---	0.0248
18	18/30	---	---	ND	---	0.0495
19		15.564	1.04	0.0825	---	0.0248
20	20/28	---	---	ND	---	0.128
21	21/33	---	---	ND	---	0.134
22		---	---	ND	---	0.0941
23		---	---	ND	---	0.0248
24		---	---	ND	---	0.0248
25		---	---	ND	---	0.0248
26	26/29	---	---	ND	---	0.0495
27		---	---	ND	---	0.0248
28	20/28	---	---	ND	---	0.128
29	26/29	---	---	ND	---	0.0495
30	18/30	---	---	ND	---	0.0495
31		---	---	ND	---	0.129
32		---	---	ND	---	0.0248
33	21/33	---	---	ND	---	0.134
34		---	---	ND	---	0.0248
35		---	---	ND	---	0.0248
36		---	---	ND	---	0.0248
37		---	---	ND	---	0.0525
38		---	---	ND	---	0.0248
39		---	---	ND	---	0.0248
40	40/41/71	---	---	ND	---	0.0743
41	40/41/71	---	---	ND	---	0.0743
42		---	---	ND	---	0.0248
43	43/73	---	---	ND	---	0.0495
44	44/47/65	25.091	0.77	0.170	---	0.0743
45	45/51	22.191	0.76	0.0734	---	0.0495
46		---	---	ND	---	0.0248
47	44/47/65	25.091	0.77	(0.170)	---	0.0743
48		---	---	ND	---	0.0248

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt. 202 Bridge
Lab Sample ID	10682325003
Filename	Y240205A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	24.504	0.79	0.101	---	0.0495
50	50/53	21.369	0.81	0.0653	---	0.0495
51	45/51	22.191	0.76	(0.0734)	---	0.0495
52		---	---	ND	---	0.128
53	50/53	21.369	0.81	(0.0653)	---	0.0495
54		---	---	ND	---	0.0248
55		---	---	ND	---	0.0248
56		---	---	ND	---	0.0248
57		---	---	ND	---	0.0248
58		---	---	ND	---	0.0248
59	59/62/75	---	---	ND	---	0.0743
60		---	---	ND	---	0.0248
61	61/70/74/76	29.019	0.78	0.102	---	0.0991
62	59/62/75	---	---	ND	---	0.0743
63		---	---	ND	---	0.0248
64		---	---	ND	---	0.0248
65	44/47/65	25.091	0.77	(0.170)	---	0.0743
66		---	---	ND	---	0.0585
67		---	---	ND	---	0.0248
68		---	---	ND	---	0.0248
69	49/69	24.504	0.79	(0.101)	---	0.0495
70	61/70/74/76	29.019	0.78	(0.102)	---	0.0991
71	40/41/71	---	---	ND	---	0.0743
72		---	---	ND	---	0.0248
73	43/73	---	---	ND	---	0.0495
74	61/70/74/76	29.019	0.78	(0.102)	---	0.0991
75	59/62/75	---	---	ND	---	0.0743
76	61/70/74/76	29.019	0.78	(0.102)	---	0.0991
77		---	---	ND	---	0.0248
78		---	---	ND	---	0.0248
79		---	---	ND	---	0.0248
80		---	---	ND	---	0.0248
81		---	---	ND	---	0.0248
82		---	---	ND	---	0.0248
83		---	---	ND	---	0.0248
84		29.221	1.57	0.0469	---	0.0248
85	85/116/117	---	---	ND	---	0.0743
86	86/87/97/108/119/125	---	---	ND	---	0.149
87	86/87/97/108/119/125	---	---	ND	---	0.149
88	88/91	---	---	ND	---	0.0495
89		---	---	ND	---	0.0248
90	90/101/113	31.182	1.60	0.254 U	---	0.0743
91	88/91	---	---	ND	---	0.0495
92		30.579	1.56	0.0569	---	0.0248
93	93/98/100/102	---	---	ND	---	0.0991
94		---	---	ND	---	0.0248
95		28.097	1.56	0.172 U	---	0.0694
96		---	---	ND	---	0.0248

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 202 Bridge
Lab Sample ID 10682325003
Filename Y240205A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.149
98	93/98/100/102	---	---	ND	---	0.0991
99		31.786	1.62	0.123 U	---	0.0248
100	93/98/100/102	---	---	ND	---	0.0991
101	90/101/113	31.182	1.60	(0.254) U	---	0.0743
102	93/98/100/102	---	---	ND	---	0.0991
103		---	---	ND	---	0.0248
104		---	---	ND	---	0.0248
105		37.474	1.66	0.0935	---	0.0248
106		---	---	ND	---	0.0248
107	107/124	---	---	ND	---	0.0495
108	86/87/97/108/119/125	---	---	ND	---	0.149
109		---	---	ND	---	0.0248
110	110/115	33.194	1.56	0.283 U	---	0.0495
111		---	---	ND	---	0.0248
112		---	---	ND	---	0.0248
113	90/101/113	31.182	1.60	(0.254) U	---	0.0743
114		---	---	ND	---	0.0248
115	110/115	33.194	1.56	(0.283) U	---	0.0495
116	85/116/117	---	---	ND	---	0.0743
117	85/116/117	---	---	ND	---	0.0743
118		36.284	1.59	0.221	---	0.0386
119	86/87/97/108/119/125	---	---	ND	---	0.149
120		---	---	ND	---	0.0248
121		---	---	ND	---	0.0248
122		---	---	ND	---	0.0248
123		---	---	ND	---	0.0248
124	107/124	---	---	ND	---	0.0495
125	86/87/97/108/119/125	---	---	ND	---	0.149
126		---	---	ND	---	0.0248
127		---	---	ND	---	0.0248
128	128/166	40.710	1.26	0.0537	---	0.0495
129	129/138/163	39.453	1.25	0.422	---	0.0743
130		---	---	ND	---	0.0248
131		---	---	ND	---	0.0248
132		36.368	1.25	0.114	---	0.0248
133		---	---	ND	---	0.0248
134	134/143	---	---	ND	---	0.0495
135	135/151	34.133	1.26	0.147	---	0.0495
136		31.652	1.23	0.0443	---	0.0248
137		---	---	ND	---	0.0248
138	129/138/163	39.453	1.25	(0.422)	---	0.0743
139	139/140	---	---	ND	---	0.0495
140	139/140	---	---	ND	---	0.0495
141		38.380	1.24	0.0726	---	0.0248
142		---	---	ND	---	0.0248
143	134/143	---	---	ND	---	0.0495
144		---	---	ND	---	0.0248

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 202 Bridge
Lab Sample ID 10682325003
Filename Y240205A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0248
146		37.575	1.26	0.0652	---	0.0248
147	147/149	35.094	1.28	0.322	---	0.0495
148		---	---	ND	---	0.0248
149	147/149	35.094	1.28	(0.322)	---	0.0495
150		---	---	ND	---	0.0248
151	135/151	34.133	1.26	(0.147)	---	0.0495
152		---	---	ND	---	0.0248
153	153/168	38.195	1.25	0.357	---	0.0495
154		---	---	ND	---	0.0248
155		---	---	ND	---	0.0248
156	156/157	43.650	1.27	0.0499	---	0.0495
157	156/157	43.650	1.27	(0.0499)	---	0.0495
158		39.855	1.25	0.0362	---	0.0248
159		---	---	ND	---	0.0248
160		---	---	ND	---	0.0248
161		---	---	ND	---	0.0248
162		---	---	ND	---	0.0248
163	129/138/163	39.453	1.25	(0.422)	---	0.0743
164		39.134	1.20	0.0295	---	0.0248
165		---	---	ND	---	0.0248
166	128/166	40.710	1.26	(0.0537)	---	0.0495
167		---	---	ND	---	0.0248
168	153/168	38.195	1.25	(0.357)	---	0.0495
169		---	---	ND	---	0.0248
170		46.332	1.02	0.107	---	0.0248
171	171/173	---	---	ND	---	0.0495
172		---	---	ND	---	0.0248
173	171/173	---	---	ND	---	0.0495
174		41.671	1.09	0.113	---	0.0248
175		---	---	ND	---	0.0248
176		---	---	ND	---	0.0248
177		42.107	1.01	0.0725	---	0.0248
178		39.889	1.04	0.0279	---	0.0248
179		37.139	1.03	0.0510	---	0.0248
180	180/193	45.058	1.03	0.245	---	0.0495
181		---	---	ND	---	0.0248
182		---	---	ND	---	0.0248
183	183/185	41.453	1.01	0.0757	---	0.0495
184		---	---	ND	---	0.0248
185	183/185	41.453	1.01	(0.0757)	---	0.0495
186		---	---	ND	---	0.0248
187		40.828	1.05	0.130	---	0.0248
188		---	---	ND	---	0.0248
189		---	---	ND	---	0.0248
190		---	---	ND	---	0.0248
191		---	---	ND	---	0.0248
192		---	---	ND	---	0.0248

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt. 202 Bridge
Lab Sample ID	10682325003
Filename	Y240205A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.058	1.03	(0.245)	---	0.0495
194		51.572	0.89	0.0517	---	0.0248
195		---	---	ND	---	0.0248
196		47.690	0.90	0.0274	---	0.0248
197	197/200	---	---	ND	---	0.0495
198	198/199	47.036	0.94	0.0584	---	0.0495
199	198/199	47.036	0.94	(0.0584)	---	0.0495
200	197/200	---	---	ND	---	0.0495
201		---	---	ND	---	0.0248
202		---	---	ND	---	0.0248
203		47.908	0.93	0.0341	---	0.0248
204		---	---	ND	---	0.0248
205		---	---	ND	---	0.0248
206		---	---	ND	---	0.0248
207		---	---	ND	---	0.0248
208		---	---	ND	---	0.0248
209		---	---	ND	---	0.0248

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rt. 202 Bridge
Lab Sample ID	10682325003
Filename	Y240205A_10

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.173
Total Trichloro Biphenyls	0.0825
Total Tetrachloro Biphenyls	0.511
Total Pentachloro Biphenyls	1.25
Total Hexachloro Biphenyls	1.71
Total Heptachloro Biphenyls	0.822
Total Octachloro Biphenyls	0.172
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	4.72

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rt. 341 Bridge		
Lab Sample ID	10682325004		
Filename	Y240205A_11		
Injected By	AH5		
Total Amount Extracted	1750 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	01/23/2024 14:30
ICAL ID	Y240205A03	Received	01/26/2024 08:50
CCal Filename(s)	Y240205A_02	Extracted	01/31/2024 14:25
Method Blank ID	BLANK-110744	Analyzed	02/05/2024 21:34

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.096	3.07	2.0	1.06	53
13C-4-MoCB	3	11.660	3.06	2.0	1.31	66
13C-2,2'-DiCB	4	11.935	1.59	2.0	1.10	55
13C-4,4'-DiCB	15	18.678	1.57	2.0	1.64	82
13C-2,2',6-TrCB	19	15.539	1.05	2.0	1.32	66
13C-3,4,4'-TrCB	37	26.264	1.07	2.0	1.90	95
13C-2,2',6,6'-TeCB	54	18.987	0.80	2.0	1.50	75
13C-3,4,4',5-TeCB	81	33.294	0.79	2.0	2.10	105
13C-3,3',4,4'-TeCB	77	33.865	0.78	2.0	2.12	106
13C-2,2',4,6,6'-PeCB	104	24.956	1.62	2.0	1.58	79
13C-2,3,3',4,4'-PeCB	105	37.441	1.58	2.0	2.03	101
13C-2,3,4,4',5-PeCB	114	36.787	1.61	2.0	1.99	100
13C-2,3',4,4',5-PeCB	118	36.250	1.63	2.0	2.00	100
13C-2,3',4,4',5'-PeCB	123	35.915	1.61	2.0	1.98	99
13C-3,3',4,4',5-PeCB	126	40.593	1.58	2.0	2.03	102
13C-2,2',4,4',6,6'-HxCB	155	30.931	1.29	2.0	1.59	80
13C-HxCB(156/157)	156/157	43.633	1.27	4.0	3.88	97
13C-2,3',4,4',5,5'-HxCB	167	42.476	1.28	2.0	1.93	96
13C-3,3',4,4',5,5'-HxCB	169	46.903	1.25	2.0	2.02	101
13C-2,2',3,4',5,6,6'-HpCB	188	36.787	1.05	2.0	1.42	71
13C-2,3,3',4,4',5,5'-HpCB	189	49.439	1.06	2.0	1.94	97
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.208	0.90	2.0	1.60	80
13C-2,3,3',4,4',5,5',6-OcCB	205	52.026	0.90	2.0	1.82	91
13C-2,2',3,3',4,4',5,5',6-NoCB	206	53.750	0.78	2.0	1.71	86
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	48.944	0.79	2.0	1.69	84
13C-DeCB	209	55.344	0.72	2.0	1.46	73
CleanupStandards						
13C-2,4,4'-TrCB	28	21.989	1.07	2.0	1.82	91
13C-2,3,3',5,5'-PeCB	111	33.932	1.59	2.0	1.71	86
13C-2,2',3,3',5,5',6-HpCB	178	39.872	1.03	2.0	1.49	75
Recovery Standards						
13C-2,5-DiCB	9	14.257	1.57	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	23.950	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.148	1.60	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.419	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.551	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt. 341 Bridge
Lab Sample ID	10682325004
Filename	Y240205A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.108	3.06	0.0256	---	0.0229
2		---	---	ND	---	0.0229
3		---	---	ND	---	0.0229
4		11.959	1.55	0.295	---	0.0229
5		---	---	ND	---	0.0229
6		---	---	ND	---	0.0229
7		---	---	ND	---	0.0229
8		---	---	ND	---	0.0229
9		---	---	ND	---	0.0229
10		---	---	ND	---	0.0229
11		---	---	ND	---	0.225
12	12/13	---	---	ND	---	0.0458
13	12/13	---	---	ND	---	0.0458
14		---	---	ND	---	0.0229
15		---	---	ND	---	0.0302
16		---	---	ND	---	0.0229
17		18.139	1.01	0.0306	---	0.0229
18	18/30	---	---	ND	---	0.0458
19		15.563	1.07	0.133	---	0.0229
20	20/28	---	---	ND	---	0.118
21	21/33	---	---	ND	---	0.124
22		---	---	ND	---	0.0871
23		---	---	ND	---	0.0229
24		---	---	ND	---	0.0229
25		---	---	ND	---	0.0229
26	26/29	---	---	ND	---	0.0458
27		---	---	ND	---	0.0229
28	20/28	---	---	ND	---	0.118
29	26/29	---	---	ND	---	0.0458
30	18/30	---	---	ND	---	0.0458
31		---	---	ND	---	0.119
32		19.205	1.04	0.0308	---	0.0229
33	21/33	---	---	ND	---	0.124
34		---	---	ND	---	0.0229
35		---	---	ND	---	0.0229
36		---	---	ND	---	0.0229
37		---	---	ND	---	0.0486
38		---	---	ND	---	0.0229
39		---	---	ND	---	0.0229
40	40/41/71	---	---	ND	---	0.0687
41	40/41/71	---	---	ND	---	0.0687
42		---	---	ND	---	0.0229
43	43/73	---	---	ND	---	0.0458
44	44/47/65	25.090	0.78	0.246	---	0.0687
45	45/51	22.190	0.80	0.123	---	0.0458
46		---	---	ND	---	0.0229
47	44/47/65	25.090	0.78	(0.246)	---	0.0687
48		---	---	ND	---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt. 341 Bridge
Lab Sample ID	10682325004
Filename	Y240205A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	24.487	0.77	0.146	---	0.0458
50	50/53	21.368	0.78	0.105	---	0.0458
51	45/51	22.190	0.80	(0.123)	---	0.0458
52		23.967	0.76	0.137	---	0.118
53	50/53	21.368	0.78	(0.105)	---	0.0458
54		19.021	0.77	0.0331	---	0.0229
55		---	---	ND	---	0.0229
56		---	---	ND	---	0.0229
57		---	---	ND	---	0.0229
58		---	---	ND	---	0.0229
59	59/62/75	---	---	ND	---	0.0687
60		---	---	ND	---	0.0229
61	61/70/74/76	---	---	ND	---	0.0916
62	59/62/75	---	---	ND	---	0.0687
63		---	---	ND	---	0.0229
64		---	---	ND	---	0.0229
65	44/47/65	25.090	0.78	(0.246)	---	0.0687
66		---	---	ND	---	0.0541
67		---	---	ND	---	0.0229
68		---	---	ND	---	0.0229
69	49/69	24.487	0.77	(0.146)	---	0.0458
70	61/70/74/76	---	---	ND	---	0.0916
71	40/41/71	---	---	ND	---	0.0687
72		---	---	ND	---	0.0229
73	43/73	---	---	ND	---	0.0458
74	61/70/74/76	---	---	ND	---	0.0916
75	59/62/75	---	---	ND	---	0.0687
76	61/70/74/76	---	---	ND	---	0.0916
77		---	---	ND	---	0.0229
78		---	---	ND	---	0.0229
79		---	---	ND	---	0.0229
80		---	---	ND	---	0.0229
81		---	---	ND	---	0.0229
82		---	---	ND	---	0.0229
83		---	---	ND	---	0.0229
84		29.220	1.55	0.0383	---	0.0229
85	85/116/117	---	---	ND	---	0.0687
86	86/87/97/108/119/125	---	---	ND	---	0.137
87	86/87/97/108/119/125	---	---	ND	---	0.137
88	88/91	29.002	1.62	0.0539	---	0.0458
89		---	---	ND	---	0.0229
90	90/101/113	31.165	1.59	0.244 U	---	0.0687
91	88/91	29.002	1.62	(0.0539)	---	0.0458
92		30.562	1.58	0.0618	---	0.0229
93	93/98/100/102	---	---	ND	---	0.0916
94		---	---	ND	---	0.0229
95		28.097	1.60	0.175 U	---	0.0641
96		---	---	ND	---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rt. 341 Bridge
Lab Sample ID	10682325004
Filename	Y240205A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.137
98	93/98/100/102	---	---	ND	---	0.0916
99		31.769	1.57	0.109 U	---	0.0229
100	93/98/100/102	---	---	ND	---	0.0916
101	90/101/113	31.165	1.59	(0.244) U	---	0.0687
102	93/98/100/102	---	---	ND	---	0.0916
103		---	---	ND	---	0.0229
104		---	---	ND	---	0.0229
105		37.458	1.56	0.0617	---	0.0229
106		---	---	ND	---	0.0229
107	107/124	---	---	ND	---	0.0458
108	86/87/97/108/119/125	---	---	ND	---	0.137
109		---	---	ND	---	0.0229
110	110/115	33.194	1.59	0.238 U	---	0.0458
111		---	---	ND	---	0.0229
112		---	---	ND	---	0.0229
113	90/101/113	31.165	1.59	(0.244) U	---	0.0687
114		---	---	ND	---	0.0229
115	110/115	33.194	1.59	(0.238) U	---	0.0458
116	85/116/117	---	---	ND	---	0.0687
117	85/116/117	---	---	ND	---	0.0687
118		36.284	1.54	0.147 U	---	0.0357
119	86/87/97/108/119/125	---	---	ND	---	0.137
120		---	---	ND	---	0.0229
121		---	---	ND	---	0.0229
122		---	---	ND	---	0.0229
123		---	---	ND	---	0.0229
124	107/124	---	---	ND	---	0.0458
125	86/87/97/108/119/125	---	---	ND	---	0.137
126		---	---	ND	---	0.0229
127		---	---	ND	---	0.0229
128	128/166	---	---	ND	---	0.0458
129	129/138/163	39.453	1.27	0.433	---	0.0687
130		38.782	1.41	0.0232	---	0.0229
131		---	---	ND	---	0.0229
132		36.368	1.26	0.120	---	0.0229
133		---	---	ND	---	0.0229
134	134/143	---	---	ND	---	0.0458
135	135/151	34.133	1.24	0.193	---	0.0458
136		31.651	1.18	0.0557	---	0.0229
137		---	---	ND	---	0.0229
138	129/138/163	39.453	1.27	(0.433)	---	0.0687
139	139/140	---	---	ND	---	0.0458
140	139/140	---	---	ND	---	0.0458
141		38.380	1.28	0.0827	---	0.0229
142		---	---	ND	---	0.0229
143	134/143	---	---	ND	---	0.0458
144		---	---	ND	---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt. 341 Bridge
Lab Sample ID	10682325004
Filename	Y240205A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0229
146		37.575	1.20	0.0766	---	0.0229
147	147/149	35.094	1.26	0.395	---	0.0458
148		---	---	ND	---	0.0229
149	147/149	35.094	1.26	(0.395)	---	0.0458
150		---	---	ND	---	0.0229
151	135/151	34.133	1.24	(0.193)	---	0.0458
152		---	---	ND	---	0.0229
153	153/168	38.195	1.23	0.405	---	0.0458
154		---	---	ND	---	0.0229
155		---	---	ND	---	0.0229
156	156/157	---	---	ND	---	0.0458
157	156/157	---	---	ND	---	0.0458
158		39.855	1.34	0.0325	---	0.0229
159		---	---	ND	---	0.0229
160		---	---	ND	---	0.0229
161		---	---	ND	---	0.0229
162		---	---	ND	---	0.0229
163	129/138/163	39.453	1.27	(0.433)	---	0.0687
164		39.118	1.33	0.0286	---	0.0229
165		---	---	ND	---	0.0229
166	128/166	---	---	ND	---	0.0458
167		---	---	ND	---	0.0229
168	153/168	38.195	1.23	(0.405)	---	0.0458
169		---	---	ND	---	0.0229
170		46.316	1.04	0.119	---	0.0229
171	171/173	---	---	ND	---	0.0458
172		44.388	1.06	0.0245	---	0.0229
173	171/173	---	---	ND	---	0.0458
174		41.671	1.01	0.137	---	0.0229
175		---	---	ND	---	0.0229
176		---	---	ND	---	0.0229
177		42.107	1.00	0.0889	---	0.0229
178		39.906	1.02	0.0352	---	0.0229
179		37.122	1.05	0.0664	---	0.0229
180	180/193	45.058	1.00	0.286	---	0.0458
181		---	---	ND	---	0.0229
182		---	---	ND	---	0.0229
183	183/185	41.453	1.02	0.0930	---	0.0458
184		---	---	ND	---	0.0229
185	183/185	41.453	1.02	(0.0930)	---	0.0458
186		---	---	ND	---	0.0229
187		40.828	1.03	0.168	---	0.0229
188		---	---	ND	---	0.0229
189		---	---	ND	---	0.0229
190		46.852	1.09	0.0270	---	0.0229
191		---	---	ND	---	0.0229
192		---	---	ND	---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt. 341 Bridge
Lab Sample ID	10682325004
Filename	Y240205A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.058	1.00	(0.286)	---	0.0458
194		51.573	0.82	0.0586	---	0.0229
195		49.202	0.93	0.0258	---	0.0229
196		47.690	0.90	0.0303	---	0.0229
197	197/200	---	---	ND	---	0.0458
198	198/199	47.036	0.92	0.0699	---	0.0458
199	198/199	47.036	0.92	(0.0699)	---	0.0458
200	197/200	---	---	ND	---	0.0458
201		---	---	ND	---	0.0229
202		---	---	ND	---	0.0229
203		47.892	0.94	0.0410	---	0.0229
204		---	---	ND	---	0.0229
205		---	---	ND	---	0.0229
206		---	---	ND	---	0.0229
207		---	---	ND	---	0.0229
208		---	---	ND	---	0.0229
209		---	---	ND	---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rt. 341 Bridge
Lab Sample ID	10682325004
Filename	Y240205A_11

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0256
Total Dichloro Biphenyls	0.295
Total Trichloro Biphenyls	0.194
Total Tetrachloro Biphenyls	0.790
Total Pentachloro Biphenyls	1.13
Total Hexachloro Biphenyls	1.84
Total Heptachloro Biphenyls	1.05
Total Octachloro Biphenyls	0.226
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	5.55

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	HR-EB1		
Lab Sample ID	10682325005		
Filename	Y240205A_12		
Injected By	AH5		
Total Amount Extracted	1750 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	01/22/2024 08:30
ICAL ID	Y240205A03	Received	01/26/2024 08:50
CCal Filename(s)	Y240205A_02	Extracted	01/31/2024 14:25
Method Blank ID	BLANK-110744	Analyzed	02/05/2024 22:33

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.096	3.21	2.0	1.18	59
13C-4-MoCB	3	11.660	3.08	2.0	1.38	69
13C-2,2'-DiCB	4	11.936	1.57	2.0	1.13	57
13C-4,4'-DiCB	15	18.679	1.57	2.0	1.58	79
13C-2,2',6-TrCB	19	15.528	1.07	2.0	1.31	65
13C-3,4,4'-TrCB	37	26.249	1.05	2.0	1.77	88
13C-2,2',6,6'-TeCB	54	18.989	0.80	2.0	1.44	72
13C-3,4,4',5-TeCB	81	33.296	0.78	2.0	1.92	96
13C-3,3',4,4'-TeCB	77	33.866	0.79	2.0	1.93	97
13C-2,2',4,6,6'-PeCB	104	24.958	1.61	2.0	1.40	70
13C-2,3,3',4,4'-PeCB	105	37.443	1.62	2.0	1.81	90
13C-2,3,4,4',5-PeCB	114	36.789	1.58	2.0	1.81	91
13C-2,3',4,4',5-PeCB	118	36.252	1.60	2.0	1.78	89
13C-2,3',4,4',5'-PeCB	123	35.917	1.58	2.0	1.75	88
13C-3,3',4,4',5-PeCB	126	40.579	1.61	2.0	1.79	90
13C-2,2',4,4',6,6'-HxCB	155	30.915	1.28	2.0	1.44	72
13C-HxCB(156/157)	156/157	43.636	1.28	4.0	3.47	87
13C-2,3',4,4',5,5'-HxCB	167	42.479	1.29	2.0	1.78	89
13C-3,3',4,4',5,5'-HxCB	169	46.905	1.28	2.0	1.79	89
13C-2,2',3,4',5,6,6'-HpCB	188	36.772	1.06	2.0	1.23	62
13C-2,3,3',4,4',5,5'-HpCB	189	49.442	1.09	2.0	1.72	86
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.210	0.91	2.0	1.40	70
13C-2,3,3',4,4',5,5',6-OcCB	205	52.028	0.87	2.0	1.59	79
13C-2,2',3,3',4,4',5,5',6-NoCB	206	53.752	0.79	2.0	1.44	72
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	48.946	0.78	2.0	1.49	75
13C-DeCB	209	55.347	0.70	2.0	1.24	62
Cleanup Standards						
13C-2,4,4'-TrCB	28	21.990	1.05	2.0	1.69	84
13C-2,3,3',5,5'-PeCB	111	33.917	1.57	2.0	1.52	76
13C-2,2',3,3',5,5',6-HpCB	178	39.857	1.09	2.0	1.31	65
Recovery Standards						
13C-2,5-DiCB	9	14.258	1.60	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	23.935	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.133	1.59	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.405	1.29	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.554	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-EB1
Lab Sample ID	10682325005
Filename	Y240205A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0229
2		---	---	ND	---	0.0229
3		---	---	ND	---	0.0229
4		11.960	1.65	0.0310	---	0.0229
5		---	---	ND	---	0.0229
6		---	---	ND	---	0.0229
7		---	---	ND	---	0.0229
8		15.229	1.59	0.0449	---	0.0229
9		---	---	ND	---	0.0229
10		---	---	ND	---	0.0229
11		---	---	ND	---	0.224
12	12/13	---	---	ND	---	0.0457
13	12/13	---	---	ND	---	0.0457
14		---	---	ND	---	0.0229
15		---	---	ND	---	0.0302
16		---	---	ND	---	0.0229
17		---	---	ND	---	0.0229
18	18/30	---	---	ND	---	0.0457
19		---	---	ND	---	0.0229
20	20/28	---	---	ND	---	0.118
21	21/33	---	---	ND	---	0.123
22		---	---	ND	---	0.0868
23		---	---	ND	---	0.0229
24		---	---	ND	---	0.0229
25		---	---	ND	---	0.0229
26	26/29	---	---	ND	---	0.0457
27		---	---	ND	---	0.0229
28	20/28	---	---	ND	---	0.118
29	26/29	---	---	ND	---	0.0457
30	18/30	---	---	ND	---	0.0457
31		---	---	ND	---	0.119
32		---	---	ND	---	0.0229
33	21/33	---	---	ND	---	0.123
34		---	---	ND	---	0.0229
35		---	---	ND	---	0.0229
36		---	---	ND	---	0.0229
37		---	---	ND	---	0.0484
38		---	---	ND	---	0.0229
39		---	---	ND	---	0.0229
40	40/41/71	---	---	ND	---	0.0686
41	40/41/71	---	---	ND	---	0.0686
42		---	---	ND	---	0.0229
43	43/73	---	---	ND	---	0.0457
44	44/47/65	---	---	ND	---	0.0686
45	45/51	---	---	ND	---	0.0457
46		---	---	ND	---	0.0229
47	44/47/65	---	---	ND	---	0.0686
48		---	---	ND	---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID HR-EB1
Lab Sample ID 10682325005
Filename Y240205A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	---	---	ND	---	0.0457
50	50/53	---	---	ND	---	0.0457
51	45/51	---	---	ND	---	0.0457
52		---	---	ND	---	0.118
53	50/53	---	---	ND	---	0.0457
54		---	---	ND	---	0.0229
55		---	---	ND	---	0.0229
56		---	---	ND	---	0.0229
57		---	---	ND	---	0.0229
58		---	---	ND	---	0.0229
59	59/62/75	---	---	ND	---	0.0686
60		---	---	ND	---	0.0229
61	61/70/74/76	---	---	ND	---	0.0914
62	59/62/75	---	---	ND	---	0.0686
63		---	---	ND	---	0.0229
64		---	---	ND	---	0.0229
65	44/47/65	---	---	ND	---	0.0686
66		---	---	ND	---	0.0539
67		---	---	ND	---	0.0229
68		---	---	ND	---	0.0229
69	49/69	---	---	ND	---	0.0457
70	61/70/74/76	---	---	ND	---	0.0914
71	40/41/71	---	---	ND	---	0.0686
72		---	---	ND	---	0.0229
73	43/73	---	---	ND	---	0.0457
74	61/70/74/76	---	---	ND	---	0.0914
75	59/62/75	---	---	ND	---	0.0686
76	61/70/74/76	---	---	ND	---	0.0914
77		---	---	ND	---	0.0229
78		---	---	ND	---	0.0229
79		---	---	ND	---	0.0229
80		---	---	ND	---	0.0229
81		---	---	ND	---	0.0229
82		---	---	ND	---	0.0229
83		---	---	ND	---	0.0229
84		---	---	ND	---	0.0229
85	85/116/117	---	---	ND	---	0.0686
86	86/87/97/108/119/125	---	---	ND	---	0.137
87	86/87/97/108/119/125	---	---	ND	---	0.137
88	88/91	---	---	ND	---	0.0457
89		---	---	ND	---	0.0229
90	90/101/113	31.167	1.67	0.0770	---	0.0686
91	88/91	---	---	ND	---	0.0457
92		---	---	ND	---	0.0229
93	93/98/100/102	---	---	ND	---	0.0914
94		---	---	ND	---	0.0229
95		28.082	1.54	0.0736	---	0.0640
96		---	---	ND	---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-EB1
Lab Sample ID	10682325005
Filename	Y240205A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.137
98	93/98/100/102	---	---	ND	---	0.0914
99		31.770	1.60	0.0315	---	0.0229
100	93/98/100/102	---	---	ND	---	0.0914
101	90/101/113	31.167	1.67	(0.0770)	---	0.0686
102	93/98/100/102	---	---	ND	---	0.0914
103		---	---	ND	---	0.0229
104		---	---	ND	---	0.0229
105		---	---	ND	---	0.0229
106		---	---	ND	---	0.0229
107	107/124	---	---	ND	---	0.0457
108	86/87/97/108/119/125	---	---	ND	---	0.137
109		---	---	ND	---	0.0229
110	110/115	33.196	1.56	0.0705	---	0.0457
111		---	---	ND	---	0.0229
112		---	---	ND	---	0.0229
113	90/101/113	31.167	1.67	(0.0770)	---	0.0686
114		---	---	ND	---	0.0229
115	110/115	33.196	1.56	(0.0705)	---	0.0457
116	85/116/117	---	---	ND	---	0.0686
117	85/116/117	---	---	ND	---	0.0686
118		36.269	1.54	0.0413	---	0.0356
119	86/87/97/108/119/125	---	---	ND	---	0.137
120		---	---	ND	---	0.0229
121		---	---	ND	---	0.0229
122		---	---	ND	---	0.0229
123		---	---	ND	---	0.0229
124	107/124	---	---	ND	---	0.0457
125	86/87/97/108/119/125	---	---	ND	---	0.137
126		---	---	ND	---	0.0229
127		---	---	ND	---	0.0229
128	128/166	---	---	ND	---	0.0457
129	129/138/163	---	---	ND	---	0.0686
130		---	---	ND	---	0.0229
131		---	---	ND	---	0.0229
132		---	---	ND	---	0.0229
133		---	---	ND	---	0.0229
134	134/143	---	---	ND	---	0.0457
135	135/151	---	---	ND	---	0.0457
136		---	---	ND	---	0.0229
137		---	---	ND	---	0.0229
138	129/138/163	---	---	ND	---	0.0686
139	139/140	---	---	ND	---	0.0457
140	139/140	---	---	ND	---	0.0457
141		---	---	ND	---	0.0229
142		---	---	ND	---	0.0229
143	134/143	---	---	ND	---	0.0457
144		---	---	ND	---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID HR-EB1
Lab Sample ID 10682325005
Filename Y240205A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0229
146		---	---	ND	---	0.0229
147	147/149	35.096	1.26	0.0471	---	0.0457
148		---	---	ND	---	0.0229
149	147/149	35.096	1.26	(0.0471)	---	0.0457
150		---	---	ND	---	0.0229
151	135/151	---	---	ND	---	0.0457
152		---	---	ND	---	0.0229
153	153/168	---	---	ND	---	0.0457
154		---	---	ND	---	0.0229
155		---	---	ND	---	0.0229
156	156/157	---	---	ND	---	0.0457
157	156/157	---	---	ND	---	0.0457
158		---	---	ND	---	0.0229
159		---	---	ND	---	0.0229
160		---	---	ND	---	0.0229
161		---	---	ND	---	0.0229
162		---	---	ND	---	0.0229
163	129/138/163	---	---	ND	---	0.0686
164		---	---	ND	---	0.0229
165		---	---	ND	---	0.0229
166	128/166	---	---	ND	---	0.0457
167		---	---	ND	---	0.0229
168	153/168	---	---	ND	---	0.0457
169		---	---	ND	---	0.0229
170		---	---	ND	---	0.0229
171	171/173	---	---	ND	---	0.0457
172		---	---	ND	---	0.0229
173	171/173	---	---	ND	---	0.0457
174		---	---	ND	---	0.0229
175		---	---	ND	---	0.0229
176		---	---	ND	---	0.0229
177		---	---	ND	---	0.0229
178		---	---	ND	---	0.0229
179		---	---	ND	---	0.0229
180	180/193	---	---	ND	---	0.0457
181		---	---	ND	---	0.0229
182		---	---	ND	---	0.0229
183	183/185	---	---	ND	---	0.0457
184		---	---	ND	---	0.0229
185	183/185	---	---	ND	---	0.0457
186		---	---	ND	---	0.0229
187		---	---	ND	---	0.0229
188		---	---	ND	---	0.0229
189		---	---	ND	---	0.0229
190		---	---	ND	---	0.0229
191		---	---	ND	---	0.0229
192		---	---	ND	---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-EB1
Lab Sample ID	10682325005
Filename	Y240205A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	---	---	ND	---	0.0457
194		---	---	ND	---	0.0229
195		---	---	ND	---	0.0229
196		---	---	ND	---	0.0229
197	197/200	---	---	ND	---	0.0457
198	198/199	---	---	ND	---	0.0457
199	198/199	---	---	ND	---	0.0457
200	197/200	---	---	ND	---	0.0457
201		---	---	ND	---	0.0229
202		---	---	ND	---	0.0229
203		---	---	ND	---	0.0229
204		---	---	ND	---	0.0229
205		---	---	ND	---	0.0229
206		---	---	ND	---	0.0229
207		---	---	ND	---	0.0229
208		---	---	ND	---	0.0229
209		---	---	ND	---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	HR-EB1
Lab Sample ID	10682325005
Filename	Y240205A_12

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.0759
Total Trichloro Biphenyls	ND
Total Tetrachloro Biphenyls	ND
Total Pentachloro Biphenyls	0.294
Total Hexachloro Biphenyls	0.0471
Total Heptachloro Biphenyls	ND
Total Octachloro Biphenyls	ND
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	0.417

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Canaan Town Line Bridge		
Lab Sample ID	10682325006		
Filename	Y240205A_13		
Injected By	AH5		
Total Amount Extracted	1750 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	01/23/2024 16:00
ICAL ID	Y240205A03	Received	01/26/2024 08:50
CCal Filename(s)	Y240205A_02	Extracted	01/31/2024 14:25
Method Blank ID	BLANK-110744	Analyzed	02/05/2024 23:32

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.180	3.04	2.0	1.20	60
13C-4-MoCB	3	11.720	3.11	2.0	1.41	70
13C-2,2'-DiCB	4	11.995	1.61	2.0	1.14	57
13C-4,4'-DiCB	15	18.702	1.57	2.0	1.60	80
13C-2,2',6-TrCB	19	15.564	1.06	2.0	1.35	68
13C-3,4,4'-TrCB	37	26.247	1.04	2.0	1.86	93
13C-2,2',6,6'-TeCB	54	19.005	0.78	2.0	1.48	74
13C-3,4,4',5-TeCB	81	33.294	0.77	2.0	2.01	101
13C-3,3',4,4'-TeCB	77	33.864	0.80	2.0	2.01	101
13C-2,2',4,6,6'-PeCB	104	24.940	1.63	2.0	1.49	75
13C-2,3,3',4,4'-PeCB	105	37.440	1.59	2.0	1.87	94
13C-2,3,4,4',5-PeCB	114	36.786	1.59	2.0	1.87	94
13C-2,3',4,4',5-PeCB	118	36.250	1.58	2.0	1.85	93
13C-2,3',4,4',5'-PeCB	123	35.915	1.57	2.0	1.81	91
13C-3,3',4,4',5-PeCB	126	40.592	1.61	2.0	1.88	94
13C-2,2',4,4',6,6'-HxCB	155	30.913	1.28	2.0	1.51	76
13C-HxCB(156/157)	156/157	43.632	1.27	4.0	3.62	91
13C-2,3',4,4',5,5'-HxCB	167	42.475	1.27	2.0	1.78	89
13C-3,3',4,4',5,5'-HxCB	169	46.902	1.28	2.0	1.84	92
13C-2,2',3,4',5,6,6'-HpCB	188	36.770	1.03	2.0	1.28	64
13C-2,3,3',4,4',5,5'-HpCB	189	49.438	1.05	2.0	1.78	89
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.207	0.90	2.0	1.41	71
13C-2,3,3',4,4',5,5',6-OcCB	205	52.024	0.91	2.0	1.65	82
13C-2,2',3,3',4,4',5,5',6-NoCB	206	53.748	0.82	2.0	1.50	75
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	48.942	0.80	2.0	1.51	76
13C-DeCB	209	55.343	0.71	2.0	1.31	66
CleanupStandards						
13C-2,4,4'-TrCB	28	22.006	1.06	2.0	1.69	85
13C-2,3,3',5,5'-PeCB	111	33.915	1.59	2.0	1.50	75
13C-2,2',3,3',5,5',6-HpCB	178	39.855	1.06	2.0	1.33	66
Recovery Standards						
13C-2,5-DiCB	9	14.294	1.57	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	23.934	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.132	1.61	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.419	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.529	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Canaan Town Line Bridge
Lab Sample ID	10682325006
Filename	Y240205A_13

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.204	3.30	0.0356	---	0.0229
2		---	---	ND	---	0.0229
3		---	---	ND	---	0.0229
4		12.019	1.56	0.409	---	0.0229
5		15.276	1.58	0.0331	---	0.0229
6		---	---	ND	---	0.0229
7		---	---	ND	---	0.0229
8		---	---	ND	---	0.0229
9		---	---	ND	---	0.0229
10		---	---	ND	---	0.0229
11		---	---	ND	---	0.224
12	12/13	---	---	ND	---	0.0458
13	12/13	---	---	ND	---	0.0458
14		---	---	ND	---	0.0229
15		---	---	ND	---	0.0302
16		---	---	ND	---	0.0229
17		18.152	1.06	0.0421	---	0.0229
18	18/30	---	---	ND	---	0.0458
19		15.588	1.06	0.178	---	0.0229
20	20/28	---	---	ND	---	0.118
21	21/33	---	---	ND	---	0.124
22		---	---	ND	---	0.0870
23		---	---	ND	---	0.0229
24		---	---	ND	---	0.0229
25		---	---	ND	---	0.0229
26	26/29	---	---	ND	---	0.0458
27		18.391	1.02	0.0302	---	0.0229
28	20/28	---	---	ND	---	0.118
29	26/29	---	---	ND	---	0.0458
30	18/30	---	---	ND	---	0.0458
31		---	---	ND	---	0.119
32		19.239	1.06	0.0436	---	0.0229
33	21/33	---	---	ND	---	0.124
34		---	---	ND	---	0.0229
35		---	---	ND	---	0.0229
36		---	---	ND	---	0.0229
37		---	---	ND	---	0.0485
38		---	---	ND	---	0.0229
39		---	---	ND	---	0.0229
40	40/41/71	---	---	ND	---	0.0687
41	40/41/71	---	---	ND	---	0.0687
42		---	---	ND	---	0.0229
43	43/73	---	---	ND	---	0.0458
44	44/47/65	25.074	0.78	0.318	---	0.0687
45	45/51	22.190	0.80	0.167	---	0.0458
46		---	---	ND	---	0.0229
47	44/47/65	25.074	0.78	(0.318)	---	0.0687
48		---	---	ND	---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Canaan Town Line Bridge
Lab Sample ID	10682325006
Filename	Y240205A_13

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
49	49/69	24.487	0.77	0.184		---	0.0458
50	50/53	21.385	0.76	0.136		---	0.0458
51	45/51	22.190	0.80	(0.167)		---	0.0458
52		23.967	0.79	0.168		---	0.118
53	50/53	21.385	0.76	(0.136)		---	0.0458
54		19.038	0.78	0.0431		---	0.0229
55		---	---	ND		---	0.0229
56		---	---	ND		---	0.0229
57		---	---	ND		---	0.0229
58		---	---	ND		---	0.0229
59	59/62/75	---	---	ND		---	0.0687
60		---	---	ND		---	0.0229
61	61/70/74/76	---	---	ND		---	0.0916
62	59/62/75	---	---	ND		---	0.0687
63		---	---	ND		---	0.0229
64		---	---	ND		---	0.0229
65	44/47/65	25.074	0.78	(0.318)		---	0.0687
66		---	---	ND		---	0.0540
67		---	---	ND		---	0.0229
68		---	---	ND		---	0.0229
69	49/69	24.487	0.77	(0.184)		---	0.0458
70	61/70/74/76	---	---	ND		---	0.0916
71	40/41/71	---	---	ND		---	0.0687
72		---	---	ND		---	0.0229
73	43/73	---	---	ND		---	0.0458
74	61/70/74/76	---	---	ND		---	0.0916
75	59/62/75	---	---	ND		---	0.0687
76	61/70/74/76	---	---	ND		---	0.0916
77		---	---	ND		---	0.0229
78		---	---	ND		---	0.0229
79		---	---	ND		---	0.0229
80		---	---	ND		---	0.0229
81		---	---	ND		---	0.0229
82		---	---	ND		---	0.0229
83		---	---	ND		---	0.0229
84		29.220	1.61	0.0421		---	0.0229
85	85/116/117	---	---	ND		---	0.0687
86	86/87/97/108/119/125	---	---	ND		---	0.137
87	86/87/97/108/119/125	---	---	ND		---	0.137
88	88/91	28.986	1.55	0.0646		---	0.0458
89		---	---	ND		---	0.0229
90	90/101/113	31.165	1.56	0.281	U	---	0.0687
91	88/91	28.986	1.55	(0.0646)		---	0.0458
92		30.561	1.56	0.0727		---	0.0229
93	93/98/100/102	---	---	ND		---	0.0916
94		---	---	ND		---	0.0229
95		28.080	1.54	0.203	U	---	0.0641
96		---	---	ND		---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Canaan Town Line Bridge
Lab Sample ID	10682325006
Filename	Y240205A_13

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.137
98	93/98/100/102	---	---	ND	---	0.0916
99		31.768	1.56	0.117 U	---	0.0229
100	93/98/100/102	---	---	ND	---	0.0916
101	90/101/113	31.165	1.56	(0.281) U	---	0.0687
102	93/98/100/102	---	---	ND	---	0.0916
103		---	---	ND	---	0.0229
104		---	---	ND	---	0.0229
105		37.474	1.62	0.0590	---	0.0229
106		---	---	ND	---	0.0229
107	107/124	---	---	ND	---	0.0458
108	86/87/97/108/119/125	---	---	ND	---	0.137
109		---	---	ND	---	0.0229
110	110/115	33.177	1.56	0.248 U	---	0.0458
111		---	---	ND	---	0.0229
112		---	---	ND	---	0.0229
113	90/101/113	31.165	1.56	(0.281) U	---	0.0687
114		---	---	ND	---	0.0229
115	110/115	33.177	1.56	(0.248) U	---	0.0458
116	85/116/117	---	---	ND	---	0.0687
117	85/116/117	---	---	ND	---	0.0687
118		36.284	1.56	0.148 U	---	0.0357
119	86/87/97/108/119/125	---	---	ND	---	0.137
120		---	---	ND	---	0.0229
121		---	---	ND	---	0.0229
122		---	---	ND	---	0.0229
123		---	---	ND	---	0.0229
124	107/124	---	---	ND	---	0.0458
125	86/87/97/108/119/125	---	---	ND	---	0.137
126		---	---	ND	---	0.0229
127		---	---	ND	---	0.0229
128	128/166	---	---	ND	---	0.0458
129	129/138/163	39.436	1.25	0.483	---	0.0687
130		38.782	1.27	0.0260	---	0.0229
131		---	---	ND	---	0.0229
132		36.368	1.25	0.128	---	0.0229
133		---	---	ND	---	0.0229
134	134/143	---	---	ND	---	0.0458
135	135/151	34.132	1.26	0.230	---	0.0458
136		31.634	1.29	0.0669	---	0.0229
137		---	---	ND	---	0.0229
138	129/138/163	39.436	1.25	(0.483)	---	0.0687
139	139/140	---	---	ND	---	0.0458
140	139/140	---	---	ND	---	0.0458
141		38.363	1.22	0.0929	---	0.0229
142		---	---	ND	---	0.0229
143	134/143	---	---	ND	---	0.0458
144		---	---	ND	---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Canaan Town Line Bridge
Lab Sample ID	10682325006
Filename	Y240205A_13

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0229
146		37.558	1.25	0.0977	---	0.0229
147	147/149	35.093	1.22	0.452	---	0.0458
148		---	---	ND	---	0.0229
149	147/149	35.093	1.22	(0.452)	---	0.0458
150		---	---	ND	---	0.0229
151	135/151	34.132	1.26	(0.230)	---	0.0458
152		---	---	ND	---	0.0229
153	153/168	38.195	1.27	0.486	---	0.0458
154		---	---	ND	---	0.0229
155		---	---	ND	---	0.0229
156	156/157	---	---	ND	---	0.0458
157	156/157	---	---	ND	---	0.0458
158		39.838	1.19	0.0361	---	0.0229
159		---	---	ND	---	0.0229
160		---	---	ND	---	0.0229
161		---	---	ND	---	0.0229
162		---	---	ND	---	0.0229
163	129/138/163	39.436	1.25	(0.483)	---	0.0687
164		39.117	1.19	0.0324	---	0.0229
165		---	---	ND	---	0.0229
166	128/166	---	---	ND	---	0.0458
167		---	---	ND	---	0.0229
168	153/168	38.195	1.27	(0.486)	---	0.0458
169		---	---	ND	---	0.0229
170		46.315	1.08	0.144	---	0.0229
171	171/173	42.760	1.03	0.0479	---	0.0458
172		44.403	1.05	0.0301	---	0.0229
173	171/173	42.760	1.03	(0.0479)	---	0.0458
174		41.671	1.04	0.164	---	0.0229
175		---	---	ND	---	0.0229
176		---	---	ND	---	0.0229
177		42.106	1.00	0.108	---	0.0229
178		39.888	1.07	0.0420	---	0.0229
179		37.122	1.04	0.0803	---	0.0229
180	180/193	45.057	1.05	0.352	---	0.0458
181		---	---	ND	---	0.0229
182		---	---	ND	---	0.0229
183	183/185	41.436	1.05	0.117	---	0.0458
184		---	---	ND	---	0.0229
185	183/185	41.436	1.05	(0.117)	---	0.0458
186		---	---	ND	---	0.0229
187		40.827	1.06	0.222	---	0.0229
188		---	---	ND	---	0.0229
189		---	---	ND	---	0.0229
190		46.851	1.05	0.0335	---	0.0229
191		---	---	ND	---	0.0229
192		---	---	ND	---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Canaan Town Line Bridge
Lab Sample ID	10682325006
Filename	Y240205A_13

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.057	1.05	(0.352)	---	0.0458
194		51.550	0.84	0.0729	---	0.0229
195		49.201	0.88	0.0334	---	0.0229
196		47.689	0.86	0.0383	---	0.0229
197	197/200	---	---	ND	---	0.0458
198	198/199	47.019	0.91	0.0872	---	0.0458
199	198/199	47.019	0.91	(0.0872)	---	0.0458
200	197/200	---	---	ND	---	0.0458
201		---	---	ND	---	0.0229
202		---	---	ND	---	0.0229
203		47.891	0.92	0.0503	---	0.0229
204		---	---	ND	---	0.0229
205		---	---	ND	---	0.0229
206		---	---	ND	---	0.0229
207		---	---	ND	---	0.0229
208		---	---	ND	---	0.0229
209		---	---	ND	---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Canaan Town Line Bridge
Lab Sample ID	10682325006
Filename	Y240205A_13

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0356
Total Dichloro Biphenyls	0.442
Total Trichloro Biphenyls	0.294
Total Tetrachloro Biphenyls	1.02
Total Pentachloro Biphenyls	1.24
Total Hexachloro Biphenyls	2.13
Total Heptachloro Biphenyls	1.34
Total Octachloro Biphenyls	0.282
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	6.77

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Falls Village dam		
Lab Sample ID	10682325007		
Filename	Y240206A_04		
Injected By	AH5		
Total Amount Extracted	1700 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	01/23/2024 12:00
ICAL ID	Y240206A02	Received	01/26/2024 08:50
CCal Filename(s)	Y240206A_01	Extracted	01/31/2024 14:25
Method Blank ID	BLANK-110744	Analyzed	02/06/2024 04:27

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.084	3.04	2.0	0.904	45
13C-4-MoCB	3	11.648	3.14	2.0	1.10	55
13C-2,2'-DiCB	4	11.924	1.59	2.0	0.905	45
13C-4,4'-DiCB	15	18.668	1.56	2.0	1.38	69
13C-2,2',6-TrCB	19	15.528	1.07	2.0	1.10	55
13C-3,4,4'-TrCB	37	26.249	1.05	2.0	1.69	84
13C-2,2',6,6'-TeCB	54	18.972	0.81	2.0	1.25	63
13C-3,4,4',5-TeCB	81	33.280	0.79	2.0	1.84	92
13C-3,3',4,4'-TeCB	77	33.850	0.77	2.0	1.86	93
13C-2,2',4,6,6'-PeCB	104	24.941	1.63	2.0	1.36	68
13C-2,3,3',4,4'-PeCB	105	37.427	1.61	2.0	1.69	85
13C-2,3,4,4',5-PeCB	114	36.773	1.60	2.0	1.68	84
13C-2,3',4,4',5-PeCB	118	36.236	1.61	2.0	1.72	86
13C-2,3',4,4',5'-PeCB	123	35.918	1.57	2.0	1.65	82
13C-3,3',4,4',5-PeCB	126	40.579	1.61	2.0	1.71	86
13C-2,2',4,4',6,6'-HxCB	155	30.916	1.30	2.0	1.43	71
13C-HxCB(156/157)	156/157	43.619	1.28	4.0	3.33	83
13C-2,3',4,4',5,5'-HxCB	167	42.462	1.28	2.0	1.66	83
13C-3,3',4,4',5,5'-HxCB	169	46.905	1.28	2.0	1.69	85
13C-2,2',3,4',5,6,6'-HpCB	188	36.773	1.05	2.0	1.20	60
13C-2,3,3',4,4',5,5'-HpCB	189	49.442	1.08	2.0	1.71	86
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.194	0.88	2.0	1.33	66
13C-2,3,3',4,4',5,5',6-OcCB	205	52.007	0.89	2.0	1.56	78
13C-2,2',3,3',4,4',5,5',6-NoCB	206	53.731	0.81	2.0	1.49	75
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	48.925	0.79	2.0	1.46	73
13C-DeCB	209	55.326	0.74	2.0	1.28	64
CleanupStandards						
13C-2,4,4'-TrCB	28	21.990	1.06	2.0	1.66	83
13C-2,3,3',5,5'-PeCB	111	33.917	1.58	2.0	1.50	75
13C-2,2',3,3',5,5',6-HpCB	178	39.858	1.05	2.0	1.31	66
Recovery Standards						
13C-2,5-DiCB	9	14.247	1.57	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	23.935	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.134	1.58	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.405	1.28	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.533	0.92	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village dam
Lab Sample ID	10682325007
Filename	Y240206A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.096	2.96	0.0381	---	0.0235
2		---	---	ND	---	0.0235
3		---	---	ND	---	0.0235
4		11.948	1.56	0.465	---	0.0235
5		---	---	ND	---	0.0235
6		---	---	ND	---	0.0235
7		---	---	ND	---	0.0235
8		---	---	ND	---	0.0235
9		---	---	ND	---	0.0235
10		---	---	ND	---	0.0235
11		---	---	ND	---	0.230
12	12/13	---	---	ND	---	0.0470
13	12/13	---	---	ND	---	0.0470
14		---	---	ND	---	0.0235
15		---	---	ND	---	0.0310
16		---	---	ND	---	0.0235
17		18.128	1.08	0.0433	---	0.0235
18	18/30	---	---	ND	---	0.0470
19		15.540	1.06	0.213	---	0.0235
20	20/28	---	---	ND	---	0.121
21	21/33	---	---	ND	---	0.127
22		---	---	ND	---	0.0892
23		---	---	ND	---	0.0235
24		---	---	ND	---	0.0235
25		---	---	ND	---	0.0235
26	26/29	---	---	ND	---	0.0470
27		18.356	1.07	0.0348	---	0.0235
28	20/28	---	---	ND	---	0.121
29	26/29	---	---	ND	---	0.0470
30	18/30	---	---	ND	---	0.0470
31		---	---	ND	---	0.122
32		19.207	1.08	0.0469	---	0.0235
33	21/33	---	---	ND	---	0.127
34		---	---	ND	---	0.0235
35		---	---	ND	---	0.0235
36		---	---	ND	---	0.0235
37		---	---	ND	---	0.0498
38		---	---	ND	---	0.0235
39		---	---	ND	---	0.0235
40	40/41/71	---	---	ND	---	0.0704
41	40/41/71	---	---	ND	---	0.0704
42		---	---	ND	---	0.0235
43	43/73	---	---	ND	---	0.0470
44	44/47/65	25.076	0.76	0.346	---	0.0704
45	45/51	22.175	0.76	0.191	---	0.0470
46		---	---	ND	---	0.0235
47	44/47/65	25.076	0.76	(0.346)	---	0.0704
48		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village dam
Lab Sample ID	10682325007
Filename	Y240206A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	24.489	0.79	0.203	---	0.0470
50	50/53	21.370	0.76	0.157	---	0.0470
51	45/51	22.175	0.76	(0.191)	---	0.0470
52		23.952	0.78	0.165	---	0.121
53	50/53	21.370	0.76	(0.157)	---	0.0470
54		19.006	0.76	0.0531	---	0.0235
55		---	---	ND	---	0.0235
56		---	---	ND	---	0.0235
57		---	---	ND	---	0.0235
58		---	---	ND	---	0.0235
59	59/62/75	---	---	ND	---	0.0704
60		---	---	ND	---	0.0235
61	61/70/74/76	---	---	ND	---	0.0939
62	59/62/75	---	---	ND	---	0.0704
63		---	---	ND	---	0.0235
64		---	---	ND	---	0.0235
65	44/47/65	25.076	0.76	(0.346)	---	0.0704
66		---	---	ND	---	0.0554
67		---	---	ND	---	0.0235
68		---	---	ND	---	0.0235
69	49/69	24.489	0.79	(0.203)	---	0.0470
70	61/70/74/76	---	---	ND	---	0.0939
71	40/41/71	---	---	ND	---	0.0704
72		---	---	ND	---	0.0235
73	43/73	---	---	ND	---	0.0470
74	61/70/74/76	---	---	ND	---	0.0939
75	59/62/75	---	---	ND	---	0.0704
76	61/70/74/76	---	---	ND	---	0.0939
77		---	---	ND	---	0.0235
78		---	---	ND	---	0.0235
79		---	---	ND	---	0.0235
80		---	---	ND	---	0.0235
81		---	---	ND	---	0.0235
82		---	---	ND	---	0.0235
83		---	---	ND	---	0.0235
84		29.205	1.50	0.0250	---	0.0235
85	85/116/117	---	---	ND	---	0.0704
86	86/87/97/108/119/125	---	---	ND	---	0.141
87	86/87/97/108/119/125	---	---	ND	---	0.141
88	88/91	28.987	1.54	0.0640	---	0.0470
89		---	---	ND	---	0.0235
90	90/101/113	31.151	1.53	0.240 U	---	0.0704
91	88/91	28.987	1.54	(0.0640)	---	0.0470
92		30.547	1.58	0.0687	---	0.0235
93	93/98/100/102	---	---	ND	---	0.0939
94		---	---	ND	---	0.0235
95		28.082	1.57	0.180 U	---	0.0657
96		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village dam
Lab Sample ID	10682325007
Filename	Y240206A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.141
98	93/98/100/102	---	---	ND	---	0.0939
99		31.771	1.56	0.104 U	---	0.0235
100	93/98/100/102	---	---	ND	---	0.0939
101	90/101/113	31.151	1.53	(0.240) U	---	0.0704
102	93/98/100/102	---	---	ND	---	0.0939
103		---	---	ND	---	0.0235
104		---	---	ND	---	0.0235
105		---	---	ND	---	0.0235
106		---	---	ND	---	0.0235
107	107/124	---	---	ND	---	0.0470
108	86/87/97/108/119/125	---	---	ND	---	0.141
109		---	---	ND	---	0.0235
110	110/115	33.180	1.56	0.171 U	---	0.0470
111		---	---	ND	---	0.0235
112		---	---	ND	---	0.0235
113	90/101/113	31.151	1.53	(0.240) U	---	0.0704
114		---	---	ND	---	0.0235
115	110/115	33.180	1.56	(0.171) U	---	0.0470
116	85/116/117	---	---	ND	---	0.0704
117	85/116/117	---	---	ND	---	0.0704
118		36.270	1.58	0.0764 U	---	0.0366
119	86/87/97/108/119/125	---	---	ND	---	0.141
120		---	---	ND	---	0.0235
121		---	---	ND	---	0.0235
122		---	---	ND	---	0.0235
123		---	---	ND	---	0.0235
124	107/124	---	---	ND	---	0.0470
125	86/87/97/108/119/125	---	---	ND	---	0.141
126		---	---	ND	---	0.0235
127		---	---	ND	---	0.0235
128	128/166	---	---	ND	---	0.0470
129	129/138/163	39.439	1.26	0.453	---	0.0704
130		---	---	ND	---	0.0235
131		---	---	ND	---	0.0235
132		36.354	1.26	0.116	---	0.0235
133		---	---	ND	---	0.0235
134	134/143	---	---	ND	---	0.0470
135	135/151	34.135	1.26	0.238	---	0.0470
136		31.637	1.27	0.0651	---	0.0235
137		---	---	ND	---	0.0235
138	129/138/163	39.439	1.26	(0.453)	---	0.0704
139	139/140	---	---	ND	---	0.0470
140	139/140	---	---	ND	---	0.0470
141		38.366	1.25	0.0886	---	0.0235
142		---	---	ND	---	0.0235
143	134/143	---	---	ND	---	0.0470
144		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village dam
Lab Sample ID	10682325007
Filename	Y240206A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0235
146		37.544	1.32	0.0986	---	0.0235
147	147/149	35.079	1.24	0.460	---	0.0470
148		---	---	ND	---	0.0235
149	147/149	35.079	1.24	(0.460)	---	0.0470
150		---	---	ND	---	0.0235
151	135/151	34.135	1.26	(0.238)	---	0.0470
152		---	---	ND	---	0.0235
153	153/168	38.181	1.25	0.480	---	0.0470
154		---	---	ND	---	0.0235
155		---	---	ND	---	0.0235
156	156/157	---	---	ND	---	0.0470
157	156/157	---	---	ND	---	0.0470
158		39.841	1.20	0.0299	---	0.0235
159		---	---	ND	---	0.0235
160		---	---	ND	---	0.0235
161		---	---	ND	---	0.0235
162		---	---	ND	---	0.0235
163	129/138/163	39.439	1.26	(0.453)	---	0.0704
164		39.120	1.27	0.0307	---	0.0235
165		---	---	ND	---	0.0235
166	128/166	---	---	ND	---	0.0470
167		---	---	ND	---	0.0235
168	153/168	38.181	1.25	(0.480)	---	0.0470
169		---	---	ND	---	0.0235
170		46.302	1.02	0.143	---	0.0235
171	171/173	42.747	1.12	0.0470	---	0.0470
172		44.407	1.00	0.0311	---	0.0235
173	171/173	42.747	1.12	(0.0470)	---	0.0470
174		41.658	1.00	0.181	---	0.0235
175		---	---	ND	---	0.0235
176		---	---	ND	---	0.0235
177		42.093	1.00	0.109	---	0.0235
178		39.875	1.03	0.0450	---	0.0235
179		37.108	1.04	0.0843	---	0.0235
180	180/193	45.044	1.01	0.348	---	0.0470
181		---	---	ND	---	0.0235
182		---	---	ND	---	0.0235
183	183/185	41.439	1.06	0.107	---	0.0470
184		---	---	ND	---	0.0235
185	183/185	41.439	1.06	(0.107)	---	0.0470
186		---	---	ND	---	0.0235
187		40.814	1.01	0.229	---	0.0235
188		---	---	ND	---	0.0235
189		---	---	ND	---	0.0235
190		46.855	1.02	0.0319	---	0.0235
191		---	---	ND	---	0.0235
192		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village dam
Lab Sample ID	10682325007
Filename	Y240206A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.044	1.01	(0.348)	---	0.0470
194		51.554	0.90	0.0728	---	0.0235
195		49.205	0.93	0.0328	---	0.0235
196		47.677	0.88	0.0370	---	0.0235
197	197/200	---	---	ND	---	0.0470
198	198/199	47.023	0.88	0.0890	---	0.0470
199	198/199	47.023	0.88	(0.0890)	---	0.0470
200	197/200	---	---	ND	---	0.0470
201		---	---	ND	---	0.0235
202		---	---	ND	---	0.0235
203		47.878	0.88	0.0507	---	0.0235
204		---	---	ND	---	0.0235
205		---	---	ND	---	0.0235
206		---	---	ND	---	0.0235
207		---	---	ND	---	0.0235
208		---	---	ND	---	0.0235
209		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Falls Village dam
Lab Sample ID	10682325007
Filename	Y240206A_04

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0381
Total Dichloro Biphenyls	0.465
Total Trichloro Biphenyls	0.338
Total Tetrachloro Biphenyls	1.12
Total Pentachloro Biphenyls	0.928
Total Hexachloro Biphenyls	2.06
Total Heptachloro Biphenyls	1.36
Total Octachloro Biphenyls	0.282
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	6.59

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rannapo Rd Bridge		
Lab Sample ID	10682325008		
Filename	Y240206A_05		
Injected By	AH5		
Total Amount Extracted	1600 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	01/24/2024 12:30
ICAL ID	Y240206A02	Received	01/26/2024 08:50
CCal Filename(s)	Y240206A_01	Extracted	01/31/2024 14:25
Method Blank ID	BLANK-110744	Analyzed	02/06/2024 05:26

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.108	3.05	2.0	1.06	53
13C-4-MoCB	3	11.672	3.17	2.0	1.29	64
13C-2,2'-DiCB	4	11.948	1.58	2.0	1.03	52
13C-4,4'-DiCB	15	18.679	1.56	2.0	1.61	80
13C-2,2',6-TrCB	19	15.540	1.07	2.0	1.27	63
13C-3,4,4'-TrCB	37	26.249	1.05	2.0	1.88	94
13C-2,2',6,6'-TeCB	54	18.989	0.80	2.0	1.42	71
13C-3,4,4',5-TeCB	81	33.296	0.78	2.0	2.03	102
13C-3,3',4,4'-TeCB	77	33.866	0.79	2.0	2.04	102
13C-2,2',4,6,6'-PeCB	104	24.958	1.61	2.0	1.50	75
13C-2,3,3',4,4'-PeCB	105	37.442	1.58	2.0	1.94	97
13C-2,3,4,4',5-PeCB	114	36.789	1.60	2.0	1.90	95
13C-2,3',4,4',5-PeCB	118	36.252	1.61	2.0	1.93	96
13C-2,3',4,4',5'-PeCB	123	35.917	1.58	2.0	1.88	94
13C-3,3',4,4',5-PeCB	126	40.578	1.62	2.0	1.93	96
13C-2,2',4,4',6,6'-HxCB	155	30.915	1.29	2.0	1.61	80
13C-HxCB(156/157)	156/157	43.634	1.30	4.0	3.79	95
13C-2,3',4,4',5,5'-HxCB	167	42.478	1.28	2.0	1.87	93
13C-3,3',4,4',5,5'-HxCB	169	46.904	1.28	2.0	1.93	96
13C-2,2',3,4',5,6,6'-HpCB	188	36.772	1.05	2.0	1.35	67
13C-2,3,3',4,4',5,5'-HpCB	189	49.440	1.03	2.0	1.88	94
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.209	0.90	2.0	1.51	75
13C-2,3,3',4,4',5,5',6-OcCB	205	52.027	0.90	2.0	1.76	88
13C-2,2',3,3',4,4',5,5',6-NoCB	206	53.750	0.81	2.0	1.68	84
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	48.945	0.80	2.0	1.62	81
13C-DeCB	209	55.345	0.71	2.0	1.44	72
CleanupStandards						
13C-2,4,4'-TrCB	28	21.990	1.05	2.0	1.73	86
13C-2,3,3',5,5'-PeCB	111	33.916	1.58	2.0	1.59	80
13C-2,2',3,3',5,5',6-HpCB	178	39.874	1.06	2.0	1.40	70
Recovery Standards						
13C-2,5-DiCB	9	14.270	1.58	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	23.935	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.133	1.59	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.404	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.531	0.92	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rannapo Rd Bridge
Lab Sample ID	10682325008
Filename	Y240206A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.120	2.97	0.0667	---	0.0249
2		---	---	ND	---	0.0249
3		---	---	ND	---	0.0249
4		11.972	1.58	0.816	---	0.0249
5		---	---	ND	---	0.0249
6		---	---	ND	---	0.0249
7		---	---	ND	---	0.0249
8		15.240	1.52	0.0340 U	---	0.0249
9		---	---	ND	---	0.0249
10		---	---	ND	---	0.0249
11		---	---	ND	---	0.244
12	12/13	---	---	ND	---	0.0499
13	12/13	---	---	ND	---	0.0499
14		---	---	ND	---	0.0249
15		---	---	ND	---	0.0329
16		---	---	ND	---	0.0249
17		18.140	1.05	0.0709	---	0.0249
18	18/30	17.673	1.06	0.0529	---	0.0499
19		15.564	1.06	0.342	---	0.0249
20	20/28	---	---	ND	---	0.129
21	21/33	---	---	ND	---	0.135
22		---	---	ND	---	0.0947
23		---	---	ND	---	0.0249
24		---	---	ND	---	0.0249
25		21.369	1.16	0.0259	---	0.0249
26	26/29	---	---	ND	---	0.0499
27		18.368	1.10	0.0548	---	0.0249
28	20/28	---	---	ND	---	0.129
29	26/29	---	---	ND	---	0.0499
30	18/30	17.673	1.06	(0.0529)	---	0.0499
31		---	---	ND	---	0.130
32		19.240	1.04	0.0795	---	0.0249
33	21/33	---	---	ND	---	0.135
34		---	---	ND	---	0.0249
35		---	---	ND	---	0.0249
36		---	---	ND	---	0.0249
37		---	---	ND	---	0.0528
38		---	---	ND	---	0.0249
39		---	---	ND	---	0.0249
40	40/41/71	26.098	0.77	0.0805	---	0.0748
41	40/41/71	26.098	0.77	(0.0805)	---	0.0748
42		25.578	0.77	0.0297	---	0.0249
43	43/73	---	---	ND	---	0.0499
44	44/47/65	25.075	0.78	0.605	---	0.0748
45	45/51	22.191	0.78	0.317	---	0.0499
46		---	---	ND	---	0.0249
47	44/47/65	25.075	0.78	(0.605)	---	0.0748
48		---	---	ND	---	0.0249

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rannapo Rd Bridge
Lab Sample ID	10682325008
Filename	Y240206A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	24.488	0.78	0.338	---	0.0499
50	50/53	21.369	0.78	0.254	---	0.0499
51	45/51	22.191	0.78	(0.317)	---	0.0499
52		23.968	0.78	0.274	---	0.129
53	50/53	21.369	0.78	(0.254)	---	0.0499
54		19.022	0.79	0.0849	---	0.0249
55		---	---	ND	---	0.0249
56		---	---	ND	---	0.0249
57		---	---	ND	---	0.0249
58		---	---	ND	---	0.0249
59	59/62/75	---	---	ND	---	0.0748
60		---	---	ND	---	0.0249
61	61/70/74/76	---	---	ND	---	0.0997
62	59/62/75	---	---	ND	---	0.0748
63		---	---	ND	---	0.0249
64		---	---	ND	---	0.0249
65	44/47/65	25.075	0.78	(0.605)	---	0.0748
66		29.355	0.80	0.0597	---	0.0588
67		---	---	ND	---	0.0249
68		---	---	ND	---	0.0249
69	49/69	24.488	0.78	(0.338)	---	0.0499
70	61/70/74/76	---	---	ND	---	0.0997
71	40/41/71	26.098	0.77	(0.0805)	---	0.0748
72		---	---	ND	---	0.0249
73	43/73	---	---	ND	---	0.0499
74	61/70/74/76	---	---	ND	---	0.0997
75	59/62/75	---	---	ND	---	0.0748
76	61/70/74/76	---	---	ND	---	0.0997
77		---	---	ND	---	0.0249
78		---	---	ND	---	0.0249
79		---	---	ND	---	0.0249
80		---	---	ND	---	0.0249
81		---	---	ND	---	0.0249
82		---	---	ND	---	0.0249
83		---	---	ND	---	0.0249
84		29.221	1.56	0.0531	---	0.0249
85	85/116/117	---	---	ND	---	0.0748
86	86/87/97/108/119/125	32.290	1.60	0.194	---	0.150
87	86/87/97/108/119/125	32.290	1.60	(0.194)	---	0.150
88	88/91	29.003	1.57	0.124	---	0.0499
89		---	---	ND	---	0.0249
90	90/101/113	31.166	1.62	0.488	---	0.0748
91	88/91	29.003	1.57	(0.124)	---	0.0499
92		30.563	1.57	0.134	---	0.0249
93	93/98/100/102	28.333	1.57	0.103	---	0.0997
94		---	---	ND	---	0.0249
95		28.081	1.60	0.336 U	---	0.0698
96		---	---	ND	---	0.0249

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rannapo Rd Bridge
Lab Sample ID 10682325008
Filename Y240206A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	32.290	1.60	(0.194)	---	0.150
98	93/98/100/102	28.333	1.57	(0.103)	---	0.0997
99		31.770	1.59	0.216	---	0.0249
100	93/98/100/102	28.333	1.57	(0.103)	---	0.0997
101	90/101/113	31.166	1.62	(0.488)	---	0.0748
102	93/98/100/102	28.333	1.57	(0.103)	---	0.0997
103		27.410	1.59	0.0363	---	0.0249
104		---	---	ND	---	0.0249
105		37.459	1.58	0.0936	---	0.0249
106		---	---	ND	---	0.0249
107	107/124	---	---	ND	---	0.0499
108	86/87/97/108/119/125	32.290	1.60	(0.194)	---	0.150
109		---	---	ND	---	0.0249
110	110/115	33.178	1.63	0.403	---	0.0499
111		---	---	ND	---	0.0249
112		---	---	ND	---	0.0249
113	90/101/113	31.166	1.62	(0.488)	---	0.0748
114		---	---	ND	---	0.0249
115	110/115	33.178	1.63	(0.403)	---	0.0499
116	85/116/117	---	---	ND	---	0.0748
117	85/116/117	---	---	ND	---	0.0748
118		36.285	1.55	0.247	---	0.0389
119	86/87/97/108/119/125	32.290	1.60	(0.194)	---	0.150
120		---	---	ND	---	0.0249
121		---	---	ND	---	0.0249
122		---	---	ND	---	0.0249
123		---	---	ND	---	0.0249
124	107/124	---	---	ND	---	0.0499
125	86/87/97/108/119/125	32.290	1.60	(0.194)	---	0.150
126		---	---	ND	---	0.0249
127		---	---	ND	---	0.0249
128	128/166	40.712	1.21	0.0956	---	0.0499
129	129/138/163	39.438	1.23	1.14	---	0.0748
130		38.784	1.16	0.0573	---	0.0249
131		---	---	ND	---	0.0249
132		36.353	1.25	0.291	---	0.0249
133		36.889	1.30	0.0285	---	0.0249
134	134/143	---	---	ND	---	0.0499
135	135/151	34.134	1.25	0.515	---	0.0499
136		31.636	1.22	0.138	---	0.0249
137		39.002	1.31	0.0273	---	0.0249
138	129/138/163	39.438	1.23	(1.14)	---	0.0748
139	139/140	---	---	ND	---	0.0499
140	139/140	---	---	ND	---	0.0499
141		38.365	1.23	0.211	---	0.0249
142		---	---	ND	---	0.0249
143	134/143	---	---	ND	---	0.0499
144		34.721	1.19	0.0479	---	0.0249

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rannapo Rd Bridge
Lab Sample ID 10682325008
Filename Y240206A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0249
146		37.560	1.22	0.224	---	0.0249
147	147/149	35.078	1.26	1.04	---	0.0499
148		---	---	ND	---	0.0249
149	147/149	35.078	1.26	(1.04)	---	0.0499
150		---	---	ND	---	0.0249
151	135/151	34.134	1.25	(0.515)	---	0.0499
152		---	---	ND	---	0.0249
153	153/168	38.180	1.25	1.17	---	0.0499
154		34.419	1.21	0.0300	---	0.0249
155		---	---	ND	---	0.0249
156	156/157	43.634	1.20	0.0731	---	0.0499
157	156/157	43.634	1.20	(0.0731)	---	0.0499
158		39.840	1.22	0.0791	---	0.0249
159		---	---	ND	---	0.0249
160		---	---	ND	---	0.0249
161		---	---	ND	---	0.0249
162		---	---	ND	---	0.0249
163	129/138/163	39.438	1.23	(1.14)	---	0.0748
164		39.119	1.24	0.0753	---	0.0249
165		---	---	ND	---	0.0249
166	128/166	40.712	1.21	(0.0956)	---	0.0499
167		42.494	1.19	0.0387	---	0.0249
168	153/168	38.180	1.25	(1.17)	---	0.0499
169		---	---	ND	---	0.0249
170		46.300	1.01	0.374	---	0.0249
171	171/173	42.746	1.04	0.122	---	0.0499
172		44.389	1.05	0.0787	---	0.0249
173	171/173	42.746	1.04	(0.122)	---	0.0499
174		41.656	1.00	0.444	---	0.0249
175		---	---	ND	---	0.0249
176		38.029	1.04	0.0537	---	0.0249
177		42.109	1.00	0.272	---	0.0249
178		39.890	1.02	0.108	---	0.0249
179		37.107	1.04	0.203	---	0.0249
180	180/193	45.060	1.04	0.896	---	0.0499
181		---	---	ND	---	0.0249
182		---	---	ND	---	0.0249
183	183/185	41.438	1.11	0.278	---	0.0499
184		---	---	ND	---	0.0249
185	183/185	41.438	1.11	(0.278)	---	0.0499
186		---	---	ND	---	0.0249
187		40.813	1.05	0.549	---	0.0249
188		---	---	ND	---	0.0249
189		---	---	ND	---	0.0249
190		46.854	1.05	0.0860	---	0.0249
191		---	---	ND	---	0.0249
192		---	---	ND	---	0.0249

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rannapo Rd Bridge
Lab Sample ID	10682325008
Filename	Y240206A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.060	1.04	(0.896)	---	0.0499
194		51.552	0.92	0.194	---	0.0249
195		49.225	0.88	0.0859	---	0.0249
196		47.692	0.91	0.0978	---	0.0249
197	197/200	---	---	ND	---	0.0499
198	198/199	47.021	0.93	0.220	---	0.0499
199	198/199	47.021	0.93	(0.220)	---	0.0499
200	197/200	---	---	ND	---	0.0499
201		43.165	0.94	0.0255	---	0.0249
202		42.226	0.92	0.0409	---	0.0249
203		47.876	0.90	0.131	---	0.0249
204		---	---	ND	---	0.0249
205		---	---	ND	---	0.0249
206		53.772	0.80	0.0504	---	0.0249
207		---	---	ND	---	0.0249
208		---	---	ND	---	0.0249
209		---	---	ND	---	0.0249

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rannapo Rd Bridge
Lab Sample ID	10682325008
Filename	Y240206A_05

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0667
Total Dichloro Biphenyls	0.850
Total Trichloro Biphenyls	0.626
Total Tetrachloro Biphenyls	2.04
Total Pentachloro Biphenyls	2.43
Total Hexachloro Biphenyls	5.28
Total Heptachloro Biphenyls	3.47
Total Octachloro Biphenyls	0.794
Total Nonachloro Biphenyls	0.0504
DecachloroBiphenyls	ND
Total PCBs	15.6

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rising Pond Dam		
Lab Sample ID	10682325009		
Filename	Y240206A_06		
Injected By	AH5		
Total Amount Extracted	1530 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	01/24/2024 14:30
ICAL ID	Y240206A02	Received	01/26/2024 08:50
CCal Filename(s)	Y240206A_01	Extracted	01/31/2024 14:25
Method Blank ID	BLANK-110744	Analyzed	02/06/2024 06:25

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.108	3.09	2.0	0.821	41
13C-4-MoCB	3	11.672	3.09	2.0	1.04	52
13C-2,2'-DiCB	4	11.947	1.60	2.0	0.819	41
13C-4,4'-DiCB	15	18.678	1.57	2.0	1.28	64
13C-2,2',6-TrCB	19	15.539	1.05	2.0	0.985	49
13C-3,4,4'-TrCB	37	26.247	1.06	2.0	1.53	77
13C-2,2',6,6'-TeCB	54	18.987	0.79	2.0	1.12	56
13C-3,4,4',5-TeCB	81	33.294	0.79	2.0	1.76	88
13C-3,3',4,4'-TeCB	77	33.864	0.79	2.0	1.79	89
13C-2,2',4,6,6'-PeCB	104	24.940	1.61	2.0	1.20	60
13C-2,3,3',4,4'-PeCB	105	37.424	1.60	2.0	1.67	84
13C-2,3,4,4',5-PeCB	114	36.787	1.57	2.0	1.64	82
13C-2,3',4,4',5-PeCB	118	36.250	1.61	2.0	1.63	82
13C-2,3',4,4',5'-PeCB	123	35.915	1.59	2.0	1.60	80
13C-3,3',4,4',5-PeCB	126	40.576	1.61	2.0	1.67	84
13C-2,2',4,4',6,6'-HxCB	155	30.914	1.30	2.0	1.27	63
13C-HxCB(156/157)	156/157	43.633	1.28	4.0	3.24	81
13C-2,3',4,4',5,5'-HxCB	167	42.476	1.30	2.0	1.59	79
13C-3,3',4,4',5,5'-HxCB	169	46.903	1.26	2.0	1.64	82
13C-2,2',3,4',5,6,6'-HpCB	188	36.770	1.07	2.0	1.14	57
13C-2,3,3',4,4',5,5'-HpCB	189	49.439	1.05	2.0	1.62	81
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.208	0.89	2.0	1.29	65
13C-2,3,3',4,4',5,5',6-OcCB	205	52.004	0.89	2.0	1.51	76
13C-2,2',3,3',4,4',5,5',6-NoCB	206	53.728	0.79	2.0	1.43	72
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	48.922	0.79	2.0	1.39	69
13C-DeCB	209	55.323	0.71	2.0	1.24	62
CleanupStandards						
13C-2,4,4'-TrCB	28	21.989	1.04	2.0	1.44	72
13C-2,3,3',5,5'-PeCB	111	33.915	1.58	2.0	1.34	67
13C-2,2',3,3',5,5',6-HpCB	178	39.855	1.08	2.0	1.17	59
Recovery Standards						
13C-2,5-DiCB	9	14.257	1.55	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	23.934	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.132	1.61	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.403	1.28	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.530	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10682325009
Filename	Y240206A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.120	3.07	0.127	---	0.0262
2		---	---	ND	---	0.0262
3		---	---	ND	---	0.0262
4		11.959	1.56	1.66	---	0.0262
5		---	---	ND	---	0.0262
6		14.737	1.52	0.0421	---	0.0262
7		---	---	ND	---	0.0262
8		15.228	1.62	0.0591 U	---	0.0262
9		---	---	ND	---	0.0262
10		12.175	1.41	0.0454	---	0.0262
11		---	---	ND	---	0.257
12	12/13	---	---	ND	---	0.0524
13	12/13	---	---	ND	---	0.0524
14		---	---	ND	---	0.0262
15		18.702	1.51	0.0483	---	0.0346
16		---	---	ND	---	0.0262
17		18.139	1.04	0.134	---	0.0262
18	18/30	17.672	1.07	0.0943	---	0.0524
19		15.563	1.06	0.709	---	0.0262
20	20/28	---	---	ND	---	0.135
21	21/33	---	---	ND	---	0.141
22		---	---	ND	---	0.0995
23		---	---	ND	---	0.0262
24		---	---	ND	---	0.0262
25		21.368	1.02	0.0475	---	0.0262
26	26/29	21.100	1.14	0.0681	---	0.0524
27		18.367	1.04	0.106	---	0.0262
28	20/28	---	---	ND	---	0.135
29	26/29	21.100	1.14	(0.0681)	---	0.0524
30	18/30	17.672	1.07	(0.0943)	---	0.0524
31		---	---	ND	---	0.136
32		19.222	1.08	0.150	---	0.0262
33	21/33	---	---	ND	---	0.141
34		---	---	ND	---	0.0262
35		---	---	ND	---	0.0262
36		---	---	ND	---	0.0262
37		---	---	ND	---	0.0555
38		---	---	ND	---	0.0262
39		---	---	ND	---	0.0262
40	40/41/71	26.097	0.77	0.133	---	0.0786
41	40/41/71	26.097	0.77	(0.133)	---	0.0786
42		25.577	0.72	0.0450	---	0.0262
43	43/73	---	---	ND	---	0.0524
44	44/47/65	25.074	0.77	1.00	---	0.0786
45	45/51	22.190	0.75	0.587	---	0.0524
46		22.408	0.78	0.0323	---	0.0262
47	44/47/65	25.074	0.77	(1.00)	---	0.0786
48		---	---	ND	---	0.0262

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10682325009
Filename	Y240206A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	24.487	0.78	0.575	---	0.0524
50	50/53	21.368	0.78	0.452	---	0.0524
51	45/51	22.190	0.75	(0.587)	---	0.0524
52		23.967	0.77	0.435	---	0.135
53	50/53	21.368	0.78	(0.452)	---	0.0524
54		19.004	0.80	0.174	---	0.0262
55		---	---	ND	---	0.0262
56		---	---	ND	---	0.0262
57		---	---	ND	---	0.0262
58		---	---	ND	---	0.0262
59	59/62/75	---	---	ND	---	0.0786
60		---	---	ND	---	0.0262
61	61/70/74/76	---	---	ND	---	0.105
62	59/62/75	---	---	ND	---	0.0786
63		---	---	ND	---	0.0262
64		---	---	ND	---	0.0262
65	44/47/65	25.074	0.77	(1.00)	---	0.0786
66		29.371	0.81	0.0717	---	0.0618
67		---	---	ND	---	0.0262
68		---	---	ND	---	0.0262
69	49/69	24.487	0.78	(0.575)	---	0.0524
70	61/70/74/76	---	---	ND	---	0.105
71	40/41/71	26.097	0.77	(0.133)	---	0.0786
72		---	---	ND	---	0.0262
73	43/73	---	---	ND	---	0.0524
74	61/70/74/76	---	---	ND	---	0.105
75	59/62/75	---	---	ND	---	0.0786
76	61/70/74/76	---	---	ND	---	0.105
77		---	---	ND	---	0.0262
78		---	---	ND	---	0.0262
79		---	---	ND	---	0.0262
80		---	---	ND	---	0.0262
81		---	---	ND	---	0.0262
82		---	---	ND	---	0.0262
83		---	---	ND	---	0.0262
84		29.203	1.52	0.0637	---	0.0262
85	85/116/117	---	---	ND	---	0.0786
86	86/87/97/108/119/125	32.272	1.56	0.202	---	0.157
87	86/87/97/108/119/125	32.272	1.56	(0.202)	---	0.157
88	88/91	28.985	1.53	0.178	---	0.0524
89		---	---	ND	---	0.0262
90	90/101/113	31.165	1.60	0.621	---	0.0786
91	88/91	28.985	1.53	(0.178)	---	0.0524
92		30.562	1.55	0.174	---	0.0262
93	93/98/100/102	28.348	1.52	0.162	---	0.105
94		27.627	1.61	0.0389	---	0.0262
95		28.080	1.61	0.459	---	0.0733
96		---	---	ND	---	0.0262

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10682325009
Filename	Y240206A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	32.272	1.56	(0.202)	---	0.157
98	93/98/100/102	28.348	1.52	(0.162)	---	0.105
99		31.769	1.63	0.264	---	0.0262
100	93/98/100/102	28.348	1.52	(0.162)	---	0.105
101	90/101/113	31.165	1.60	(0.621)	---	0.0786
102	93/98/100/102	28.348	1.52	(0.162)	---	0.105
103		27.409	1.65	0.0535	---	0.0262
104		---	---	ND	---	0.0262
105		37.458	1.65	0.0478	---	0.0262
106		---	---	ND	---	0.0262
107	107/124	---	---	ND	---	0.0524
108	86/87/97/108/119/125	32.272	1.56	(0.202)	---	0.157
109		---	---	ND	---	0.0262
110	110/115	33.177	1.56	0.421	---	0.0524
111		---	---	ND	---	0.0262
112		---	---	ND	---	0.0262
113	90/101/113	31.165	1.60	(0.621)	---	0.0786
114		---	---	ND	---	0.0262
115	110/115	33.177	1.56	(0.421)	---	0.0524
116	85/116/117	---	---	ND	---	0.0786
117	85/116/117	---	---	ND	---	0.0786
118		36.267	1.59	0.186 U	---	0.0408
119	86/87/97/108/119/125	32.272	1.56	(0.202)	---	0.157
120		---	---	ND	---	0.0262
121		---	---	ND	---	0.0262
122		---	---	ND	---	0.0262
123		---	---	ND	---	0.0262
124	107/124	---	---	ND	---	0.0524
125	86/87/97/108/119/125	32.272	1.56	(0.202)	---	0.157
126		---	---	ND	---	0.0262
127		---	---	ND	---	0.0262
128	128/166	40.710	1.25	0.0751	---	0.0524
129	129/138/163	39.436	1.26	1.19	---	0.0786
130		38.766	1.31	0.0557	---	0.0262
131		---	---	ND	---	0.0262
132		36.351	1.22	0.311	---	0.0262
133		36.888	1.12	0.0303	---	0.0262
134	134/143	---	---	ND	---	0.0524
135	135/151	34.116	1.24	0.638	---	0.0524
136		31.635	1.20	0.180	---	0.0262
137		---	---	ND	---	0.0262
138	129/138/163	39.436	1.26	(1.19)	---	0.0786
139	139/140	---	---	ND	---	0.0524
140	139/140	---	---	ND	---	0.0524
141		38.363	1.21	0.254	---	0.0262
142		---	---	ND	---	0.0262
143	134/143	---	---	ND	---	0.0524
144		34.720	1.22	0.0617	---	0.0262

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10682325009
Filename	Y240206A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0262
146		37.558	1.21	0.249 J	---	0.0262
147	147/149	35.077	1.25	1.26	---	0.0524
148		---	---	ND	---	0.0262
149	147/149	35.077	1.25	(1.26)	---	0.0524
150		---	---	ND	---	0.0262
151	135/151	34.116	1.24	(0.638)	---	0.0524
152		---	---	ND	---	0.0262
153	153/168	38.179	1.25	1.30	---	0.0524
154		34.418	1.21	0.0389	---	0.0262
155		---	---	ND	---	0.0262
156	156/157	43.617	1.27	0.0587	---	0.0524
157	156/157	43.617	1.27	(0.0587)	---	0.0524
158		39.839	1.23	0.0802	---	0.0262
159		---	---	ND	---	0.0262
160		---	---	ND	---	0.0262
161		---	---	ND	---	0.0262
162		---	---	ND	---	0.0262
163	129/138/163	39.436	1.26	(1.19)	---	0.0786
164		39.118	1.28	0.0793	---	0.0262
165		---	---	ND	---	0.0262
166	128/166	40.710	1.25	(0.0751)	---	0.0524
167		42.510	1.26	0.0363	---	0.0262
168	153/168	38.179	1.25	(1.30)	---	0.0524
169		---	---	ND	---	0.0262
170		46.299	1.06	0.401	---	0.0262
171	171/173	42.745	1.03	0.129	---	0.0524
172		44.388	1.07	0.0818	---	0.0262
173	171/173	42.745	1.03	(0.129)	---	0.0524
174		41.655	1.01	0.506	---	0.0262
175		---	---	ND	---	0.0262
176		38.011	1.11	0.0633	---	0.0262
177		42.107	1.06	0.300	---	0.0262
178		39.889	1.06	0.123	---	0.0262
179		37.122	1.02	0.237	---	0.0262
180	180/193	45.042	1.03	0.999	---	0.0524
181		---	---	ND	---	0.0262
182		---	---	ND	---	0.0262
183	183/185	41.437	1.02	0.324	---	0.0524
184		---	---	ND	---	0.0262
185	183/185	41.437	1.02	(0.324)	---	0.0524
186		---	---	ND	---	0.0262
187		40.811	1.05	0.631	---	0.0262
188		---	---	ND	---	0.0262
189		---	---	ND	---	0.0262
190		46.852	1.03	0.0930	---	0.0262
191		---	---	ND	---	0.0262
192		---	---	ND	---	0.0262

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10682325009
Filename	Y240206A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.042	1.03	(0.999)	---	0.0524
194		51.551	0.92	0.213	---	0.0262
195		49.202	0.88	0.0954	---	0.0262
196		47.674	0.89	0.112	---	0.0262
197	197/200	---	---	ND	---	0.0524
198	198/199	47.020	0.93	0.243	---	0.0524
199	198/199	47.020	0.93	(0.243)	---	0.0524
200	197/200	---	---	ND	---	0.0524
201		43.164	0.89	0.0298	---	0.0262
202		42.208	0.93	0.0484	---	0.0262
203		47.875	0.89	0.142	---	0.0262
204		---	---	ND	---	0.0262
205		---	---	ND	---	0.0262
206		53.771	0.78	0.0547	---	0.0262
207		---	---	ND	---	0.0262
208		---	---	ND	---	0.0262
209		---	---	ND	---	0.0262

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10682325009
Filename	Y240206A_06

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.127
Total Dichloro Biphenyls	1.86
Total Trichloro Biphenyls	1.31
Total Tetrachloro Biphenyls	3.51
Total Pentachloro Biphenyls	2.87
Total Hexachloro Biphenyls	5.90
Total Heptachloro Biphenyls	3.89
Total Octachloro Biphenyls	0.883
Total Nonachloro Biphenyls	0.0547
DecachloroBiphenyls	ND
Total PCBs	20.4

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Old Pleasant Street Bridge		
Lab Sample ID	10682325010		
Filename	Y240206A_07		
Injected By	AH5		
Total Amount Extracted	1700 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	01/24/2024 16:30
ICAL ID	Y240206A02	Received	01/26/2024 08:50
CCal Filename(s)	Y240206A_01	Extracted	01/31/2024 14:25
Method Blank ID	BLANK-110744	Analyzed	02/06/2024 07:24

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.096	3.11	2.0	0.908	45
13C-4-MoCB	3	11.660	3.20	2.0	1.14	57
13C-2,2'-DiCB	4	11.936	1.59	2.0	0.903	45
13C-4,4'-DiCB	15	18.679	1.57	2.0	1.45	73
13C-2,2',6-TrCB	19	15.540	1.06	2.0	1.12	56
13C-3,4,4'-TrCB	37	26.250	1.07	2.0	1.72	86
13C-2,2',6,6'-TeCB	54	18.988	0.80	2.0	1.27	64
13C-3,4,4',5-TeCB	81	33.298	0.79	2.0	1.87	93
13C-3,3',4,4'-TeCB	77	33.868	0.78	2.0	1.89	95
13C-2,2',4,6,6'-PeCB	104	24.958	1.61	2.0	1.37	69
13C-2,3,3',4,4'-PeCB	105	37.445	1.63	2.0	1.80	90
13C-2,3,4,4',5-PeCB	114	36.791	1.62	2.0	1.74	87
13C-2,3',4,4',5-PeCB	118	36.254	1.63	2.0	1.77	89
13C-2,3',4,4',5'-PeCB	123	35.919	1.59	2.0	1.73	87
13C-3,3',4,4',5-PeCB	126	40.581	1.59	2.0	1.76	88
13C-2,2',4,4',6,6'-HxCB	155	30.933	1.30	2.0	1.44	72
13C-HxCB(156/157)	156/157	43.638	1.28	4.0	3.48	87
13C-2,3',4,4',5,5'-HxCB	167	42.481	1.27	2.0	1.71	86
13C-3,3',4,4',5,5'-HxCB	169	46.908	1.26	2.0	1.76	88
13C-2,2',3,4',5,6,6'-HpCB	188	36.774	1.06	2.0	1.22	61
13C-2,3,3',4,4',5,5'-HpCB	189	49.449	1.06	2.0	1.71	85
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.212	0.90	2.0	1.36	68
13C-2,3,3',4,4',5,5',6-OcCB	205	52.014	0.89	2.0	1.60	80
13C-2,2',3,3',4,4',5,5',6-NoCB	206	53.760	0.81	2.0	1.46	73
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	48.932	0.79	2.0	1.45	73
13C-DeCB	209	55.355	0.71	2.0	1.27	63
CleanupStandards						
13C-2,4,4'-TrCB	28	21.990	1.06	2.0	1.60	80
13C-2,3,3',5,5'-PeCB	111	33.918	1.58	2.0	1.47	73
13C-2,2',3,3',5,5',6-HpCB	178	39.876	1.06	2.0	1.27	64
Recovery Standards						
13C-2,5-DiCB	9	14.258	1.56	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	23.952	0.80	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.151	1.60	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.407	1.30	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.540	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Old Pleasant Street Bridge
Lab Sample ID	10682325010
Filename	Y240206A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.108	3.08	0.187	---	0.0235
2		---	---	ND	---	0.0235
3		---	---	ND	---	0.0235
4		11.960	1.56	2.57	---	0.0235
5		---	---	ND	---	0.0235
6		14.738	1.65	0.0667	---	0.0235
7		---	---	ND	---	0.0235
8		15.241	1.51	0.0881 U	---	0.0235
9		---	---	ND	---	0.0235
10		12.164	1.41	0.0647	---	0.0235
11		---	---	ND	---	0.230
12	12/13	---	---	ND	---	0.0470
13	12/13	---	---	ND	---	0.0470
14		---	---	ND	---	0.0235
15		18.715	1.51	0.0711	---	0.0310
16		18.619	1.02	0.0273	---	0.0235
17		18.140	1.06	0.210	---	0.0235
18	18/30	17.673	1.03	0.143	---	0.0470
19		15.552	1.05	1.08	---	0.0235
20	20/28	---	---	ND	---	0.121
21	21/33	---	---	ND	---	0.127
22		---	---	ND	---	0.0893
23		---	---	ND	---	0.0235
24		---	---	ND	---	0.0235
25		21.370	1.03	0.0689	---	0.0235
26	26/29	21.101	1.04	0.103	---	0.0470
27		18.368	1.06	0.167	---	0.0235
28	20/28	---	---	ND	---	0.121
29	26/29	21.101	1.04	(0.103)	---	0.0470
30	18/30	17.673	1.03	(0.143)	---	0.0470
31		---	---	ND	---	0.122
32		19.223	1.08	0.223	---	0.0235
33	21/33	---	---	ND	---	0.127
34		---	---	ND	---	0.0235
35		---	---	ND	---	0.0235
36		---	---	ND	---	0.0235
37		---	---	ND	---	0.0498
38		---	---	ND	---	0.0235
39		---	---	ND	---	0.0235
40	40/41/71	26.099	0.78	0.193	---	0.0705
41	40/41/71	26.099	0.78	(0.193)	---	0.0705
42		25.579	0.81	0.0708	---	0.0235
43	43/73	24.120	0.77	0.0478	---	0.0470
44	44/47/65	25.093	0.78	1.52	---	0.0705
45	45/51	22.191	0.76	0.948	---	0.0470
46		22.426	0.67	0.0461	---	0.0235
47	44/47/65	25.093	0.78	(1.52)	---	0.0705
48		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Old Pleasant Street Bridge
Lab Sample ID	10682325010
Filename	Y240206A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	24.489	0.79	0.883	---	0.0470
50	50/53	21.370	0.76	0.708	---	0.0470
51	45/51	22.191	0.76	(0.948)	---	0.0470
52		23.969	0.78	0.677	---	0.121
53	50/53	21.370	0.76	(0.708)	---	0.0470
54		19.022	0.79	0.258	---	0.0235
55		---	---	ND	---	0.0235
56		---	---	ND	---	0.0235
57		---	---	ND	---	0.0235
58		---	---	ND	---	0.0235
59	59/62/75	---	---	ND	---	0.0705
60		---	---	ND	---	0.0235
61	61/70/74/76	29.005	0.79	0.120	---	0.0939
62	59/62/75	---	---	ND	---	0.0705
63		---	---	ND	---	0.0235
64		26.333	0.81	0.0377	---	0.0235
65	44/47/65	25.093	0.78	(1.52)	---	0.0705
66		29.357	0.77	0.110	---	0.0554
67		---	---	ND	---	0.0235
68		27.546	0.79	0.0236	---	0.0235
69	49/69	24.489	0.79	(0.883)	---	0.0470
70	61/70/74/76	29.005	0.79	(0.120)	---	0.0939
71	40/41/71	26.099	0.78	(0.193)	---	0.0705
72		---	---	ND	---	0.0235
73	43/73	24.120	0.77	(0.0478)	---	0.0470
74	61/70/74/76	29.005	0.79	(0.120)	---	0.0939
75	59/62/75	---	---	ND	---	0.0705
76	61/70/74/76	29.005	0.79	(0.120)	---	0.0939
77		---	---	ND	---	0.0235
78		---	---	ND	---	0.0235
79		---	---	ND	---	0.0235
80		---	---	ND	---	0.0235
81		---	---	ND	---	0.0235
82		33.499	1.59	0.0279	---	0.0235
83		31.621	1.73	0.0272	---	0.0235
84		29.206	1.64	0.102	---	0.0235
85	85/116/117	33.029	1.55	0.0871	---	0.0705
86	86/87/97/108/119/125	32.292	1.56	0.319	---	0.141
87	86/87/97/108/119/125	32.292	1.56	(0.319)	---	0.141
88	88/91	29.005	1.59	0.289	---	0.0470
89		---	---	ND	---	0.0235
90	90/101/113	31.168	1.59	0.987	---	0.0705
91	88/91	29.005	1.59	(0.289)	---	0.0470
92		30.564	1.57	0.258	---	0.0235
93	93/98/100/102	28.351	1.55	0.267	---	0.0939
94		27.630	1.57	0.0616	---	0.0235
95		28.099	1.59	0.737	---	0.0658
96		25.344	1.51	0.0316	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Old Pleasant Street Bridge
Lab Sample ID: 10682325010
Filename: Y240206A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	32.292	1.56	(0.319)	---	0.141
98	93/98/100/102	28.351	1.55	(0.267)	---	0.0939
99		31.788	1.60	0.410	---	0.0235
100	93/98/100/102	28.351	1.55	(0.267)	---	0.0939
101	90/101/113	31.168	1.59	(0.987)	---	0.0705
102	93/98/100/102	28.351	1.55	(0.267)	---	0.0939
103		27.429	1.56	0.0907	---	0.0235
104		24.975	1.59	0.0255	---	0.0235
105		37.478	1.64	0.0747	---	0.0235
106		---	---	ND	---	0.0235
107	107/124	---	---	ND	---	0.0470
108	86/87/97/108/119/125	32.292	1.56	(0.319)	---	0.141
109		35.818	1.52	0.0291	---	0.0235
110	110/115	33.197	1.60	0.663	---	0.0470
111		---	---	ND	---	0.0235
112		---	---	ND	---	0.0235
113	90/101/113	31.168	1.59	(0.987)	---	0.0705
114		---	---	ND	---	0.0235
115	110/115	33.197	1.60	(0.663)	---	0.0470
116	85/116/117	33.029	1.55	(0.0871)	---	0.0705
117	85/116/117	33.029	1.55	(0.0871)	---	0.0705
118		36.287	1.57	0.300	---	0.0366
119	86/87/97/108/119/125	32.292	1.56	(0.319)	---	0.141
120		---	---	ND	---	0.0235
121		---	---	ND	---	0.0235
122		---	---	ND	---	0.0235
123		---	---	ND	---	0.0235
124	107/124	---	---	ND	---	0.0470
125	86/87/97/108/119/125	32.292	1.56	(0.319)	---	0.141
126		---	---	ND	---	0.0235
127		---	---	ND	---	0.0235
128	128/166	40.715	1.26	0.129	---	0.0470
129	129/138/163	39.440	1.24	1.88	---	0.0705
130		38.786	1.18	0.0899	---	0.0235
131		---	---	ND	---	0.0235
132		36.355	1.24	0.507	---	0.0235
133		36.908	1.23	0.0456	---	0.0235
134	134/143	35.282	1.36	0.0948	---	0.0470
135	135/151	34.136	1.25	1.02	---	0.0470
136		31.637	1.25	0.295	---	0.0235
137		39.021	1.17	0.0463	---	0.0235
138	129/138/163	39.440	1.24	(1.88)	---	0.0705
139	139/140	---	---	ND	---	0.0470
140	139/140	---	---	ND	---	0.0470
141		38.367	1.27	0.408	---	0.0235
142		---	---	ND	---	0.0235
143	134/143	35.282	1.36	(0.0948)	---	0.0470
144		34.723	1.23	0.102	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Old Pleasant Street Bridge
Lab Sample ID: 10682325010
Filename: Y240206A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0235
146		37.562	1.24	0.374	---	0.0235
147	147/149	35.097	1.26	2.06	---	0.0470
148		---	---	ND	---	0.0235
149	147/149	35.097	1.26	(2.06)	---	0.0470
150		---	---	ND	---	0.0235
151	135/151	34.136	1.25	(1.02)	---	0.0470
152		---	---	ND	---	0.0235
153	153/168	38.199	1.26	2.07	---	0.0470
154		34.421	1.25	0.0636	---	0.0235
155		---	---	ND	---	0.0235
156	156/157	43.638	1.26	0.0999	---	0.0470
157	156/157	43.638	1.26	(0.0999)	---	0.0470
158		39.843	1.27	0.133	---	0.0235
159		---	---	ND	---	0.0235
160		---	---	ND	---	0.0235
161		---	---	ND	---	0.0235
162		---	---	ND	---	0.0235
163	129/138/163	39.440	1.24	(1.88)	---	0.0705
164		39.121	1.20	0.117	---	0.0235
165		---	---	ND	---	0.0235
166	128/166	40.715	1.26	(0.129)	---	0.0470
167		42.497	1.22	0.0574	---	0.0235
168	153/168	38.199	1.26	(2.07)	---	0.0470
169		---	---	ND	---	0.0235
170		46.321	1.04	0.685	---	0.0235
171	171/173	42.749	1.03	0.223	---	0.0470
172		44.392	1.03	0.143	---	0.0235
173	171/173	42.749	1.03	(0.223)	---	0.0470
174		41.659	1.01	0.843	---	0.0235
175		40.547	1.04	0.0326	---	0.0235
176		38.032	1.02	0.108	---	0.0235
177		42.112	1.04	0.506	---	0.0235
178		39.893	1.05	0.202	---	0.0235
179		37.126	1.03	0.394	---	0.0235
180	180/193	45.063	1.02	1.73	---	0.0470
181		---	---	ND	---	0.0235
182		---	---	ND	---	0.0235
183	183/185	41.441	1.03	0.565	---	0.0470
184		---	---	ND	---	0.0235
185	183/185	41.441	1.03	(0.565)	---	0.0470
186		---	---	ND	---	0.0235
187		40.815	1.04	1.05	---	0.0235
188		---	---	ND	---	0.0235
189		49.471	1.05	0.0293	---	0.0235
190		46.857	1.04	0.158	---	0.0235
191		45.432	1.00	0.0289	---	0.0235
192		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Old Pleasant Street Bridge
Lab Sample ID	10682325010
Filename	Y240206A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.063	1.02	(1.73)	---	0.0470
194		51.562	0.88	0.351	---	0.0235
195		49.212	0.91	0.161	---	0.0235
196		47.679	0.94	0.190	---	0.0235
197	197/200	44.191	0.91	0.0664	---	0.0470
198	198/199	47.025	0.89	0.405	---	0.0470
199	198/199	47.025	0.89	(0.405)	---	0.0470
200	197/200	44.191	0.91	(0.0664)	---	0.0470
201		43.185	0.96	0.0507	---	0.0235
202		42.229	0.93	0.0800	---	0.0235
203		47.897	0.90	0.235	---	0.0235
204		---	---	ND	---	0.0235
205		---	---	ND	---	0.0235
206		53.782	0.83	0.0908	---	0.0235
207		---	---	ND	---	0.0235
208		---	---	ND	---	0.0235
209		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Old Pleasant Street Bridge
Lab Sample ID	10682325010
Filename	Y240206A_07

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.187
Total Dichloro Biphenyls	2.87
Total Trichloro Biphenyls	2.02
Total Tetrachloro Biphenyls	5.65
Total Pentachloro Biphenyls	4.79
Total Hexachloro Biphenyls	9.60
Total Heptachloro Biphenyls	6.69
Total Octachloro Biphenyls	1.54
Total Nonachloro Biphenyls	0.0908
DecachloroBiphenyls	ND
Total PCBs	33.4

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	HR-D1		
Lab Sample ID	10682325011		
Filename	Y240212A_08		
Injected By	CVS		
Total Amount Extracted	2020 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	01/24/2024
ICAL ID	Y240212A02	Received	01/26/2024 08:50
CCal Filename(s)	Y240212A_01	Extracted	02/06/2024 13:45
Method Blank ID	BLANK-110903	Analyzed	02/12/2024 18:08

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.132	2.99	2.0	0.670	34
13C-4-MoCB	3	11.696	2.99	2.0	0.927	46
13C-2,2'-DiCB	4	11.972	1.58	2.0	0.913	46
13C-4,4'-DiCB	15	18.703	1.53	2.0	1.37	68
13C-2,2',6-TrCB	19	15.564	1.03	2.0	1.21	61
13C-3,4,4'-TrCB	37	26.266	1.08	2.0	1.45	73
13C-2,2',6,6'-TeCB	54	19.006	0.80	2.0	1.19	59
13C-3,4,4',5-TeCB	81	33.314	0.78	2.0	1.69	84
13C-3,3',4,4'-TeCB	77	33.884	0.78	2.0	1.70	85
13C-2,2',4,6,6'-PeCB	104	24.958	1.61	2.0	1.52	76
13C-2,3,3',4,4'-PeCB	105	37.444	1.54	2.0	1.64	82
13C-2,3,4,4',5-PeCB	114	36.807	1.62	2.0	1.62	81
13C-2,3',4,4',5-PeCB	118	36.270	1.56	2.0	1.62	81
13C-2,3',4,4',5'-PeCB	123	35.935	1.58	2.0	1.60	80
13C-3,3',4,4',5-PeCB	126	40.597	1.58	2.0	1.63	82
13C-2,2',4,4',6,6'-HxCB	155	30.933	1.31	2.0	1.64	82
13C-HxCB(156/157)	156/157	43.670	1.28	4.0	3.14	78
13C-2,3',4,4',5,5'-HxCB	167	42.496	1.27	2.0	1.58	79
13C-3,3',4,4',5,5'-HxCB	169	46.940	1.26	2.0	1.49	75
13C-2,2',3,4',5,6,6'-HpCB	188	36.790	1.06	2.0	1.90	95
13C-2,3,3',4,4',5,5'-HpCB	189	49.470	1.06	2.0	1.73	87
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.211	0.88	2.0	2.10	105
13C-2,3,3',4,4',5,5',6-OcCB	205	52.056	0.91	2.0	1.74	87
13C-2,2',3,3',4,4',5,5',6-NoCB	206	53.780	0.81	2.0	1.76	88
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	48.952	0.80	2.0	2.09	104
13C-DeCB	209	55.375	0.70	2.0	1.51	76
CleanupStandards						
13C-2,4,4'-TrCB	28	22.007	1.06	2.0	1.37	69
13C-2,3,3',5,5'-PeCB	111	33.934	1.57	2.0	1.64	82
13C-2,2',3,3',5,5',6-HpCB	178	39.876	1.05	2.0	1.63	81
Recovery Standards						
13C-2,5-DiCB	9	14.294	1.57	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	23.952	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.150	1.60	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.423	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.560	0.89	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-D1
Lab Sample ID	10682325011
Filename	Y240212A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.156	2.93	0.109	---	0.0198
2		---	---	ND	---	0.0198
3		---	---	ND	---	0.0198
4		11.995	1.56	1.62	---	0.0198
5		---	---	ND	---	0.0198
6		14.773	1.51	0.0380	---	0.0198
7		---	---	ND	---	0.0198
8		15.264	1.56	0.0547 U	---	0.0198
9		---	---	ND	---	0.0198
10		12.211	1.60	0.0441	---	0.0198
11		---	---	ND	---	0.194
12	12/13	---	---	ND	---	0.0396
13	12/13	---	---	ND	---	0.0396
14		---	---	ND	---	0.0198
15		18.727	1.44	0.0427	---	0.0261
16		18.643	1.08	0.0199	---	0.0198
17		18.164	1.02	0.130	---	0.0198
18	18/30	17.697	1.06	0.0912	---	0.0396
19		15.588	1.07	0.705	---	0.0198
20	20/28	---	---	ND	---	0.102
21	21/33	---	---	ND	---	0.107
22		---	---	ND	---	0.0752
23		---	---	ND	---	0.0198
24		---	---	ND	---	0.0198
25		21.386	1.08	0.0456	---	0.0198
26	26/29	21.118	1.05	0.0664	---	0.0396
27		18.392	1.03	0.112	---	0.0198
28	20/28	---	---	ND	---	0.102
29	26/29	21.118	1.05	(0.0664)	---	0.0396
30	18/30	17.697	1.06	(0.0912)	---	0.0396
31		---	---	ND	---	0.103
32		19.240	1.08	0.143	---	0.0198
33	21/33	---	---	ND	---	0.107
34		---	---	ND	---	0.0198
35		---	---	ND	---	0.0198
36		---	---	ND	---	0.0198
37		---	---	ND	---	0.0420
38		---	---	ND	---	0.0198
39		---	---	ND	---	0.0198
40	40/41/71	26.098	0.77	0.127	---	0.0594
41	40/41/71	26.098	0.77	(0.127)	---	0.0594
42		25.595	0.76	0.0447	---	0.0198
43	43/73	---	---	ND	---	0.0396
44	44/47/65	25.092	0.78	0.955	---	0.0594
45	45/51	22.208	0.74	0.563	---	0.0396
46		22.443	0.81	0.0328	---	0.0198
47	44/47/65	25.092	0.78	(0.955)	---	0.0594
48		---	---	ND	---	0.0198

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-D1
Lab Sample ID	10682325011
Filename	Y240212A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	24.505	0.75	0.557	---	0.0396
50	50/53	21.386	0.78	0.437	---	0.0396
51	45/51	22.208	0.74	(0.563)	---	0.0396
52		23.985	0.74	0.429	---	0.102
53	50/53	21.386	0.78	(0.437)	---	0.0396
54		19.039	0.78	0.161	---	0.0198
55		---	---	ND	---	0.0198
56		---	---	ND	---	0.0198
57		---	---	ND	---	0.0198
58		---	---	ND	---	0.0198
59	59/62/75	---	---	ND	---	0.0594
60		---	---	ND	---	0.0198
61	61/70/74/76	---	---	ND	---	0.0792
62	59/62/75	---	---	ND	---	0.0594
63		---	---	ND	---	0.0198
64		26.350	0.70	0.0237	---	0.0198
65	44/47/65	25.092	0.78	(0.955)	---	0.0594
66		29.373	0.76	0.0691	---	0.0467
67		---	---	ND	---	0.0198
68		---	---	ND	---	0.0198
69	49/69	24.505	0.75	(0.557)	---	0.0396
70	61/70/74/76	---	---	ND	---	0.0792
71	40/41/71	26.098	0.77	(0.127)	---	0.0594
72		---	---	ND	---	0.0198
73	43/73	---	---	ND	---	0.0396
74	61/70/74/76	---	---	ND	---	0.0792
75	59/62/75	---	---	ND	---	0.0594
76	61/70/74/76	---	---	ND	---	0.0792
77		---	---	ND	---	0.0198
78		---	---	ND	---	0.0198
79		---	---	ND	---	0.0198
80		---	---	ND	---	0.0198
81		---	---	ND	---	0.0198
82		---	---	ND	---	0.0198
83		---	---	ND	---	0.0198
84		29.222	1.61	0.0593	---	0.0198
85	85/116/117	---	---	ND	---	0.0594
86	86/87/97/108/119/125	32.291	1.52	0.182	---	0.119
87	86/87/97/108/119/125	32.291	1.52	(0.182)	---	0.119
88	88/91	29.004	1.54	0.165	---	0.0396
89		---	---	ND	---	0.0198
90	90/101/113	31.184	1.54	0.562	---	0.0594
91	88/91	29.004	1.54	(0.165)	---	0.0396
92		30.564	1.53	0.159	---	0.0198
93	93/98/100/102	28.350	1.61	0.143	---	0.0792
94		27.646	1.53	0.0361	---	0.0198
95		28.099	1.56	0.444	---	0.0554
96		---	---	ND	---	0.0198

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID HR-D1
Lab Sample ID 10682325011
Filename Y240212A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	32.291	1.52	(0.182)	---	0.119
98	93/98/100/102	28.350	1.61	(0.143)	---	0.0792
99		31.788	1.57	0.230	---	0.0198
100	93/98/100/102	28.350	1.61	(0.143)	---	0.0792
101	90/101/113	31.184	1.54	(0.562)	---	0.0594
102	93/98/100/102	28.350	1.61	(0.143)	---	0.0792
103		27.428	1.58	0.0516	---	0.0198
104		---	---	ND	---	0.0198
105		37.461	1.60	0.0364	---	0.0198
106		---	---	ND	---	0.0198
107	107/124	---	---	ND	---	0.0396
108	86/87/97/108/119/125	32.291	1.52	(0.182)	---	0.119
109		---	---	ND	---	0.0198
110	110/115	33.196	1.55	0.373	---	0.0396
111		---	---	ND	---	0.0198
112		---	---	ND	---	0.0198
113	90/101/113	31.184	1.54	(0.562)	---	0.0594
114		---	---	ND	---	0.0198
115	110/115	33.196	1.55	(0.373)	---	0.0396
116	85/116/117	---	---	ND	---	0.0594
117	85/116/117	---	---	ND	---	0.0594
118		36.287	1.59	0.154 U	---	0.0309
119	86/87/97/108/119/125	32.291	1.52	(0.182)	---	0.119
120		---	---	ND	---	0.0198
121		---	---	ND	---	0.0198
122		---	---	ND	---	0.0198
123		---	---	ND	---	0.0198
124	107/124	---	---	ND	---	0.0396
125	86/87/97/108/119/125	32.291	1.52	(0.182)	---	0.119
126		---	---	ND	---	0.0198
127		---	---	ND	---	0.0198
128	128/166	40.714	1.27	0.0594	---	0.0396
129	129/138/163	39.457	1.26	0.963	---	0.0594
130		38.786	1.26	0.0446	---	0.0198
131		---	---	ND	---	0.0198
132		36.354	1.23	0.253	---	0.0198
133		36.908	1.22	0.0229	---	0.0198
134	134/143	35.281	1.13	0.0492	---	0.0396
135	135/151	34.135	1.26	0.534	---	0.0396
136		31.653	1.25	0.151	---	0.0198
137		---	---	ND	---	0.0198
138	129/138/163	39.457	1.26	(0.963)	---	0.0594
139	139/140	---	---	ND	---	0.0396
140	139/140	---	---	ND	---	0.0396
141		38.383	1.23	0.210	---	0.0198
142		---	---	ND	---	0.0198
143	134/143	35.281	1.13	(0.0492)	---	0.0396
144		34.739	1.19	0.0495	---	0.0198

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-D1
Lab Sample ID	10682325011
Filename	Y240212A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0198
146		37.578	1.23	0.173 J	---	0.0198
147	147/149	35.097	1.25	1.05	---	0.0396
148		---	---	ND	---	0.0198
149	147/149	35.097	1.25	(1.05)	---	0.0396
150		---	---	ND	---	0.0198
151	135/151	34.135	1.26	(0.534)	---	0.0396
152		---	---	ND	---	0.0198
153	153/168	38.199	1.25	1.06	---	0.0396
154		34.437	1.21	0.0306	---	0.0198
155		---	---	ND	---	0.0198
156	156/157	43.670	1.23	0.0436	---	0.0396
157	156/157	43.670	1.23	(0.0436)	---	0.0396
158		39.859	1.24	0.0629	---	0.0198
159		---	---	ND	---	0.0198
160		---	---	ND	---	0.0198
161		---	---	ND	---	0.0198
162		---	---	ND	---	0.0198
163	129/138/163	39.457	1.26	(0.963)	---	0.0594
164		39.138	1.20	0.0632	---	0.0198
165		---	---	ND	---	0.0198
166	128/166	40.714	1.27	(0.0594)	---	0.0396
167		42.513	1.15	0.0276	---	0.0198
168	153/168	38.199	1.25	(1.06)	---	0.0396
169		---	---	ND	---	0.0198
170		46.336	1.05	0.330	---	0.0198
171	171/173	42.765	1.03	0.107	---	0.0396
172		44.408	1.07	0.0700	---	0.0198
173	171/173	42.765	1.03	(0.107)	---	0.0396
174		41.675	1.04	0.410	---	0.0198
175		---	---	ND	---	0.0198
176		38.031	1.01	0.0495	---	0.0198
177		42.111	1.06	0.244	---	0.0198
178		39.909	1.06	0.0988	---	0.0198
179		37.125	1.07	0.185	---	0.0198
180	180/193	45.079	1.02	0.826	---	0.0396
181		---	---	ND	---	0.0198
182		---	---	ND	---	0.0198
183	183/185	41.457	0.99	0.268	---	0.0396
184		---	---	ND	---	0.0198
185	183/185	41.457	0.99	(0.268)	---	0.0396
186		---	---	ND	---	0.0198
187		40.815	1.04	0.492	---	0.0198
188		---	---	ND	---	0.0198
189		---	---	ND	---	0.0198
190		46.873	0.97	0.0761	---	0.0198
191		---	---	ND	---	0.0198
192		---	---	ND	---	0.0198

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-D1
Lab Sample ID	10682325011
Filename	Y240212A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.079	1.02	(0.826)	---	0.0396
194		51.582	0.90	0.174	---	0.0198
195		49.233	0.88	0.0774	---	0.0198
196		47.711	0.91	0.0857	---	0.0198
197	197/200	---	---	ND	---	0.0396
198	198/199	47.041	0.92	0.189	---	0.0396
199	198/199	47.041	0.92	(0.189)	---	0.0396
200	197/200	---	---	ND	---	0.0396
201		43.201	0.92	0.0220	---	0.0198
202		42.245	0.95	0.0372	---	0.0198
203		47.912	0.90	0.113	---	0.0198
204		---	---	ND	---	0.0198
205		---	---	ND	---	0.0198
206		53.780	0.78	0.0428	---	0.0198
207		---	---	ND	---	0.0198
208		---	---	ND	---	0.0198
209		---	---	ND	---	0.0198

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	HR-D1
Lab Sample ID	10682325011
Filename	Y240212A_08

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.109
Total Dichloro Biphenyls	1.80
Total Trichloro Biphenyls	1.31
Total Tetrachloro Biphenyls	3.40
Total Pentachloro Biphenyls	2.59
Total Hexachloro Biphenyls	4.85
Total Heptachloro Biphenyls	3.16
Total Octachloro Biphenyls	0.699
Total Nonachloro Biphenyls	0.0428
DecachloroBiphenyls	ND
Total PCBs	18.0

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	New Lenox Rd Bridge		
Lab Sample ID	10682325012		
Filename	Y240212A_09		
Injected By	CVS		
Total Amount Extracted	1780 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	01/25/2024 13:00
ICAL ID	Y240212A02	Received	01/26/2024 08:50
CCal Filename(s)	Y240212A_01	Extracted	02/06/2024 13:45
Method Blank ID	BLANK-110903	Analyzed	02/12/2024 19:07

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.156	3.10	2.0	0.937	47
13C-4-MoCB	3	11.720	3.07	2.0	1.23	61
13C-2,2'-DiCB	4	11.996	1.57	2.0	1.15	57
13C-4,4'-DiCB	15	18.716	1.52	2.0	1.51	75
13C-2,2',6-TrCB	19	15.577	1.05	2.0	1.45	72
13C-3,4,4'-TrCB	37	26.267	1.02	2.0	1.53	77
13C-2,2',6,6'-TeCB	54	19.023	0.80	2.0	1.35	68
13C-3,4,4',5-TeCB	81	33.315	0.78	2.0	1.77	88
13C-3,3',4,4'-TeCB	77	33.885	0.79	2.0	1.79	89
13C-2,2',4,6,6'-PeCB	104	24.959	1.62	2.0	1.62	81
13C-2,3,3',4,4'-PeCB	105	37.461	1.59	2.0	1.66	83
13C-2,3,4,4',5-PeCB	114	36.807	1.60	2.0	1.64	82
13C-2,3',4,4',5-PeCB	118	36.271	1.56	2.0	1.64	82
13C-2,3',4,4',5'-PeCB	123	35.936	1.56	2.0	1.62	81
13C-3,3',4,4',5-PeCB	126	40.614	1.54	2.0	1.64	82
13C-2,2',4,4',6,6'-HxCB	155	30.934	1.30	2.0	1.68	84
13C-HxCB(156/157)	156/157	43.671	1.25	4.0	3.15	79
13C-2,3',4,4',5,5'-HxCB	167	42.497	1.28	2.0	1.60	80
13C-3,3',4,4',5,5'-HxCB	169	46.941	1.28	2.0	1.55	77
13C-2,2',3,4',5,6,6'-HpCB	188	36.791	1.04	2.0	1.90	95
13C-2,3,3',4,4',5,5'-HpCB	189	49.471	1.07	2.0	1.71	86
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.229	0.89	2.0	2.06	103
13C-2,3,3',4,4',5,5',6-OcCB	205	52.057	0.89	2.0	1.71	85
13C-2,2',3,3',4,4',5,5',6-NoCB	206	53.782	0.79	2.0	1.76	88
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	48.975	0.79	2.0	1.99	100
13C-DeCB	209	55.377	0.71	2.0	1.48	74
CleanupStandards						
13C-2,4,4'-TrCB	28	22.024	1.03	2.0	1.42	71
13C-2,3,3',5,5'-PeCB	111	33.935	1.59	2.0	1.62	81
13C-2,2',3,3',5,5',6-HpCB	178	39.893	1.07	2.0	1.51	76
Recovery Standards						
13C-2,5-DiCB	9	14.306	1.55	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	23.953	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.152	1.60	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.440	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.583	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	New Lenox Rd Bridge
Lab Sample ID	10682325012
Filename	Y240212A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.180	3.04	0.112	---	0.0224
2		---	---	ND	---	0.0224
3		---	---	ND	---	0.0224
4		12.020	1.57	2.69	---	0.0224
5		---	---	ND	---	0.0224
6		14.786	1.52	0.0578	---	0.0224
7		---	---	ND	---	0.0224
8		15.277	1.53	0.0733 U	---	0.0224
9		---	---	ND	---	0.0224
10		12.224	1.66	0.0847	---	0.0224
11		---	---	ND	---	0.220
12	12/13	---	---	ND	---	0.0448
13	12/13	---	---	ND	---	0.0448
14		---	---	ND	---	0.0224
15		18.728	1.53	0.0932	---	0.0296
16		18.668	1.13	0.0257	---	0.0224
17		18.165	1.04	0.315	---	0.0224
18	18/30	17.697	1.06	0.178	---	0.0448
19		15.601	1.03	1.57	---	0.0224
20	20/28	22.041	1.07	0.125	---	0.116
21	21/33	---	---	ND	---	0.121
22		---	---	ND	---	0.0852
23		---	---	ND	---	0.0224
24		---	---	ND	---	0.0224
25		21.387	1.01	0.112	---	0.0224
26	26/29	21.119	1.07	0.180	---	0.0448
27		18.404	1.03	0.263	---	0.0224
28	20/28	22.041	1.07	(0.125)	---	0.116
29	26/29	21.119	1.07	(0.180)	---	0.0448
30	18/30	17.697	1.06	(0.178)	---	0.0448
31		---	---	ND	---	0.117
32		19.258	1.04	0.258	---	0.0224
33	21/33	---	---	ND	---	0.121
34		---	---	ND	---	0.0224
35		---	---	ND	---	0.0224
36		---	---	ND	---	0.0224
37		---	---	ND	---	0.0475
38		---	---	ND	---	0.0224
39		---	---	ND	---	0.0224
40	40/41/71	26.116	0.78	0.250	---	0.0672
41	40/41/71	26.116	0.78	(0.250)	---	0.0672
42		25.596	0.81	0.0975	---	0.0224
43	43/73	24.137	0.77	0.0775	---	0.0448
44	44/47/65	25.093	0.76	2.17	---	0.0672
45	45/51	22.209	0.76	1.34	---	0.0448
46		22.444	0.70	0.0597	---	0.0224
47	44/47/65	25.093	0.76	(2.17)	---	0.0672
48		---	---	ND	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	New Lenox Rd Bridge
Lab Sample ID	10682325012
Filename	Y240212A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	24.506	0.77	1.48	---	0.0448
50	50/53	21.387	0.77	0.927	---	0.0448
51	45/51	22.209	0.76	(1.34)	---	0.0448
52		23.986	0.77	1.44	---	0.116
53	50/53	21.387	0.77	(0.927)	---	0.0448
54		19.040	0.75	0.370	---	0.0224
55		---	---	ND	---	0.0224
56		30.078	0.74	0.0335	---	0.0224
57		28.100	0.70	0.0754	---	0.0224
58		---	---	ND	---	0.0224
59	59/62/75	---	---	ND	---	0.0672
60		---	---	ND	---	0.0224
61	61/70/74/76	29.022	0.77	0.296	---	0.0897
62	59/62/75	---	---	ND	---	0.0672
63		---	---	ND	---	0.0224
64		26.351	0.81	0.0725	---	0.0224
65	44/47/65	25.093	0.76	(2.17)	---	0.0672
66		29.391	0.79	0.213	---	0.0529
67		---	---	ND	---	0.0224
68		---	---	ND	---	0.0224
69	49/69	24.506	0.77	(1.48)	---	0.0448
70	61/70/74/76	29.022	0.77	(0.296)	---	0.0897
71	40/41/71	26.116	0.78	(0.250)	---	0.0672
72		---	---	ND	---	0.0224
73	43/73	24.137	0.77	(0.0775)	---	0.0448
74	61/70/74/76	29.022	0.77	(0.296)	---	0.0897
75	59/62/75	---	---	ND	---	0.0672
76	61/70/74/76	29.022	0.77	(0.296)	---	0.0897
77		---	---	ND	---	0.0224
78		---	---	ND	---	0.0224
79		---	---	ND	---	0.0224
80		---	---	ND	---	0.0224
81		---	---	ND	---	0.0224
82		33.516	1.62	0.0991	---	0.0224
83		31.638	1.61	0.0858	---	0.0224
84		29.223	1.54	0.299	---	0.0224
85	85/116/117	33.047	1.55	0.264	---	0.0672
86	86/87/97/108/119/125	32.376	1.59	1.04	---	0.134
87	86/87/97/108/119/125	32.376	1.59	(1.04)	---	0.134
88	88/91	29.022	1.59	0.613	---	0.0448
89		---	---	ND	---	0.0224
90	90/101/113	31.185	1.58	3.18	---	0.0672
91	88/91	29.022	1.59	(0.613)	---	0.0448
92		30.581	1.57	0.690	---	0.0224
93	93/98/100/102	28.351	1.54	0.513	---	0.0897
94		27.647	1.56	0.101	---	0.0224
95		28.100	1.57	2.36	---	0.0628
96		25.345	1.53	0.0573	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: New Lenox Rd Bridge
Lab Sample ID: 10682325012
Filename: Y240212A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	32.376	1.59	(1.04)	---	0.134
98	93/98/100/102	28.351	1.54	(0.513)	---	0.0897
99		31.789	1.58	1.07	---	0.0224
100	93/98/100/102	28.351	1.54	(0.513)	---	0.0897
101	90/101/113	31.185	1.58	(3.18)	---	0.0672
102	93/98/100/102	28.351	1.54	(0.513)	---	0.0897
103		27.429	1.62	0.179	---	0.0224
104		24.993	1.62	0.0494	---	0.0224
105		37.495	1.56	0.298	---	0.0224
106		---	---	ND	---	0.0224
107	107/124	35.600	1.58	0.0530	---	0.0448
108	86/87/97/108/119/125	32.376	1.59	(1.04)	---	0.134
109		35.835	1.58	0.0793	---	0.0224
110	110/115	33.197	1.60	2.41	---	0.0448
111		---	---	ND	---	0.0224
112		---	---	ND	---	0.0224
113	90/101/113	31.185	1.58	(3.18)	---	0.0672
114		---	---	ND	---	0.0224
115	110/115	33.197	1.60	(2.41)	---	0.0448
116	85/116/117	33.047	1.55	(0.264)	---	0.0672
117	85/116/117	33.047	1.55	(0.264)	---	0.0672
118		36.305	1.57	1.10	---	0.0350
119	86/87/97/108/119/125	32.376	1.59	(1.04)	---	0.134
120		---	---	ND	---	0.0224
121		---	---	ND	---	0.0224
122		---	---	ND	---	0.0224
123		35.952	1.54	0.0265	---	0.0224
124	107/124	35.600	1.58	(0.0530)	---	0.0448
125	86/87/97/108/119/125	32.376	1.59	(1.04)	---	0.134
126		---	---	ND	---	0.0224
127		---	---	ND	---	0.0224
128	128/166	40.731	1.22	0.510	---	0.0448
129	129/138/163	39.457	1.24	7.27	---	0.0672
130		38.803	1.23	0.272	---	0.0224
131		35.919	1.18	0.0420	---	0.0224
132		36.371	1.25	1.89	---	0.0224
133		36.908	1.26	0.131	---	0.0224
134	134/143	35.299	1.24	0.321	---	0.0448
135	135/151	34.153	1.26	3.45	---	0.0448
136		31.654	1.24	1.05	---	0.0224
137		39.021	1.24	0.110	---	0.0224
138	129/138/163	39.457	1.24	(7.27)	---	0.0672
139	139/140	35.734	1.20	0.0648	---	0.0448
140	139/140	35.734	1.20	(0.0648)	---	0.0448
141		38.401	1.25	1.59	---	0.0224
142		---	---	ND	---	0.0224
143	134/143	35.299	1.24	(0.321)	---	0.0448
144		34.740	1.26	0.362	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: New Lenox Rd Bridge
Lab Sample ID: 10682325012
Filename: Y240212A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0224
146		37.579	1.24	1.06	---	0.0224
147	147/149	35.097	1.24	7.24	---	0.0448
148		33.549	1.24	0.0380	---	0.0224
149	147/149	35.097	1.24	(7.24)	---	0.0448
150		31.319	1.25	0.0429	---	0.0224
151	135/151	34.153	1.26	(3.45)	---	0.0448
152		31.118	1.26	0.0251	---	0.0224
153	153/168	38.216	1.26	7.35	---	0.0448
154		34.438	1.24	0.164	---	0.0224
155		---	---	ND	---	0.0224
156	156/157	43.671	1.27	0.382	---	0.0448
157	156/157	43.671	1.27	(0.382)	---	0.0448
158		39.860	1.24	0.497	---	0.0224
159		41.726	1.28	0.0417	---	0.0224
160		---	---	ND	---	0.0224
161		---	---	ND	---	0.0224
162		42.044	1.18	0.0242	---	0.0224
163	129/138/163	39.457	1.24	(7.27)	---	0.0672
164		39.138	1.24	0.442	---	0.0224
165		---	---	ND	---	0.0224
166	128/166	40.731	1.22	(0.510)	---	0.0448
167		42.531	1.23	0.189	---	0.0224
168	153/168	38.216	1.26	(7.35)	---	0.0448
169		---	---	ND	---	0.0224
170		46.337	1.03	2.83	---	0.0224
171	171/173	42.782	1.01	0.896	---	0.0448
172		44.426	1.01	0.552	---	0.0224
173	171/173	42.782	1.01	(0.896)	---	0.0448
174		41.692	1.02	3.46	---	0.0224
175		40.564	1.14	0.118	---	0.0224
176		38.032	1.05	0.409	---	0.0224
177		42.128	1.04	2.07	---	0.0224
178		39.910	1.03	0.733	---	0.0224
179		37.143	1.03	1.51	---	0.0224
180	180/193	45.097	1.02	7.16	---	0.0448
181		---	---	ND	---	0.0224
182		---	---	ND	---	0.0224
183	183/185	41.474	1.02	2.25	---	0.0448
184		---	---	ND	---	0.0224
185	183/185	41.474	1.02	(2.25)	---	0.0448
186		---	---	ND	---	0.0224
187		40.832	1.05	3.85	---	0.0224
188		---	---	ND	---	0.0224
189		49.514	1.04	0.106	---	0.0224
190		46.891	1.04	0.666	---	0.0224
191		45.449	1.03	0.135	---	0.0224
192		---	---	ND	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	New Lenox Rd Bridge
Lab Sample ID	10682325012
Filename	Y240212A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.097	1.02	(7.16)	---	0.0448
194		51.605	0.88	1.60	---	0.0224
195		49.234	0.88	0.697	---	0.0224
196		47.713	0.91	0.736	---	0.0224
197	197/200	44.208	0.91	0.197	---	0.0448
198	198/199	47.042	0.89	1.61	---	0.0448
199	198/199	47.042	0.89	(1.61)	---	0.0448
200	197/200	44.208	0.91	(0.197)	---	0.0448
201		43.201	0.90	0.188	---	0.0224
202		42.263	0.89	0.311	---	0.0224
203		47.914	0.90	0.980	---	0.0224
204		---	---	ND	---	0.0224
205		52.079	0.80	0.0839	---	0.0224
206		53.803	0.81	0.386	---	0.0224
207		49.924	0.80	0.0490	---	0.0224
208		48.997	0.73	0.0752	---	0.0224
209		55.377	0.69	0.0324	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	New Lenox Rd Bridge
Lab Sample ID	10682325012
Filename	Y240212A_09

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.112
Total Dichloro Biphenyls	3.00
Total Trichloro Biphenyls	3.03
Total Tetrachloro Biphenyls	8.90
Total Pentachloro Biphenyls	14.6
Total Hexachloro Biphenyls	34.6
Total Heptachloro Biphenyls	26.7
Total Octachloro Biphenyls	6.41
Total Nonachloro Biphenyls	0.510
DecachloroBiphenyls	0.0324
Total PCBs	97.9

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO# : 70285613

PM: BDR Due Date: 02/19/24

CLIENT: Pace-MN

order Number or

ONLY

Company: Arcadis	Billing Information: accountspayable, administration @ arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146.3000 Housatonic River BMP	State: MA / County/City: Pittsfield / Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: 315-671-9374 Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): Paul T Rabasco	Turnaround Date Required: Standard / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis:

BDR

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: TSS Low Level SM2540D*	Lab Profile/Line: 456 43
Pomeroy Avenue Bridge	WT		01/26/24	13:00				1	X	

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:
* Please use entire sample for analysis.
Short Hold Time
Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used: Ziploc

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 6093 7243 1546 2943169

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: IR211
Cooler 1 Temp Upon Receipt: 3.2 oC
Cooler 1 Therm Corr. Factor: +0.4 oC
Cooler 1 Corrected Temp: 3.6 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Paul T Rabasco	01/29/24 17:30	ASF PACE LS	1/30/24 9:43
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River
Pace Project No.: 10682496

Sample: Pomeroy Avenue Bridge **Lab ID: 10682496001** Collected: 01/26/24 13:00 Received: 01/30/24 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**38.0**	mg/L	3.3	1		01/31/24 16:09		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Worko

WO#: 10682513

10682513

ALL SHADI

Report No: 10682513 Rev. 1 (Page 5 of 10)

Company: Arcadis	Billing Information: accountspayable. administration @ arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146.3000 Housatonic River BMP	State: MA / County/City: Pittsfield / Time Zone Collected: [ ]PT [ ]MT [ ]CT [✓]ET
Phone: 315 671-9374 Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): Penelope T. Rabasco	Turnaround Date Required: Standard / Immediately Packed on Ice: [✓] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type: U

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: PCB 1668	Lab Sample # / Comments
Woods Pond Dam	WT		01/25/24	11:45				4	X	001
Woods Pond Dam (Lab Dup)	WT		01/25/24	11:45				4	X	002
Pomeroy Avenue Bridge	WT		01/26/24	13:00				4	X	003

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Refer to Contract

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2943170

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: (Y) N NA
Therm ID#: T2
Cooler 1 Temp Upon Receipt: 1.1/1.3 °C
Cooler 1 Therm Corr. Factor: +0.2 °C
Cooler 1 Corrected Temp: 1.3/1.5 °C
Comments:

Relinquished by/Company: (Signature) Penelope T. Rabasco / Arcadis	Date/Time: 01/29/24 17:30	Received by/Company: (Signature) Pace	Date/Time: 1/30/24 8:50
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N (NA)
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Woods Pond Dam		
Lab Sample ID	10682513001		
Filename	Y240213A_04		
Injected By	CVS		
Total Amount Extracted	1860 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	01/25/2024 11:45
ICAL ID	Y240213A02	Received	01/30/2024 08:50
CCal Filename(s)	Y240213A_01	Extracted	02/06/2024 13:45
Method Blank ID	BLANK-110903	Analyzed	02/13/2024 03:58

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.096	3.05	2.0	1.02	51
13C-4-MoCB	3	11.672	3.08	2.0	1.28	64
13C-2,2'-DiCB	4	11.948	1.60	2.0	1.29	64
13C-4,4'-DiCB	15	18.691	1.55	2.0	1.49	74
13C-2,2',6-TrCB	19	15.540	1.06	2.0	1.59	79
13C-3,4,4'-TrCB	37	26.282	1.06	2.0	1.44	72
13C-2,2',6,6'-TeCB	54	19.005	0.80	2.0	1.47	73
13C-3,4,4',5-TeCB	81	33.313	0.76	2.0	1.66	83
13C-3,3',4,4'-TeCB	77	33.900	0.79	2.0	1.64	82
13C-2,2',4,6,6'-PeCB	104	24.974	1.65	2.0	1.62	81
13C-2,3,3',4,4'-PeCB	105	37.477	1.63	2.0	1.52	76
13C-2,3,4,4',5-PeCB	114	36.822	1.60	2.0	1.52	76
13C-2,3',4,4',5-PeCB	118	36.286	1.57	2.0	1.50	75
13C-2,3',4,4',5'-PeCB	123	35.951	1.57	2.0	1.52	76
13C-3,3',4,4',5-PeCB	126	40.629	1.56	2.0	1.52	76
13C-2,2',4,4',6,6'-HxCB	155	30.932	1.26	2.0	1.42	71
13C-HxCB(156/157)	156/157	43.686	1.28	4.0	2.93	73
13C-2,3',4,4',5,5'-HxCB	167	42.512	1.28	2.0	1.49	75
13C-3,3',4,4',5,5'-HxCB	169	46.972	1.28	2.0	1.39	70
13C-2,2',3,4',5,6,6'-HpCB	188	36.806	1.05	2.0	1.84	92
13C-2,3,3',4,4',5,5'-HpCB	189	49.506	1.05	2.0	1.67	84
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.244	0.88	2.0	2.00	100
13C-2,3,3',4,4',5,5',6-OcCB	205	52.071	0.88	2.0	1.61	81
13C-2,2',3,3',4,4',5,5',6-NoCB	206	53.795	0.80	2.0	1.65	82
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	48.989	0.81	2.0	1.89	94
13C-DeCB	209	55.390	0.71	2.0	1.38	69
CleanupStandards						
13C-2,4,4'-TrCB	28	22.006	1.05	2.0	1.33	67
13C-2,3,3',5,5'-PeCB	111	33.950	1.58	2.0	1.51	76
13C-2,2',3,3',5,5',6-HpCB	178	39.891	1.06	2.0	1.47	73
Recovery Standards						
13C-2,5-DiCB	9	14.258	1.53	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	23.968	0.77	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.167	1.59	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.438	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.597	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10682513001
Filename	Y240213A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.108	2.98	0.122	---	0.0215
2		---	---	ND	---	0.0215
3		---	---	ND	---	0.0215
4		11.960	1.57	2.26	---	0.0215
5		---	---	ND	---	0.0215
6		14.749	1.50	0.0520	---	0.0215
7		---	---	ND	---	0.0215
8		15.241	1.53	0.0672 U	---	0.0215
9		---	---	ND	---	0.0215
10		12.175	1.54	0.0672	---	0.0215
11		---	---	ND	---	0.210
12	12/13	---	---	ND	---	0.0429
13	12/13	---	---	ND	---	0.0429
14		---	---	ND	---	0.0215
15		18.715	1.55	0.0786	---	0.0283
16		18.631	0.98	0.0263	---	0.0215
17		18.152	1.05	0.251	---	0.0215
18	18/30	17.684	1.03	0.144	---	0.0429
19		15.564	1.03	1.06	---	0.0215
20	20/28	22.040	1.05	0.116	---	0.111
21	21/33	---	---	ND	---	0.116
22		---	---	ND	---	0.0816
23		---	---	ND	---	0.0215
24		---	---	ND	---	0.0215
25		21.386	1.06	0.0887	---	0.0215
26	26/29	21.118	1.04	0.123	---	0.0429
27		18.379	1.02	0.185	---	0.0215
28	20/28	22.040	1.05	(0.116)	---	0.111
29	26/29	21.118	1.04	(0.123)	---	0.0429
30	18/30	17.684	1.03	(0.144)	---	0.0429
31		---	---	ND	---	0.112
32		19.240	1.05	0.264	---	0.0215
33	21/33	---	---	ND	---	0.116
34		---	---	ND	---	0.0215
35		---	---	ND	---	0.0215
36		---	---	ND	---	0.0215
37		---	---	ND	---	0.0455
38		---	---	ND	---	0.0215
39		---	---	ND	---	0.0215
40	40/41/71	26.114	0.76	0.249	---	0.0644
41	40/41/71	26.114	0.76	(0.249)	---	0.0644
42		25.594	0.74	0.0854	---	0.0215
43	43/73	24.136	0.72	0.0654	---	0.0429
44	44/47/65	25.108	0.75	2.17	---	0.0644
45	45/51	22.208	0.78	1.33	---	0.0429
46		22.442	0.89	0.0577	---	0.0215
47	44/47/65	25.108	0.75	(2.17)	---	0.0644
48		---	---	ND	---	0.0215

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10682513001
Filename	Y240213A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	24.505	0.78	1.24	---	0.0429
50	50/53	21.386	0.76	0.882	---	0.0429
51	45/51	22.208	0.78	(1.33)	---	0.0429
52		23.985	0.76	0.893	---	0.111
53	50/53	21.386	0.76	(0.882)	---	0.0429
54		19.022	0.75	0.306	---	0.0215
55		---	---	ND	---	0.0215
56		30.077	0.79	0.0241	---	0.0215
57		---	---	ND	---	0.0215
58		---	---	ND	---	0.0215
59	59/62/75	---	---	ND	---	0.0644
60		---	---	ND	---	0.0215
61	61/70/74/76	29.037	0.75	0.190	---	0.0859
62	59/62/75	---	---	ND	---	0.0644
63		---	---	ND	---	0.0215
64		26.349	0.76	0.0503	---	0.0215
65	44/47/65	25.108	0.75	(2.17)	---	0.0644
66		29.389	0.78	0.163	---	0.0507
67		---	---	ND	---	0.0215
68		27.562	0.80	0.0303	---	0.0215
69	49/69	24.505	0.78	(1.24)	---	0.0429
70	61/70/74/76	29.037	0.75	(0.190)	---	0.0859
71	40/41/71	26.114	0.76	(0.249)	---	0.0644
72		---	---	ND	---	0.0215
73	43/73	24.136	0.72	(0.0654)	---	0.0429
74	61/70/74/76	29.037	0.75	(0.190)	---	0.0859
75	59/62/75	---	---	ND	---	0.0644
76	61/70/74/76	29.037	0.75	(0.190)	---	0.0859
77		---	---	ND	---	0.0215
78		---	---	ND	---	0.0215
79		---	---	ND	---	0.0215
80		---	---	ND	---	0.0215
81		---	---	ND	---	0.0215
82		33.531	1.47	0.0460	---	0.0215
83		31.653	1.54	0.0504	---	0.0215
84		29.238	1.54	0.155	---	0.0215
85	85/116/117	33.045	1.56	0.148	---	0.0644
86	86/87/97/108/119/125	32.307	1.61	0.541	---	0.129
87	86/87/97/108/119/125	32.307	1.61	(0.541)	---	0.129
88	88/91	29.020	1.58	0.437	---	0.0429
89		---	---	ND	---	0.0215
90	90/101/113	31.200	1.59	1.65	---	0.0644
91	88/91	29.020	1.58	(0.437)	---	0.0429
92		30.580	1.56	0.412	---	0.0215
93	93/98/100/102	28.367	1.56	0.436	---	0.0859
94		27.646	1.63	0.0834	---	0.0215
95		28.115	1.57	1.20	---	0.0601
96		25.360	1.59	0.0476	---	0.0215

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Woods Pond Dam
Lab Sample ID 10682513001
Filename Y240213A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	32.307	1.61	(0.541)	---	0.129
98	93/98/100/102	28.367	1.56	(0.436)	---	0.0859
99		31.804	1.56	0.622	---	0.0215
100	93/98/100/102	28.367	1.56	(0.436)	---	0.0859
101	90/101/113	31.200	1.59	(1.65)	---	0.0644
102	93/98/100/102	28.367	1.56	(0.436)	---	0.0859
103		27.427	1.59	0.139	---	0.0215
104		24.991	1.56	0.0413	---	0.0215
105		37.493	1.57	0.149	---	0.0215
106		---	---	ND	---	0.0215
107	107/124	---	---	ND	---	0.0429
108	86/87/97/108/119/125	32.307	1.61	(0.541)	---	0.129
109		35.850	1.58	0.0485	---	0.0215
110	110/115	33.212	1.56	1.18	---	0.0429
111		---	---	ND	---	0.0215
112		---	---	ND	---	0.0215
113	90/101/113	31.200	1.59	(1.65)	---	0.0644
114		---	---	ND	---	0.0215
115	110/115	33.212	1.56	(1.18)	---	0.0429
116	85/116/117	33.045	1.56	(0.148)	---	0.0644
117	85/116/117	33.045	1.56	(0.148)	---	0.0644
118		36.303	1.58	0.545	---	0.0335
119	86/87/97/108/119/125	32.307	1.61	(0.541)	---	0.129
120		---	---	ND	---	0.0215
121		---	---	ND	---	0.0215
122		---	---	ND	---	0.0215
123		---	---	ND	---	0.0215
124	107/124	---	---	ND	---	0.0429
125	86/87/97/108/119/125	32.307	1.61	(0.541)	---	0.129
126		---	---	ND	---	0.0215
127		---	---	ND	---	0.0215
128	128/166	40.746	1.22	0.261	---	0.0429
129	129/138/163	39.472	1.25	3.77	---	0.0644
130		38.818	1.23	0.154	---	0.0215
131		35.917	1.29	0.0231	---	0.0215
132		36.387	1.25	0.982	---	0.0215
133		36.923	1.28	0.0827	---	0.0215
134	134/143	35.313	1.16	0.176	---	0.0429
135	135/151	34.151	1.25	1.82	---	0.0429
136		31.670	1.26	0.545	---	0.0215
137		39.036	1.16	0.0623	---	0.0215
138	129/138/163	39.472	1.25	(3.77)	---	0.0644
139	139/140	---	---	ND	---	0.0429
140	139/140	---	---	ND	---	0.0429
141		38.399	1.25	0.811	---	0.0215
142		---	---	ND	---	0.0215
143	134/143	35.313	1.16	(0.176)	---	0.0429
144		34.755	1.28	0.189	---	0.0215

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10682513001
Filename	Y240213A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0215
146		37.594	1.27	0.579	---	0.0215
147	147/149	35.112	1.25	3.82	---	0.0429
148		33.581	1.23	0.0274	---	0.0215
149	147/149	35.112	1.25	(3.82)	---	0.0429
150		31.317	1.28	0.0317	---	0.0215
151	135/151	34.151	1.25	(1.82)	---	0.0429
152		---	---	ND	---	0.0215
153	153/168	38.215	1.25	3.87	---	0.0429
154		34.436	1.30	0.110	---	0.0215
155		---	---	ND	---	0.0215
156	156/157	43.686	1.29	0.184	---	0.0429
157	156/157	43.686	1.29	(0.184)	---	0.0429
158		39.874	1.25	0.265	---	0.0215
159		---	---	ND	---	0.0215
160		---	---	ND	---	0.0215
161		---	---	ND	---	0.0215
162		---	---	ND	---	0.0215
163	129/138/163	39.472	1.25	(3.77)	---	0.0644
164		39.153	1.26	0.246	---	0.0215
165		---	---	ND	---	0.0215
166	128/166	40.746	1.22	(0.261)	---	0.0429
167		42.529	1.24	0.0967	---	0.0215
168	153/168	38.215	1.25	(3.87)	---	0.0429
169		---	---	ND	---	0.0215
170		46.352	1.04	1.33	---	0.0215
171	171/173	42.797	1.01	0.427	---	0.0429
172		44.440	1.05	0.260	---	0.0215
173	171/173	42.797	1.01	(0.427)	---	0.0429
174		41.690	1.04	1.59	---	0.0215
175		40.579	1.10	0.0620	---	0.0215
176		38.047	1.05	0.195	---	0.0215
177		42.143	1.02	0.975	---	0.0215
178		39.925	1.04	0.368	---	0.0215
179		37.141	1.05	0.737	---	0.0215
180	180/193	45.094	1.02	3.42	---	0.0429
181		---	---	ND	---	0.0215
182		---	---	ND	---	0.0215
183	183/185	41.472	1.00	1.06	---	0.0429
184		---	---	ND	---	0.0215
185	183/185	41.472	1.00	(1.06)	---	0.0429
186		---	---	ND	---	0.0215
187		40.847	1.03	1.85	---	0.0215
188		---	---	ND	---	0.0215
189		49.506	1.07	0.0484	---	0.0215
190		46.905	1.05	0.318	---	0.0215
191		45.446	0.97	0.0631	---	0.0215
192		---	---	ND	---	0.0215

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10682513001
Filename	Y240213A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.094	1.02	(3.42)	---	0.0429
194		51.618	0.90	0.680	---	0.0215
195		49.248	0.85	0.319	---	0.0215
196		47.727	0.88	0.341	---	0.0215
197	197/200	44.222	0.89	0.0861	---	0.0429
198	198/199	47.056	0.91	0.791	---	0.0429
199	198/199	47.056	0.91	(0.791)	---	0.0429
200	197/200	44.222	0.89	(0.0861)	---	0.0429
201		43.199	0.90	0.0898	---	0.0215
202		42.261	0.90	0.143	---	0.0215
203		47.944	0.89	0.448	---	0.0215
204		---	---	ND	---	0.0215
205		52.092	0.82	0.0402	---	0.0215
206		53.817	0.80	0.166	---	0.0215
207		49.959	0.76	0.0219	---	0.0215
208		49.011	0.79	0.0329	---	0.0215
209		---	---	ND	---	0.0215

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10682513001
Filename	Y240213A_04

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.122
Total Dichloro Biphenyls	2.52
Total Trichloro Biphenyls	2.26
Total Tetrachloro Biphenyls	7.74
Total Pentachloro Biphenyls	7.93
Total Hexachloro Biphenyls	18.1
Total Heptachloro Biphenyls	12.7
Total Octachloro Biphenyls	2.94
Total Nonachloro Biphenyls	0.221
DecachloroBiphenyls	ND
Total PCBs	54.5

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Woods Pond Dam (Lab Dup)		
Lab Sample ID	10682513002		
Filename	Y240213A_05		
Injected By	CVS		
Total Amount Extracted	1800 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	01/25/2024 11:45
ICAL ID	Y240213A02	Received	01/30/2024 08:50
CCal Filename(s)	Y240213A_01	Extracted	02/06/2024 13:45
Method Blank ID	BLANK-110903	Analyzed	02/13/2024 04:57

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.156	3.06	2.0	0.521	26
13C-4-MoCB	3	11.721	3.02	2.0	0.959	48
13C-2,2'-DiCB	4	11.996	1.53	2.0	0.992	50
13C-4,4'-DiCB	15	18.717	1.52	2.0	1.65	82
13C-2,2',6-TrCB	19	15.577	1.06	2.0	1.54	77
13C-3,4,4'-TrCB	37	26.285	1.02	2.0	1.62	81
13C-2,2',6,6'-TeCB	54	19.024	0.80	2.0	1.48	74
13C-3,4,4',5-TeCB	81	33.333	0.78	2.0	1.89	95
13C-3,3',4,4'-TeCB	77	33.903	0.78	2.0	1.91	95
13C-2,2',4,6,6'-PeCB	104	24.977	1.63	2.0	1.76	88
13C-2,3,3',4,4'-PeCB	105	37.480	1.60	2.0	1.73	86
13C-2,3,4,4',5-PeCB	114	36.843	1.60	2.0	1.77	89
13C-2,3',4,4',5-PeCB	118	36.289	1.60	2.0	1.76	88
13C-2,3',4,4',5'-PeCB	123	35.954	1.56	2.0	1.73	86
13C-3,3',4,4',5-PeCB	126	40.632	1.55	2.0	1.76	88
13C-2,2',4,4',6,6'-HxCB	155	30.951	1.30	2.0	1.82	91
13C-HxCB(156/157)	156/157	43.689	1.26	4.0	3.33	83
13C-2,3',4,4',5,5'-HxCB	167	42.533	1.24	2.0	1.74	87
13C-3,3',4,4',5,5'-HxCB	169	46.976	1.24	2.0	1.61	81
13C-2,2',3,4',5,6,6'-HpCB	188	36.809	1.04	2.0	2.02	101
13C-2,3,3',4,4',5,5'-HpCB	189	49.515	1.09	2.0	1.84	92
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.248	0.90	2.0	2.15	108
13C-2,3,3',4,4',5,5',6-OcCB	205	52.081	0.89	2.0	1.83	91
13C-2,2',3,3',4,4',5,5',6-NoCB	206	53.805	0.85	2.0	1.76	88
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	48.998	0.80	2.0	2.02	101
13C-DeCB	209	55.400	0.72	2.0	1.50	75
CleanupStandards						
13C-2,4,4'-TrCB	28	22.025	1.02	2.0	1.39	70
13C-2,3,3',5,5'-PeCB	111	33.953	1.58	2.0	1.72	86
13C-2,2',3,3',5,5',6-HpCB	178	39.911	1.05	2.0	1.64	82
Recovery Standards						
13C-2,5-DiCB	9	14.307	1.53	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	23.971	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.186	1.61	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.458	1.29	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.606	0.88	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam (Lab Dup)
Lab Sample ID	10682513002
Filename	Y240213A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.168	3.13	0.110	---	0.0223
2		---	---	ND	---	0.0223
3		---	---	ND	---	0.0223
4		12.020	1.61	2.30	---	0.0223
5		---	---	ND	---	0.0223
6		14.774	1.51	0.0526	---	0.0223
7		---	---	ND	---	0.0223
8		15.278	1.55	0.0654 U	---	0.0223
9		---	---	ND	---	0.0223
10		12.224	1.46	0.0575	---	0.0223
11		---	---	ND	---	0.218
12	12/13	---	---	ND	---	0.0445
13	12/13	---	---	ND	---	0.0445
14		---	---	ND	---	0.0223
15		18.741	1.43	0.0783	---	0.0294
16		18.669	1.07	0.0247	---	0.0223
17		18.166	1.04	0.226	---	0.0223
18	18/30	17.710	1.05	0.137	---	0.0445
19		15.601	1.04	1.03	---	0.0223
20	20/28	22.059	0.99	0.125	---	0.115
21	21/33	---	---	ND	---	0.120
22		---	---	ND	---	0.0846
23		---	---	ND	---	0.0223
24		---	---	ND	---	0.0223
25		21.388	1.00	0.0923	---	0.0223
26	26/29	21.137	1.03	0.120	---	0.0445
27		18.405	1.03	0.176	---	0.0223
28	20/28	22.059	0.99	(0.125)	---	0.115
29	26/29	21.137	1.03	(0.120)	---	0.0445
30	18/30	17.710	1.05	(0.137)	---	0.0445
31		---	---	ND	---	0.116
32		19.259	1.06	0.260	---	0.0223
33	21/33	---	---	ND	---	0.120
34		---	---	ND	---	0.0223
35		---	---	ND	---	0.0223
36		---	---	ND	---	0.0223
37		---	---	ND	---	0.0472
38		---	---	ND	---	0.0223
39		---	---	ND	---	0.0223
40	40/41/71	26.134	0.76	0.250	---	0.0668
41	40/41/71	26.134	0.76	(0.250)	---	0.0668
42		25.614	0.74	0.0861	---	0.0223
43	43/73	24.155	0.78	0.0644	---	0.0445
44	44/47/65	25.111	0.79	2.07	---	0.0668
45	45/51	22.227	0.77	1.28	---	0.0445
46		22.462	0.78	0.0551	---	0.0223
47	44/47/65	25.111	0.79	(2.07)	---	0.0668
48		---	---	ND	---	0.0223

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam (Lab Dup)
Lab Sample ID	10682513002
Filename	Y240213A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	24.524	0.76	1.21	---	0.0445
50	50/53	21.405	0.79	0.835	---	0.0445
51	45/51	22.227	0.77	(1.28)	---	0.0445
52		24.004	0.77	0.880	---	0.115
53	50/53	21.405	0.79	(0.835)	---	0.0445
54		19.057	0.79	0.298	---	0.0223
55		---	---	ND	---	0.0223
56		30.080	0.69	0.0225	---	0.0223
57		---	---	ND	---	0.0223
58		---	---	ND	---	0.0223
59	59/62/75	---	---	ND	---	0.0668
60		---	---	ND	---	0.0223
61	61/70/74/76	29.057	0.77	0.192	---	0.0891
62	59/62/75	---	---	ND	---	0.0668
63		---	---	ND	---	0.0223
64		26.369	0.77	0.0504	---	0.0223
65	44/47/65	25.111	0.79	(2.07)	---	0.0668
66		29.392	0.78	0.175	---	0.0525
67		---	---	ND	---	0.0223
68		27.581	0.73	0.0308	---	0.0223
69	49/69	24.524	0.76	(1.21)	---	0.0445
70	61/70/74/76	29.057	0.77	(0.192)	---	0.0891
71	40/41/71	26.134	0.76	(0.250)	---	0.0668
72		---	---	ND	---	0.0223
73	43/73	24.155	0.78	(0.0644)	---	0.0445
74	61/70/74/76	29.057	0.77	(0.192)	---	0.0891
75	59/62/75	---	---	ND	---	0.0668
76	61/70/74/76	29.057	0.77	(0.192)	---	0.0891
77		---	---	ND	---	0.0223
78		---	---	ND	---	0.0223
79		---	---	ND	---	0.0223
80		---	---	ND	---	0.0223
81		---	---	ND	---	0.0223
82		33.534	1.59	0.0465	---	0.0223
83		31.673	1.65	0.0513	---	0.0223
84		29.258	1.52	0.158	---	0.0223
85	85/116/117	33.064	1.56	0.142	---	0.0668
86	86/87/97/108/119/125	32.327	1.55	0.529	---	0.134
87	86/87/97/108/119/125	32.327	1.55	(0.529)	---	0.134
88	88/91	29.040	1.55	0.427	---	0.0445
89		---	---	ND	---	0.0223
90	90/101/113	31.203	1.56	1.69	---	0.0668
91	88/91	29.040	1.55	(0.427)	---	0.0445
92		30.599	1.53	0.396	---	0.0223
93	93/98/100/102	28.386	1.58	0.418	---	0.0891
94		27.665	1.60	0.0809	---	0.0223
95		28.118	1.58	1.21	---	0.0623
96		25.363	1.50	0.0464	---	0.0223

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Woods Pond Dam (Lab Dup)
Lab Sample ID 10682513002
Filename Y240213A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	32.327	1.55	(0.529)	---	0.134
98	93/98/100/102	28.386	1.58	(0.418)	---	0.0891
99		31.823	1.58	0.622	---	0.0223
100	93/98/100/102	28.386	1.58	(0.418)	---	0.0891
101	90/101/113	31.203	1.56	(1.69)	---	0.0668
102	93/98/100/102	28.386	1.58	(0.418)	---	0.0891
103		27.447	1.56	0.133	---	0.0223
104		25.010	1.61	0.0418	---	0.0223
105		37.514	1.54	0.140	---	0.0223
106		---	---	ND	---	0.0223
107	107/124	---	---	ND	---	0.0445
108	86/87/97/108/119/125	32.327	1.55	(0.529)	---	0.134
109		35.853	1.51	0.0502	---	0.0223
110	110/115	33.215	1.57	1.17	---	0.0445
111		---	---	ND	---	0.0223
112		---	---	ND	---	0.0223
113	90/101/113	31.203	1.56	(1.69)	---	0.0668
114		---	---	ND	---	0.0223
115	110/115	33.215	1.57	(1.17)	---	0.0445
116	85/116/117	33.064	1.56	(0.142)	---	0.0668
117	85/116/117	33.064	1.56	(0.142)	---	0.0668
118		36.323	1.54	0.534	---	0.0347
119	86/87/97/108/119/125	32.327	1.55	(0.529)	---	0.134
120		---	---	ND	---	0.0223
121		---	---	ND	---	0.0223
122		---	---	ND	---	0.0223
123		---	---	ND	---	0.0223
124	107/124	---	---	ND	---	0.0445
125	86/87/97/108/119/125	32.327	1.55	(0.529)	---	0.134
126		---	---	ND	---	0.0223
127		---	---	ND	---	0.0223
128	128/166	40.750	1.27	0.242	---	0.0445
129	129/138/163	39.475	1.22	3.53	---	0.0668
130		38.821	1.31	0.153	---	0.0223
131		35.954	1.25	0.0234	---	0.0223
132		36.407	1.26	0.972	---	0.0223
133		36.943	1.25	0.0795	---	0.0223
134	134/143	35.317	1.28	0.167	---	0.0445
135	135/151	34.171	1.26	1.79	---	0.0445
136		31.673	1.27	0.527	---	0.0223
137		39.056	1.20	0.0681	---	0.0223
138	129/138/163	39.475	1.22	(3.53)	---	0.0668
139	139/140	---	---	ND	---	0.0445
140	139/140	---	---	ND	---	0.0445
141		38.419	1.26	0.798	---	0.0223
142		---	---	ND	---	0.0223
143	134/143	35.317	1.28	(0.167)	---	0.0445
144		34.758	1.26	0.184	---	0.0223

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam (Lab Dup)
Lab Sample ID	10682513002
Filename	Y240213A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0223
146		37.597	1.27	0.594	---	0.0223
147	147/149	35.132	1.25	3.68	---	0.0445
148		33.584	1.24	0.0247	---	0.0223
149	147/149	35.132	1.25	(3.68)	---	0.0445
150		31.337	1.24	0.0290	---	0.0223
151	135/151	34.171	1.26	(1.79)	---	0.0445
152		---	---	ND	---	0.0223
153	153/168	38.235	1.22	3.75	---	0.0445
154		34.473	1.20	0.101	---	0.0223
155		---	---	ND	---	0.0223
156	156/157	43.689	1.24	0.183	---	0.0445
157	156/157	43.689	1.24	(0.183)	---	0.0445
158		39.895	1.25	0.261	---	0.0223
159		41.744	1.43	0.0240	---	0.0223
160		---	---	ND	---	0.0223
161		---	---	ND	---	0.0223
162		---	---	ND	---	0.0223
163	129/138/163	39.475	1.22	(3.53)	---	0.0668
164		39.157	1.27	0.231	---	0.0223
165		---	---	ND	---	0.0223
166	128/166	40.750	1.27	(0.242)	---	0.0445
167		42.566	1.19	0.0976	---	0.0223
168	153/168	38.235	1.22	(3.75)	---	0.0445
169		---	---	ND	---	0.0223
170		46.356	1.05	1.39	---	0.0223
171	171/173	42.801	1.02	0.446	---	0.0445
172		44.444	1.02	0.273	---	0.0223
173	171/173	42.801	1.02	(0.446)	---	0.0445
174		41.711	1.02	1.65	---	0.0223
175		40.582	1.02	0.0619	---	0.0223
176		38.067	1.06	0.199	---	0.0223
177		42.164	1.03	0.992	---	0.0223
178		39.928	1.04	0.375	---	0.0223
179		37.161	1.03	0.751	---	0.0223
180	180/193	45.115	1.03	3.46	---	0.0445
181		---	---	ND	---	0.0223
182		---	---	ND	---	0.0223
183	183/185	41.493	1.05	1.10	---	0.0445
184		---	---	ND	---	0.0223
185	183/185	41.493	1.05	(1.10)	---	0.0445
186		---	---	ND	---	0.0223
187		40.850	1.05	1.85	---	0.0223
188		---	---	ND	---	0.0223
189		49.537	1.08	0.0519	---	0.0223
190		46.909	1.01	0.335	---	0.0223
191		45.450	1.03	0.0650	---	0.0223
192		---	---	ND	---	0.0223

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam (Lab Dup)
Lab Sample ID	10682513002
Filename	Y240213A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.115	1.03	(3.46)	---	0.0445
194		51.628	0.90	0.736	---	0.0223
195		49.257	0.92	0.330	---	0.0223
196		47.731	0.92	0.363	---	0.0223
197	197/200	44.226	0.88	0.0972	---	0.0445
198	198/199	47.077	0.92	0.798	---	0.0445
199	198/199	47.077	0.92	(0.798)	---	0.0445
200	197/200	44.226	0.88	(0.0972)	---	0.0445
201		43.220	0.88	0.0922	---	0.0223
202		42.281	0.92	0.151	---	0.0223
203		47.932	0.89	0.471	---	0.0223
204		---	---	ND	---	0.0223
205		52.102	0.85	0.0413	---	0.0223
206		53.826	0.78	0.170	---	0.0223
207		49.947	0.78	0.0225	---	0.0223
208		49.020	0.75	0.0341	---	0.0223
209		---	---	ND	---	0.0223

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Woods Pond Dam (Lab Dup)
Lab Sample ID	10682513002
Filename	Y240213A_05

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.110
Total Dichloro Biphenyls	2.55
Total Trichloro Biphenyls	2.19
Total Tetrachloro Biphenyls	7.50
Total Pentachloro Biphenyls	7.87
Total Hexachloro Biphenyls	17.5
Total Heptachloro Biphenyls	13.0
Total Octachloro Biphenyls	3.08
Total Nonachloro Biphenyls	0.227
DecachloroBiphenyls	ND
Total PCBs	54.0

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Pomeroy Avenue Bridge		
Lab Sample ID	10682513003		
Filename	Y240213A_06		
Injected By	CVS		
Total Amount Extracted	1850 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	01/26/2024 13:00
ICAL ID	Y240213A02	Received	01/30/2024 08:50
CCal Filename(s)	Y240213A_01	Extracted	02/06/2024 13:45
Method Blank ID	BLANK-110903	Analyzed	02/13/2024 05:56

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.108	2.94	2.0	1.35	67
13C-4-MoCB	3	11.684	3.02	2.0	1.57	78
13C-2,2'-DiCB	4	11.971	1.55	2.0	1.57	78
13C-4,4'-DiCB	15	18.714	1.55	2.0	1.76	88
13C-2,2',6-TrCB	19	15.563	1.02	2.0	1.88	94
13C-3,4,4'-TrCB	37	26.298	1.04	2.0	1.44	72
13C-2,2',6,6'-TeCB	54	19.021	0.81	2.0	1.50	75
13C-3,4,4',5-TeCB	81	33.345	0.79	2.0	1.74	87
13C-3,3',4,4'-TeCB	77	33.898	0.77	2.0	1.78	89
13C-2,2',4,6,6'-PeCB	104	24.973	1.59	2.0	1.68	84
13C-2,3,3',4,4'-PeCB	105	37.474	1.57	2.0	1.66	83
13C-2,3,4,4',5-PeCB	114	36.837	1.57	2.0	1.64	82
13C-2,3',4,4',5-PeCB	118	36.284	1.55	2.0	1.57	79
13C-2,3',4,4',5'-PeCB	123	35.949	1.63	2.0	1.55	77
13C-3,3',4,4',5-PeCB	126	40.626	1.57	2.0	1.69	84
13C-2,2',4,4',6,6'-HxCB	155	30.947	1.29	2.0	1.73	87
13C-HxCB(156/157)	156/157	43.683	1.32	4.0	3.15	79
13C-2,3',4,4',5,5'-HxCB	167	42.526	1.27	2.0	1.66	83
13C-3,3',4,4',5,5'-HxCB	169	46.952	1.30	2.0	1.57	78
13C-2,2',3,4',5,6,6'-HpCB	188	36.804	1.06	2.0	1.86	93
13C-2,3,3',4,4',5,5'-HpCB	189	49.482	1.06	2.0	1.76	88
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.241	0.90	2.0	2.06	103
13C-2,3,3',4,4',5,5',6-OcCB	205	52.068	0.89	2.0	1.77	88
13C-2,2',3,3',4,4',5,5',6-NoCB	206	53.792	0.81	2.0	1.77	89
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	48.986	0.80	2.0	1.84	92
13C-DeCB	209	55.387	0.69	2.0	1.52	76
Cleanup Standards						
13C-2,4,4'-TrCB	28	22.022	1.04	2.0	1.39	69
13C-2,3,3',5,5'-PeCB	111	33.948	1.58	2.0	1.69	84
13C-2,2',3,3',5,5',6-HpCB	178	39.905	1.05	2.0	1.60	80
Recovery Standards						
13C-2,5-DiCB	9	14.281	1.47	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	23.984	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.182	1.60	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.453	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.594	0.89	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Pomeroy Avenue Bridge
Lab Sample ID	10682513003
Filename	Y240213A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.120	3.14	0.105	---	0.0216
2		---	---	ND	---	0.0216
3		---	---	ND	---	0.0216
4		11.983	1.59	1.02	---	0.0216
5		---	---	ND	---	0.0216
6		14.760	1.52	0.0334	---	0.0216
7		---	---	ND	---	0.0216
8		15.264	1.45	0.0436 U	---	0.0216
9		---	---	ND	---	0.0216
10		12.199	1.51	0.0454	---	0.0216
11		---	---	ND	---	0.212
12	12/13	---	---	ND	---	0.0432
13	12/13	---	---	ND	---	0.0432
14		---	---	ND	---	0.0216
15		---	---	ND	---	0.0285
16		---	---	ND	---	0.0216
17		18.175	1.04	0.0817	---	0.0216
18	18/30	17.696	1.05	0.0691	---	0.0432
19		15.587	1.02	0.239	---	0.0216
20	20/28	---	---	ND	---	0.111
21	21/33	---	---	ND	---	0.117
22		---	---	ND	---	0.0821
23		---	---	ND	---	0.0216
24		---	---	ND	---	0.0216
25		---	---	ND	---	0.0216
26	26/29	---	---	ND	---	0.0432
27		18.403	0.99	0.0700	---	0.0216
28	20/28	---	---	ND	---	0.111
29	26/29	---	---	ND	---	0.0432
30	18/30	17.696	1.05	(0.0691)	---	0.0432
31		---	---	ND	---	0.112
32		19.256	1.06	0.0368	---	0.0216
33	21/33	---	---	ND	---	0.117
34		---	---	ND	---	0.0216
35		---	---	ND	---	0.0216
36		---	---	ND	---	0.0216
37		---	---	ND	---	0.0458
38		---	---	ND	---	0.0216
39		---	---	ND	---	0.0216
40	40/41/71	---	---	ND	---	0.0648
41	40/41/71	---	---	ND	---	0.0648
42		---	---	ND	---	0.0216
43	43/73	---	---	ND	---	0.0432
44	44/47/65	25.107	0.77	0.122	---	0.0648
45	45/51	22.223	0.79	0.0719	---	0.0432
46		---	---	ND	---	0.0216
47	44/47/65	25.107	0.77	(0.122)	---	0.0648
48		---	---	ND	---	0.0216

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Pomeroy Avenue Bridge
Lab Sample ID	10682513003
Filename	Y240213A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	24.520	0.79	0.0945	---	0.0432
50	50/53	21.419	0.80	0.0746	---	0.0432
51	45/51	22.223	0.79	(0.0719)	---	0.0432
52		24.001	0.76	0.146	---	0.111
53	50/53	21.419	0.80	(0.0746)	---	0.0432
54		---	---	ND	---	0.0216
55		---	---	ND	---	0.0216
56		---	---	ND	---	0.0216
57		---	---	ND	---	0.0216
58		---	---	ND	---	0.0216
59	59/62/75	---	---	ND	---	0.0648
60		---	---	ND	---	0.0216
61	61/70/74/76	---	---	ND	---	0.0864
62	59/62/75	---	---	ND	---	0.0648
63		---	---	ND	---	0.0216
64		---	---	ND	---	0.0216
65	44/47/65	25.107	0.77	(0.122)	---	0.0648
66		---	---	ND	---	0.0510
67		---	---	ND	---	0.0216
68		---	---	ND	---	0.0216
69	49/69	24.520	0.79	(0.0945)	---	0.0432
70	61/70/74/76	---	---	ND	---	0.0864
71	40/41/71	---	---	ND	---	0.0648
72		---	---	ND	---	0.0216
73	43/73	---	---	ND	---	0.0432
74	61/70/74/76	---	---	ND	---	0.0864
75	59/62/75	---	---	ND	---	0.0648
76	61/70/74/76	---	---	ND	---	0.0864
77		---	---	ND	---	0.0216
78		---	---	ND	---	0.0216
79		---	---	ND	---	0.0216
80		---	---	ND	---	0.0216
81		---	---	ND	---	0.0216
82		---	---	ND	---	0.0216
83		---	---	ND	---	0.0216
84		29.237	1.59	0.0224	---	0.0216
85	85/116/117	---	---	ND	---	0.0648
86	86/87/97/108/119/125	---	---	ND	---	0.130
87	86/87/97/108/119/125	---	---	ND	---	0.130
88	88/91	---	---	ND	---	0.0432
89		---	---	ND	---	0.0216
90	90/101/113	31.198	1.54	0.149 U	---	0.0648
91	88/91	---	---	ND	---	0.0432
92		30.595	1.49	0.0272	---	0.0216
93	93/98/100/102	---	---	ND	---	0.0864
94		---	---	ND	---	0.0216
95		28.114	1.46	0.133 U	---	0.0605
96		---	---	ND	---	0.0216

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Pomeroy Avenue Bridge
Lab Sample ID	10682513003
Filename	Y240213A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.130
98	93/98/100/102	---	---	ND	---	0.0864
99		31.802	1.51	0.0484 U	---	0.0216
100	93/98/100/102	---	---	ND	---	0.0864
101	90/101/113	31.198	1.54	(0.149) U	---	0.0648
102	93/98/100/102	---	---	ND	---	0.0864
103		---	---	ND	---	0.0216
104		---	---	ND	---	0.0216
105		37.508	1.67	0.0310	---	0.0216
106		---	---	ND	---	0.0216
107	107/124	---	---	ND	---	0.0432
108	86/87/97/108/119/125	---	---	ND	---	0.130
109		---	---	ND	---	0.0216
110	110/115	33.227	1.57	0.133 U	---	0.0432
111		---	---	ND	---	0.0216
112		---	---	ND	---	0.0216
113	90/101/113	31.198	1.54	(0.149) U	---	0.0648
114		---	---	ND	---	0.0216
115	110/115	33.227	1.57	(0.133) U	---	0.0432
116	85/116/117	---	---	ND	---	0.0648
117	85/116/117	---	---	ND	---	0.0648
118		36.318	1.50	0.0743 U	---	0.0337
119	86/87/97/108/119/125	---	---	ND	---	0.130
120		---	---	ND	---	0.0216
121		---	---	ND	---	0.0216
122		---	---	ND	---	0.0216
123		---	---	ND	---	0.0216
124	107/124	---	---	ND	---	0.0432
125	86/87/97/108/119/125	---	---	ND	---	0.130
126		---	---	ND	---	0.0216
127		---	---	ND	---	0.0216
128	128/166	---	---	ND	---	0.0432
129	129/138/163	39.486	1.22	0.430	---	0.0648
130		---	---	ND	---	0.0216
131		---	---	ND	---	0.0216
132		36.384	1.19	0.0982	---	0.0216
133		---	---	ND	---	0.0216
134	134/143	---	---	ND	---	0.0432
135	135/151	34.166	1.26	0.150	---	0.0432
136		31.668	1.25	0.0440	---	0.0216
137		---	---	ND	---	0.0216
138	129/138/163	39.486	1.22	(0.430)	---	0.0648
139	139/140	---	---	ND	---	0.0432
140	139/140	---	---	ND	---	0.0432
141		38.413	1.23	0.0823	---	0.0216
142		---	---	ND	---	0.0216
143	134/143	---	---	ND	---	0.0432
144		---	---	ND	---	0.0216

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Pomeroy Avenue Bridge
Lab Sample ID 10682513003
Filename Y240213A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0216
146		37.609	1.18	0.0572	---	0.0216
147	147/149	35.110	1.23	0.311	---	0.0432
148		---	---	ND	---	0.0216
149	147/149	35.110	1.23	(0.311)	---	0.0432
150		---	---	ND	---	0.0216
151	135/151	34.166	1.26	(0.150)	---	0.0432
152		---	---	ND	---	0.0216
153	153/168	38.212	1.25	0.404	---	0.0432
154		---	---	ND	---	0.0216
155		---	---	ND	---	0.0216
156	156/157	---	---	ND	---	0.0432
157	156/157	---	---	ND	---	0.0432
158		39.872	1.33	0.0319	---	0.0216
159		---	---	ND	---	0.0216
160		---	---	ND	---	0.0216
161		---	---	ND	---	0.0216
162		---	---	ND	---	0.0216
163	129/138/163	39.486	1.22	(0.430)	---	0.0648
164		39.151	1.32	0.0275	---	0.0216
165		---	---	ND	---	0.0216
166	128/166	---	---	ND	---	0.0432
167		---	---	ND	---	0.0216
168	153/168	38.212	1.25	(0.404)	---	0.0432
169		---	---	ND	---	0.0216
170		46.349	1.04	0.174	---	0.0216
171	171/173	42.794	0.97	0.0503	---	0.0432
172		44.437	0.98	0.0308	---	0.0216
173	171/173	42.794	0.97	(0.0503)	---	0.0432
174		41.705	1.01	0.171	---	0.0216
175		---	---	ND	---	0.0216
176		---	---	ND	---	0.0216
177		42.157	1.03	0.109	---	0.0216
178		39.939	1.08	0.0361	---	0.0216
179		37.156	1.04	0.0673	---	0.0216
180	180/193	45.091	1.01	0.393	---	0.0432
181		---	---	ND	---	0.0216
182		---	---	ND	---	0.0216
183	183/185	41.487	1.01	0.117	---	0.0432
184		---	---	ND	---	0.0216
185	183/185	41.487	1.01	(0.117)	---	0.0432
186		---	---	ND	---	0.0216
187		40.844	1.03	0.195	---	0.0216
188		---	---	ND	---	0.0216
189		---	---	ND	---	0.0216
190		46.902	1.03	0.0421	---	0.0216
191		---	---	ND	---	0.0216
192		---	---	ND	---	0.0216

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Pomeroy Avenue Bridge
Lab Sample ID 10682513003
Filename Y240213A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.091	1.01	(0.393)	---	0.0432
194		51.615	0.89	0.0852	---	0.0216
195		49.245	0.81	0.0360	---	0.0216
196		47.724	0.91	0.0393	---	0.0216
197	197/200	---	---	ND	---	0.0432
198	198/199	47.053	0.91	0.0893	---	0.0432
199	198/199	47.053	0.91	(0.0893)	---	0.0432
200	197/200	---	---	ND	---	0.0432
201		---	---	ND	---	0.0216
202		---	---	ND	---	0.0216
203		47.925	0.91	0.0497	---	0.0216
204		---	---	ND	---	0.0216
205		---	---	ND	---	0.0216
206		53.835	0.81	0.0231	---	0.0216
207		---	---	ND	---	0.0216
208		---	---	ND	---	0.0216
209		---	---	ND	---	0.0216

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Pomeroy Avenue Bridge
Lab Sample ID	10682513003
Filename	Y240213A_06

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.105
Total Dichloro Biphenyls	1.14
Total Trichloro Biphenyls	0.496
Total Tetrachloro Biphenyls	0.509
Total Pentachloro Biphenyls	0.618
Total Hexachloro Biphenyls	1.64
Total Heptachloro Biphenyls	1.39
Total Octachloro Biphenyls	0.300
Total Nonachloro Biphenyls	0.0231
DecachloroBiphenyls	ND
Total PCBs	6.22

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO# : 10682774

10682774

LAB USE ONLY

Report No: 10682774

Page 5 of 5

Company: Arcadis	Billing Information: accountspayable, administration @ arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146.3000 Housatonic River BMP	State: MA / County/City: Pittsfield / Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET
Phone: 315-671-9374 / Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): Pamela T. Rabasco	Turnaround Date Required: Standard / Immediately Packed on Ice: [✓] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ____ [ ] Hold: ____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: ____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: PCB 1668	Lab Sample # / Comments
Shepaug Dam	WT		01/30/24	15:30				4	X	01
Near Pittsfield WWTP	WT		1/31/24	15:30				4	X	02

Container: 4

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ____

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: ____	
Sample pH Acceptable	Y N NA
pH Strips: ____	
Sulfide Present	Y N NA
Lead Acetate Strips: ____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2942774

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: T9
Cooler 1 Temp Upon Receipt: 4.2 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 4.1 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Pamela T. Rabasco / Arcadis	01/31/24 17:30	Anthony Howard Pace	2-1-24 8:45
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Shepaug Dam		
Lab Sample ID	10682774001		
Filename	Y240213A_07		
Injected By	CVS		
Total Amount Extracted	1880 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	01/30/2024 15:30
ICAL ID	Y240213A02	Received	02/01/2024 08:45
CCal Filename(s)	Y240213A_01	Extracted	02/06/2024 13:45
Method Blank ID	BLANK-110903	Analyzed	02/13/2024 06:55

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.144	3.06	2.0	1.08	54
13C-4-MoCB	3	11.708	3.08	2.0	1.32	66
13C-2,2'-DiCB	4	11.984	1.57	2.0	1.33	66
13C-4,4'-DiCB	15	18.715	1.52	2.0	1.45	73
13C-2,2',6-TrCB	19	15.576	1.04	2.0	1.63	82
13C-3,4,4'-TrCB	37	26.283	1.03	2.0	1.32	66
13C-2,2',6,6'-TeCB	54	19.022	0.77	2.0	1.33	66
13C-3,4,4',5-TeCB	81	33.331	0.76	2.0	1.47	74
13C-3,3',4,4'-TeCB	77	33.901	0.78	2.0	1.51	76
13C-2,2',4,6,6'-PeCB	104	24.975	1.61	2.0	1.55	78
13C-2,3,3',4,4'-PeCB	105	37.478	1.55	2.0	1.51	76
13C-2,3,4,4',5-PeCB	114	36.824	1.59	2.0	1.44	72
13C-2,3',4,4',5-PeCB	118	36.287	1.57	2.0	1.42	71
13C-2,3',4,4',5'-PeCB	123	35.952	1.60	2.0	1.46	73
13C-3,3',4,4',5-PeCB	126	40.630	1.60	2.0	1.47	73
13C-2,2',4,4',6,6'-HxCB	155	30.950	1.31	2.0	1.48	74
13C-HxCB(156/157)	156/157	43.670	1.29	4.0	2.77	69
13C-2,3',4,4',5,5'-HxCB	167	42.513	1.27	2.0	1.38	69
13C-3,3',4,4',5,5'-HxCB	169	46.957	1.23	2.0	1.32	66
13C-2,2',3,4',5,6,6'-HpCB	188	36.807	1.03	2.0	1.65	82
13C-2,3,3',4,4',5,5'-HpCB	189	49.491	1.07	2.0	1.56	78
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.245	0.87	2.0	1.82	91
13C-2,3,3',4,4',5,5',6-OcCB	205	52.056	0.91	2.0	1.58	79
13C-2,2',3,3',4,4',5,5',6-NoCB	206	53.780	0.81	2.0	1.64	82
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	48.974	0.80	2.0	1.84	92
13C-DeCB	209	55.375	0.71	2.0	1.41	71
CleanupStandards						
13C-2,4,4'-TrCB	28	22.024	1.04	2.0	1.25	63
13C-2,3,3',5,5'-PeCB	111	33.951	1.59	2.0	1.52	76
13C-2,2',3,3',5,5',6-HpCB	178	39.909	1.08	2.0	1.44	72
Recovery Standards						
13C-2,5-DiCB	9	14.294	1.52	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	23.969	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.168	1.62	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.439	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.582	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10682774001
Filename	Y240213A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0213
2		---	---	ND	---	0.0213
3		---	---	ND	---	0.0213
4		12.008	1.46	0.126 U	---	0.0213
5		---	---	ND	---	0.0213
6		---	---	ND	---	0.0213
7		---	---	ND	---	0.0213
8		---	---	ND	---	0.0213
9		---	---	ND	---	0.0213
10		---	---	ND	---	0.0213
11		---	---	ND	---	0.209
12	12/13	---	---	ND	---	0.0426
13	12/13	---	---	ND	---	0.0426
14		---	---	ND	---	0.0213
15		---	---	ND	---	0.0281
16		---	---	ND	---	0.0213
17		---	---	ND	---	0.0213
18	18/30	---	---	ND	---	0.0426
19		15.600	1.05	0.0576	---	0.0213
20	20/28	---	---	ND	---	0.110
21	21/33	---	---	ND	---	0.115
22		---	---	ND	---	0.0809
23		---	---	ND	---	0.0213
24		---	---	ND	---	0.0213
25		---	---	ND	---	0.0213
26	26/29	---	---	ND	---	0.0426
27		---	---	ND	---	0.0213
28	20/28	---	---	ND	---	0.110
29	26/29	---	---	ND	---	0.0426
30	18/30	---	---	ND	---	0.0426
31		---	---	ND	---	0.111
32		---	---	ND	---	0.0213
33	21/33	---	---	ND	---	0.115
34		---	---	ND	---	0.0213
35		---	---	ND	---	0.0213
36		---	---	ND	---	0.0213
37		---	---	ND	---	0.0451
38		---	---	ND	---	0.0213
39		---	---	ND	---	0.0213
40	40/41/71	---	---	ND	---	0.0639
41	40/41/71	---	---	ND	---	0.0639
42		---	---	ND	---	0.0213
43	43/73	---	---	ND	---	0.0426
44	44/47/65	25.109	0.79	0.178	---	0.0639
45	45/51	22.225	0.78	0.0697	---	0.0426
46		---	---	ND	---	0.0213
47	44/47/65	25.109	0.79	(0.178)	---	0.0639
48		---	---	ND	---	0.0213

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10682774001
Filename	Y240213A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	24.522	0.79	0.0985	---	0.0426
50	50/53	21.403	0.78	0.0577	---	0.0426
51	45/51	22.225	0.78	(0.0697)	---	0.0426
52		---	---	ND	---	0.110
53	50/53	21.403	0.78	(0.0577)	---	0.0426
54		---	---	ND	---	0.0213
55		---	---	ND	---	0.0213
56		---	---	ND	---	0.0213
57		---	---	ND	---	0.0213
58		---	---	ND	---	0.0213
59	59/62/75	---	---	ND	---	0.0639
60		---	---	ND	---	0.0213
61	61/70/74/76	---	---	ND	---	0.0852
62	59/62/75	---	---	ND	---	0.0639
63		---	---	ND	---	0.0213
64		---	---	ND	---	0.0213
65	44/47/65	25.109	0.79	(0.178)	---	0.0639
66		---	---	ND	---	0.0503
67		---	---	ND	---	0.0213
68		---	---	ND	---	0.0213
69	49/69	24.522	0.79	(0.0985)	---	0.0426
70	61/70/74/76	---	---	ND	---	0.0852
71	40/41/71	---	---	ND	---	0.0639
72		---	---	ND	---	0.0213
73	43/73	---	---	ND	---	0.0426
74	61/70/74/76	---	---	ND	---	0.0852
75	59/62/75	---	---	ND	---	0.0639
76	61/70/74/76	---	---	ND	---	0.0852
77		---	---	ND	---	0.0213
78		---	---	ND	---	0.0213
79		---	---	ND	---	0.0213
80		---	---	ND	---	0.0213
81		---	---	ND	---	0.0213
82		---	---	ND	---	0.0213
83		---	---	ND	---	0.0213
84		29.239	1.49	0.0257	---	0.0213
85	85/116/117	---	---	ND	---	0.0639
86	86/87/97/108/119/125	---	---	ND	---	0.128
87	86/87/97/108/119/125	---	---	ND	---	0.128
88	88/91	---	---	ND	---	0.0426
89		---	---	ND	---	0.0213
90	90/101/113	31.201	1.61	0.177 U	---	0.0639
91	88/91	---	---	ND	---	0.0426
92		30.598	1.67	0.0449	---	0.0213
93	93/98/100/102	---	---	ND	---	0.0852
94		---	---	ND	---	0.0213
95		28.116	1.50	0.124 U	---	0.0596
96		---	---	ND	---	0.0213

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10682774001
Filename	Y240213A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND		---	0.128
98	93/98/100/102	---	---	ND		---	0.0852
99		31.805	1.51	0.0854	U	---	0.0213
100	93/98/100/102	---	---	ND		---	0.0852
101	90/101/113	31.201	1.61	(0.177)	U	---	0.0639
102	93/98/100/102	---	---	ND		---	0.0852
103		---	---	ND		---	0.0213
104		---	---	ND		---	0.0213
105		37.494	1.54	0.0418		---	0.0213
106		---	---	ND		---	0.0213
107	107/124	---	---	ND		---	0.0426
108	86/87/97/108/119/125	---	---	ND		---	0.128
109		---	---	ND		---	0.0213
110	110/115	33.213	1.54	0.186	U	---	0.0426
111		---	---	ND		---	0.0213
112		---	---	ND		---	0.0213
113	90/101/113	31.201	1.61	(0.177)	U	---	0.0639
114		---	---	ND		---	0.0213
115	110/115	33.213	1.54	(0.186)	U	---	0.0426
116	85/116/117	---	---	ND		---	0.0639
117	85/116/117	---	---	ND		---	0.0639
118		36.321	1.52	0.109	U	---	0.0332
119	86/87/97/108/119/125	---	---	ND		---	0.128
120		---	---	ND		---	0.0213
121		---	---	ND		---	0.0213
122		---	---	ND		---	0.0213
123		---	---	ND		---	0.0213
124	107/124	---	---	ND		---	0.0426
125	86/87/97/108/119/125	---	---	ND		---	0.128
126		---	---	ND		---	0.0213
127		---	---	ND		---	0.0213
128	128/166	---	---	ND		---	0.0426
129	129/138/163	39.473	1.24	0.410		---	0.0639
130		---	---	ND		---	0.0213
131		---	---	ND		---	0.0213
132		36.388	1.18	0.102		---	0.0213
133		---	---	ND		---	0.0213
134	134/143	---	---	ND		---	0.0426
135	135/151	34.152	1.21	0.165		---	0.0426
136		31.671	1.25	0.0468		---	0.0213
137		---	---	ND		---	0.0213
138	129/138/163	39.473	1.24	(0.410)		---	0.0639
139	139/140	---	---	ND		---	0.0426
140	139/140	---	---	ND		---	0.0426
141		38.400	1.27	0.0716		---	0.0213
142		---	---	ND		---	0.0213
143	134/143	---	---	ND		---	0.0426
144		---	---	ND		---	0.0213

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10682774001
Filename	Y240213A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0213
146		37.595	1.28	0.0692	---	0.0213
147	147/149	35.113	1.23	0.335	---	0.0426
148		---	---	ND	---	0.0213
149	147/149	35.113	1.23	(0.335)	---	0.0426
150		---	---	ND	---	0.0213
151	135/151	34.152	1.21	(0.165)	---	0.0426
152		---	---	ND	---	0.0213
153	153/168	38.215	1.22	0.390	---	0.0426
154		---	---	ND	---	0.0213
155		---	---	ND	---	0.0213
156	156/157	---	---	ND	---	0.0426
157	156/157	---	---	ND	---	0.0426
158		39.875	1.22	0.0302	---	0.0213
159		---	---	ND	---	0.0213
160		---	---	ND	---	0.0213
161		---	---	ND	---	0.0213
162		---	---	ND	---	0.0213
163	129/138/163	39.473	1.24	(0.410)	---	0.0639
164		39.154	1.19	0.0291	---	0.0213
165		---	---	ND	---	0.0213
166	128/166	---	---	ND	---	0.0426
167		---	---	ND	---	0.0213
168	153/168	38.215	1.22	(0.390)	---	0.0426
169		---	---	ND	---	0.0213
170		46.353	1.00	0.134	---	0.0213
171	171/173	---	---	ND	---	0.0426
172		44.442	1.05	0.0278	---	0.0213
173	171/173	---	---	ND	---	0.0426
174		41.692	1.09	0.149	---	0.0213
175		---	---	ND	---	0.0213
176		---	---	ND	---	0.0213
177		42.144	1.02	0.0940	---	0.0213
178		39.926	1.07	0.0380	---	0.0213
179		37.143	1.00	0.0641	---	0.0213
180	180/193	45.096	1.01	0.309	---	0.0426
181		---	---	ND	---	0.0213
182		---	---	ND	---	0.0213
183	183/185	41.474	0.97	0.100	---	0.0426
184		---	---	ND	---	0.0213
185	183/185	41.474	0.97	(0.100)	---	0.0426
186		---	---	ND	---	0.0213
187		40.848	1.03	0.177	---	0.0213
188		---	---	ND	---	0.0213
189		---	---	ND	---	0.0213
190		46.890	1.00	0.0316	---	0.0213
191		---	---	ND	---	0.0213
192		---	---	ND	---	0.0213

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10682774001
Filename	Y240213A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.096	1.01	(0.309)	---	0.0426
194		51.604	0.89	0.0678	---	0.0213
195		49.254	0.86	0.0316	---	0.0213
196		47.711	0.90	0.0328	---	0.0213
197	197/200	---	---	ND	---	0.0426
198	198/199	47.057	0.93	0.0762	---	0.0426
199	198/199	47.057	0.93	(0.0762)	---	0.0426
200	197/200	---	---	ND	---	0.0426
201		---	---	ND	---	0.0213
202		---	---	ND	---	0.0213
203		47.946	0.97	0.0443	---	0.0213
204		---	---	ND	---	0.0213
205		---	---	ND	---	0.0213
206		---	---	ND	---	0.0213
207		---	---	ND	---	0.0213
208		---	---	ND	---	0.0213
209		---	---	ND	---	0.0213

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10682774001
Filename	Y240213A_07

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.126
Total Trichloro Biphenyls	0.0576
Total Tetrachloro Biphenyls	0.403
Total Pentachloro Biphenyls	0.793
Total Hexachloro Biphenyls	1.65
Total Heptachloro Biphenyls	1.12
Total Octachloro Biphenyls	0.253
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	4.41

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Near Pittsfield WWTP		
Lab Sample ID	10682774002		
Filename	Y240213A_08		
Injected By	CVS		
Total Amount Extracted	1850 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	01/31/2024 15:30
ICAL ID	Y240213A02	Received	02/01/2024 08:45
CCal Filename(s)	Y240213A_01	Extracted	02/06/2024 13:45
Method Blank ID	BLANK-110903	Analyzed	02/13/2024 07:54

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.060	3.08	2.0	1.15	58
13C-4-MoCB	3	11.660	3.08	2.0	1.34	67
13C-2,2'-DiCB	4	11.935	1.57	2.0	1.39	69
13C-4,4'-DiCB	15	18.690	1.53	2.0	1.41	70
13C-2,2',6-TrCB	19	15.539	1.06	2.0	1.60	80
13C-3,4,4'-TrCB	37	26.282	1.03	2.0	1.37	68
13C-2,2',6,6'-TeCB	54	19.004	0.79	2.0	1.37	69
13C-3,4,4',5-TeCB	81	33.329	0.75	2.0	1.52	76
13C-3,3',4,4'-TeCB	77	33.900	0.77	2.0	1.57	79
13C-2,2',4,6,6'-PeCB	104	24.974	1.61	2.0	1.52	76
13C-2,3,3',4,4'-PeCB	105	37.476	1.59	2.0	1.47	74
13C-2,3,4,4',5-PeCB	114	36.822	1.63	2.0	1.39	70
13C-2,3',4,4',5-PeCB	118	36.286	1.60	2.0	1.41	70
13C-2,3',4,4',5'-PeCB	123	35.950	1.57	2.0	1.40	70
13C-3,3',4,4',5-PeCB	126	40.629	1.57	2.0	1.43	71
13C-2,2',4,4',6,6'-HxCB	155	30.948	1.27	2.0	1.51	75
13C-HxCB(156/157)	156/157	43.686	1.29	4.0	2.77	69
13C-2,3',4,4',5,5'-HxCB	167	42.512	1.27	2.0	1.41	70
13C-3,3',4,4',5,5'-HxCB	169	46.955	1.26	2.0	1.39	69
13C-2,2',3,4',5,6,6'-HpCB	188	36.806	1.04	2.0	1.69	84
13C-2,3,3',4,4',5,5'-HpCB	189	49.507	1.08	2.0	1.58	79
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.244	0.88	2.0	1.89	94
13C-2,3,3',4,4',5,5',6-OcCB	205	52.071	0.88	2.0	1.63	82
13C-2,2',3,3',4,4',5,5',6-NoCB	206	53.796	0.80	2.0	1.67	83
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	48.968	0.77	2.0	1.82	91
13C-DeCB	209	55.390	0.70	2.0	1.47	74
CleanupStandards						
13C-2,4,4'-TrCB	28	22.022	1.04	2.0	1.28	64
13C-2,3,3',5,5'-PeCB	111	33.950	1.59	2.0	1.46	73
13C-2,2',3,3',5,5',6-HpCB	178	39.891	1.05	2.0	1.48	74
Recovery Standards						
13C-2,5-DiCB	9	14.257	1.55	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	23.968	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.183	1.63	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.455	1.29	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.597	0.88	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10682774002
Filename	Y240213A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.084	3.06	0.174	---	0.0216
2		---	---	ND	---	0.0216
3		---	---	ND	---	0.0216
4		11.959	1.57	2.11	---	0.0216
5		---	---	ND	---	0.0216
6		14.736	1.56	0.0575	---	0.0216
7		---	---	ND	---	0.0216
8		15.252	1.49	0.0677 U	---	0.0216
9		---	---	ND	---	0.0216
10		12.163	1.50	0.0692	---	0.0216
11		---	---	ND	---	0.212
12	12/13	---	---	ND	---	0.0433
13	12/13	---	---	ND	---	0.0433
14		---	---	ND	---	0.0216
15		18.726	1.46	0.0518	---	0.0286
16		---	---	ND	---	0.0216
17		18.151	1.04	0.177	---	0.0216
18	18/30	17.684	1.04	0.109	---	0.0433
19		15.563	1.03	0.914	---	0.0216
20	20/28	---	---	ND	---	0.112
21	21/33	---	---	ND	---	0.117
22		---	---	ND	---	0.0822
23		---	---	ND	---	0.0216
24		---	---	ND	---	0.0216
25		21.385	1.00	0.0544	---	0.0216
26	26/29	21.117	1.06	0.0902	---	0.0433
27		18.378	1.06	0.157	---	0.0216
28	20/28	---	---	ND	---	0.112
29	26/29	21.117	1.06	(0.0902)	---	0.0433
30	18/30	17.684	1.04	(0.109)	---	0.0433
31		---	---	ND	---	0.113
32		19.239	1.02	0.126	---	0.0216
33	21/33	---	---	ND	---	0.117
34		---	---	ND	---	0.0216
35		---	---	ND	---	0.0216
36		---	---	ND	---	0.0216
37		---	---	ND	---	0.0459
38		---	---	ND	---	0.0216
39		---	---	ND	---	0.0216
40	40/41/71	26.131	0.79	0.114	---	0.0649
41	40/41/71	26.131	0.79	(0.114)	---	0.0649
42		25.594	0.77	0.0477	---	0.0216
43	43/73	---	---	ND	---	0.0433
44	44/47/65	25.108	0.76	1.01	---	0.0649
45	45/51	22.207	0.77	0.615	---	0.0433
46		22.458	0.74	0.0312	---	0.0216
47	44/47/65	25.108	0.76	(1.01)	---	0.0649
48		---	---	ND	---	0.0216

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10682774002
Filename	Y240213A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	24.521	0.78	0.693	---	0.0433
50	50/53	21.402	0.74	0.486	---	0.0433
51	45/51	22.207	0.77	(0.615)	---	0.0433
52		24.001	0.77	0.729	---	0.112
53	50/53	21.402	0.74	(0.486)	---	0.0433
54		19.038	0.76	0.187	---	0.0216
55		---	---	ND	---	0.0216
56		---	---	ND	---	0.0216
57		---	---	ND	---	0.0216
58		---	---	ND	---	0.0216
59	59/62/75	---	---	ND	---	0.0649
60		---	---	ND	---	0.0216
61	61/70/74/76	29.053	0.78	0.133	---	0.0866
62	59/62/75	---	---	ND	---	0.0649
63		---	---	ND	---	0.0216
64		26.365	0.75	0.0398	---	0.0216
65	44/47/65	25.108	0.76	(1.01)	---	0.0649
66		29.389	0.75	0.0923	---	0.0511
67		---	---	ND	---	0.0216
68		---	---	ND	---	0.0216
69	49/69	24.521	0.78	(0.693)	---	0.0433
70	61/70/74/76	29.053	0.78	(0.133)	---	0.0866
71	40/41/71	26.131	0.79	(0.114)	---	0.0649
72		---	---	ND	---	0.0216
73	43/73	---	---	ND	---	0.0433
74	61/70/74/76	29.053	0.78	(0.133)	---	0.0866
75	59/62/75	---	---	ND	---	0.0649
76	61/70/74/76	29.053	0.78	(0.133)	---	0.0866
77		---	---	ND	---	0.0216
78		---	---	ND	---	0.0216
79		---	---	ND	---	0.0216
80		---	---	ND	---	0.0216
81		---	---	ND	---	0.0216
82		33.531	1.68	0.0406	---	0.0216
83		31.669	1.53	0.0401	---	0.0216
84		29.238	1.57	0.128	---	0.0216
85	85/116/117	33.061	1.54	0.102	---	0.0649
86	86/87/97/108/119/125	32.390	1.60	0.411	---	0.130
87	86/87/97/108/119/125	32.390	1.60	(0.411)	---	0.130
88	88/91	29.037	1.50	0.242	---	0.0433
89		---	---	ND	---	0.0216
90	90/101/113	31.200	1.58	1.32	---	0.0649
91	88/91	29.037	1.50	(0.242)	---	0.0433
92		30.596	1.58	0.275	---	0.0216
93	93/98/100/102	28.366	1.55	0.217	---	0.0866
94		27.645	1.53	0.0396	---	0.0216
95		28.115	1.56	1.06	---	0.0606
96		25.359	1.53	0.0256	---	0.0216

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Near Pittsfield WWTP
Lab Sample ID 10682774002
Filename Y240213A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	32.390	1.60	(0.411)	---	0.130
98	93/98/100/102	28.366	1.55	(0.217)	---	0.0866
99		31.803	1.56	0.395	---	0.0216
100	93/98/100/102	28.366	1.55	(0.217)	---	0.0866
101	90/101/113	31.200	1.58	(1.32)	---	0.0649
102	93/98/100/102	28.366	1.55	(0.217)	---	0.0866
103		27.444	1.61	0.0779	---	0.0216
104		---	---	ND	---	0.0216
105		37.493	1.58	0.122	---	0.0216
106		---	---	ND	---	0.0216
107	107/124	---	---	ND	---	0.0433
108	86/87/97/108/119/125	32.390	1.60	(0.411)	---	0.130
109		35.867	1.62	0.0318	---	0.0216
110	110/115	33.212	1.56	0.983	---	0.0433
111		---	---	ND	---	0.0216
112		---	---	ND	---	0.0216
113	90/101/113	31.200	1.58	(1.32)	---	0.0649
114		---	---	ND	---	0.0216
115	110/115	33.212	1.56	(0.983)	---	0.0433
116	85/116/117	33.061	1.54	(0.102)	---	0.0649
117	85/116/117	33.061	1.54	(0.102)	---	0.0649
118		36.319	1.59	0.425	---	0.0338
119	86/87/97/108/119/125	32.390	1.60	(0.411)	---	0.130
120		---	---	ND	---	0.0216
121		---	---	ND	---	0.0216
122		---	---	ND	---	0.0216
123		---	---	ND	---	0.0216
124	107/124	---	---	ND	---	0.0433
125	86/87/97/108/119/125	32.390	1.60	(0.411)	---	0.130
126		---	---	ND	---	0.0216
127		---	---	ND	---	0.0216
128	128/166	40.746	1.27	0.165	---	0.0433
129	129/138/163	39.472	1.25	2.83	---	0.0649
130		38.818	1.20	0.0999	---	0.0216
131		---	---	ND	---	0.0216
132		36.386	1.24	0.763	---	0.0216
133		36.940	1.21	0.0509	---	0.0216
134	134/143	35.313	1.19	0.124	---	0.0433
135	135/151	34.168	1.24	1.41	---	0.0433
136		31.669	1.20	0.431	---	0.0216
137		39.036	1.28	0.0390	---	0.0216
138	129/138/163	39.472	1.25	(2.83)	---	0.0649
139	139/140	---	---	ND	---	0.0433
140	139/140	---	---	ND	---	0.0433
141		38.399	1.25	0.625	---	0.0216
142		---	---	ND	---	0.0216
143	134/143	35.313	1.19	(0.124)	---	0.0433
144		34.755	1.24	0.156	---	0.0216

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10682774002
Filename	Y240213A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0216
146		37.594	1.26	0.427	---	0.0216
147	147/149	35.112	1.24	2.82	---	0.0433
148		---	---	ND	---	0.0216
149	147/149	35.112	1.24	(2.82)	---	0.0433
150		---	---	ND	---	0.0216
151	135/151	34.168	1.24	(1.41)	---	0.0433
152		---	---	ND	---	0.0216
153	153/168	38.214	1.24	2.86	---	0.0433
154		34.453	1.25	0.0701	---	0.0216
155		---	---	ND	---	0.0216
156	156/157	43.686	1.22	0.148	---	0.0433
157	156/157	43.686	1.22	(0.148)	---	0.0433
158		39.874	1.26	0.207	---	0.0216
159		41.724	1.20	0.0231	---	0.0216
160		---	---	ND	---	0.0216
161		---	---	ND	---	0.0216
162		---	---	ND	---	0.0216
163	129/138/163	39.472	1.25	(2.83)	---	0.0649
164		39.153	1.27	0.188	---	0.0216
165		---	---	ND	---	0.0216
166	128/166	40.746	1.27	(0.165)	---	0.0433
167		42.546	1.27	0.0694	---	0.0216
168	153/168	38.214	1.24	(2.86)	---	0.0433
169		---	---	ND	---	0.0216
170		46.352	1.03	1.12	---	0.0216
171	171/173	42.780	1.02	0.348	---	0.0433
172		44.423	0.97	0.206	---	0.0216
173	171/173	42.780	1.02	(0.348)	---	0.0433
174		41.707	1.01	1.29	---	0.0216
175		40.562	0.98	0.0499	---	0.0216
176		38.063	1.04	0.162	---	0.0216
177		42.143	0.99	0.787	---	0.0216
178		39.924	1.06	0.303	---	0.0216
179		37.158	1.04	0.595	---	0.0216
180	180/193	45.094	1.03	2.78	---	0.0433
181		---	---	ND	---	0.0216
182		---	---	ND	---	0.0216
183	183/185	41.489	1.02	0.864	---	0.0433
184		---	---	ND	---	0.0216
185	183/185	41.489	1.02	(0.864)	---	0.0433
186		---	---	ND	---	0.0216
187		40.847	1.05	1.51	---	0.0216
188		---	---	ND	---	0.0216
189		49.528	1.09	0.0388	---	0.0216
190		46.905	1.04	0.267	---	0.0216
191		45.446	0.98	0.0492	---	0.0216
192		---	---	ND	---	0.0216

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10682774002
Filename	Y240213A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.094	1.03	(2.78)	---	0.0433
194		51.619	0.91	0.547	---	0.0216
195		49.248	0.87	0.255	---	0.0216
196		47.727	0.93	0.291	---	0.0216
197	197/200	44.206	0.96	0.0719	---	0.0433
198	198/199	47.056	0.90	0.647	---	0.0433
199	198/199	47.056	0.90	(0.647)	---	0.0433
200	197/200	44.206	0.96	(0.0719)	---	0.0433
201		43.199	0.88	0.0746	---	0.0216
202		42.261	0.90	0.116	---	0.0216
203		47.928	0.91	0.374	---	0.0216
204		---	---	ND	---	0.0216
205		52.093	0.97	0.0339	---	0.0216
206		53.817	0.76	0.138	---	0.0216
207		---	---	ND	---	0.0216
208		48.989	0.77	0.0278	---	0.0216
209		---	---	ND	---	0.0216

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10682774002
Filename	Y240213A_08

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.174
Total Dichloro Biphenyls	2.36
Total Trichloro Biphenyls	1.63
Total Tetrachloro Biphenyls	4.18
Total Pentachloro Biphenyls	5.93
Total Hexachloro Biphenyls	13.5
Total Heptachloro Biphenyls	10.4
Total Octachloro Biphenyls	2.41
Total Nonachloro Biphenyls	0.166
DecachloroBiphenyls	ND
Total PCBs	40.7

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company: Arcadis	Billing Information: accountspayable, administration @ arcadis.com
Address: 110 W. Fayette St, Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146.3000 Housatonic River BMP	State: MA / County/City: Pittsfield / Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET
Phone: 315-671-9374 Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): Paul J. Rabasco	Turnaround Date Required: Standard / Immediately Packed on Ice: [✓] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ____ [ ] Hold: ____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: ____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Preservative Type ** (U)	Analyses: TSS Low Level SM2540D *
Shepaug Dam	WT		01/30/24	15:30				1		X
Near Pittsfield WWTP	WT		01/31/24	15:30				1		X

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ____

Lab Project Manager:

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: ____			
Sample pH Acceptable	Y	N	NA
pH Strips: ____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: ____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:
* Please use entire sample for analysis.
Short Hold Time
Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2942775

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: ____
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Paul J. Rabasco / Arcadis	2/1/24 17:30		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River
Pace Project No.: 10682899

Sample: Shepaug Dam **Lab ID: 10682899001** Collected: 01/30/24 15:30 Received: 02/02/24 10:22 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**8.4**	mg/L	2.0	1		02/05/24 10:01		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River
Pace Project No.: 10682899

Sample: Near Pittsfield WWTP **Lab ID: 10682899002** Collected: 01/31/24 15:30 Received: 02/02/24 10:22 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**4.0**	mg/L	2.0	1		02/06/24 10:06		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

General Electric Company

Data Validation Report

Baseline Surface Water Monitoring
Housatonic River – Rest of River
Pittsfield, Massachusetts

Polychlorinated Biphenyl (PCB) Congeners and Total Suspended Solids (TSS) Analyses

SDGs # 10684056, 10684109, 10684246, and 10684289

Tier I Level Data Review

Analyses Performed By:
Pace Analytical Services, Inc,
Minneapolis, Minnesota
And
Pace Analytical Services, Melville, New York

Report # 58511R
Project: 30299972.3000

Table of Contents

1 Summary 1
1.1 Analytical Data Package Documentation 2
1.2 Data Validation Procedures 3
2 Polychlorinated Biphenyl Congener Analyses 5
2.1 Holding Times 5
2.2 Surrogates/System Monitoring Compounds 5
2.3 Field Duplicate Analysis 6
2.4 Compound Identification 8
2.5 Data Validation Checklist for PCB Congeners 8
3 General Chemistry Analyses 10
3.1 Holding Times 10
3.2 Field Duplicate Analysis 10
3.3 Data Validation Checklist for General Chemistry 10
4 Overall Data Usability 11

Tables

Table 1. Summary of Samples Subjected to Tier I Data Validation 1
Table 2. Evaluation of Data Package Completeness 2
Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation 4
Table 4. Holding Time for USEPA Method 1668C 5
Table 5. Surrogate Recoveries Outside Control Limits 5
Table 6. Surrogate Recovery Evaluation Criteria 5
Table 7. Summary of Field Duplicate Analysis 6
Table 8. Data Validation Checklist for Polychlorinated Biphenyls 8
Table 9. Specified Holding Time 10
Table 10. Summary of Field Duplicate Analysis 10
Table 11. Data Validation Checklist for General Chemistry 10
Table 12. Overall Summary of Data Usability 11

Appendices

Appendix A **Chain of Custody**

Appendix B **Annotated Sample Analysis Data Sheets**

1 Summary

This attachment summarizes the data validation review of Sample Delivery Groups (SDGs) 10684056, 10684109, 10684246, and 10684289 performed on behalf of the General Electric Company (GE) for surface water sampling activities conducted as part of the Baseline Monitoring at the GE-Pittsfield/Housatonic River Site. The review was conducted at a Tier I level and included review of data package completeness. Field documentation was not included in this review. Included with this assessment are the chain-of-custody forms (Appendix A) and the validation annotated sample analysis data sheets (Appendix B). Analyses were performed on the samples listed in Table 1.

Table 1. Summary of Samples Subjected to Tier I Data Validation

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
10684056	DERBY DAM	10684056001	Water	02/12/2024			X
	STEVENSON DAM	10684056002	Water	02/12/2024			X
	SHEPAUG DAM	10684056003	Water	02/12/2024			X
	RT. 202 BRIDGE	10684056004	Water	02/13/2024			X
	RT. 341 BRIDGE	10684056005	Water	02/13/2024			X
	CANAAN TOWN LINE BRIDGE	10684056006	Water	02/14/2024			X
	FALLS VILLAGE DAM	10684056007	Water	02/14/2024			X
	RANNAPO RD BRIDGE	10684056008	Water	02/14/2024			X
	RISING POND DAM	10684056009	Water	02/15/2024			X
	HR-D1	10684056010	Water	02/15/2024	RISING POND DAM_20240215		X
	WOODS POND DAM	10684056011	Water	02/15/2024			X
	OLD PLEASANT STREET BRIDGE	10684056012	Water	02/15/2024			X
10684109	DERBY DAM	10684109001	Water	02/12/2024		X	
	STEVENSON DAM	10684109002	Water	02/12/2024		X	
	SHEPAUG DAM	10684109003	Water	02/12/2024		X	
	HR-EB1	10684109004	Water	02/13/2024		X	
10684246	NEW LENOX RD BRIDGE	10684246001	Water	02/16/2024			X
	NEAR PITTSFIELD WWTP	10684246002	Water	02/16/2024			X
	POMEROY AVENUE BRIDGE	10684246003	Water	02/16/2024			X

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
10684289	RT. 202 BRIDGE	10684289001	Water	02/13/2024		X	
	RT. 341 BRIDGE	10684289002	Water	02/13/2024		X	
	CANAAN TOWN LINE BRIDGE	10684289003	Water	02/14/2024		X	
	FALLS VILLAGE DAM	10684289004	Water	02/14/2024		X	
	RANNAPO RD BRIDGE	10684289005	Water	02/14/2024		X	
	RISING POND DAM	10684289006	Water	02/15/2024		X	
	OLD PLEASANT STREET BRIDGE	10684289007	Water	02/15/2024		X	
	HR-D1	10684289008	Water	02/15/2024	RISING POND DAM_20240215	X	
	WOODS POND DAM	10684289009	Water	02/15/2024		X	
	NEW LENOX RD BRIDGE	10684289011	Water	02/16/2024		X	
	NEAR PITTSFIELD WWTP	10684289012	Water	02/16/2024		X	
	POMEROY AVENUE BRIDGE	10684289013	Water	02/16/2024		X	

Notes:
PCB = Polychlorinated Biphenyl Congeners
TSS = Total suspended solids

1.1 Analytical Data Package Documentation

The table below is the evaluation of the data package completeness.

Table 2. Evaluation of Data Package Completeness

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

Note:
QA = Quality Assurance

1.2 Data Validation Procedures

Analyses were performed according to United States Environmental Protection Agency (EPA) SW-846 Method 1668C, and Standard Method 2540D. Data were reviewed in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan – GE-Pittsfield/Housatonic River Site (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, prepared by Arcadis (Revised December 21, 2023);
- EPA Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (July 1996, revised December 1996) (EPA Region I Guidelines);
- EPA National Functional Guidelines for High Resolution Superfund Methods Data Review OLEM 9240.1-65EPA, 542-R-20-007 (November 2020); and
- Second Revised Baseline Monitoring Plan, Housatonic River – Rest of River, General Electric Company, Pittsfield, Massachusetts, prepared by Anchor QEA (January 2023).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers:
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.

- Validation Qualifiers:

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

  JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

  UB Compound considered non-detect at the listed value due to associated blank contamination.

  N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

  R The sample results are rejected.

Two facts should be noted by all data users. First, the “R” flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. “R” values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Section 7.5 of the revised FSP/QAPP states that all analytical data will be validated to a Tier I level following the procedures presented in the EPA Region I Guidelines. The Tier I review consisted of a completeness evidence audit, as outlined in the EPA Region I CSF Completeness Evidence Audit Program (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the EPA Region I Tier I data completeness requirements.

Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the number of sample analyses subject to Tier I data review is presented in the following table.

Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	14	1	1	0	0	0	16
TSS	14	1	0	0	0	0	15

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in EPA Region I Guidelines. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. The annotated sample analysis data sheets attached to this validation report (Appendix B) reflect any added data qualifiers.

2 Polychlorinated Biphenyl Congener Analyses

2.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 4. Holding Time for USEPA Method 1668C

Method	Matrix	Holding Time	Preservation
SW-846 USEPA Method 1668C	Water	One year from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria.

2.2 Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. PCB analysis requires that all surrogate compounds exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits with the exceptions noted below.

Table 5. Surrogate Recoveries Outside Control Limits

Sample ID	Compounds	Surrogate	Recovery
Near Pittsfield WWTP	PCB 1 PCB 2	13C-2-MoCB	4%

The criteria used to evaluate the surrogate recoveries are presented in the following table. In the case of a surrogate deviation, the sample results are qualified as documented in the table below.

Table 6. Surrogate Recovery Evaluation Criteria

Control Limit	Sample Result	Qualification
> UL	Non-detect	No Action
	Detect	J
< LL but > 10%	Non-detect	UJ
	Detect	J
< 10%	Non-detect	R
	Detect	J
Surrogates diluted below the calibration curve due to the high concentration of a target compounds	Non-detect	UJ1
	Detect	J1

Note:

[1] A more concentrated analysis was not performed with surrogate compounds within the calibration range; therefore, no determination of extraction efficiency could be made.

2.3 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In an instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 7. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Compounds	Sample Result (ng/L)	Duplicate Result (ng/L)	RPD
RISING POND DAM / HR-D1	PCB-1	0.102	0.108	AC
	PCB-4	1.52	1.50	1.3%
	PCB-6	0.0405	0.0402	AC
	PCB-8	0.0532	0.0532	AC
	PCB-10	0.0457	0.0479	AC
	PCB-15	0.0591	0.0618	AC
	PCB-17	0.142	0.142	0.0%
	PCB-18/30	0.100	0.102	AC
	PCB-19	0.837	0.810	3.3%
	PCB-25	0.0605	0.0606	AC
	PCB-26/29	0.0756	0.0782	AC
	PCB-27	0.116	0.116	AC
	PCB-32	0.175	0.181	3.4%
	PCB-40/41/71	0.181	0.179	1.1%
	PCB-42	0.0603	0.0612	1.5%
	PCB-44/47/65	1.22	1.25	2.4%
	PCB-45/51	0.688	0.702	2.0%
	PCB-46	0.0363	0.0382	AC
	PCB-49/69	0.723	0.733	1.4%
	PCB-50/53	0.536	0.552	2.9%
	PCB-52	0.507	0.517	1.95%
	PCB-54	0.251	0.248	1.2%
	PCB-61/70/74/76	0.0942	0.0992	AC
	PCB-64	0.0277	0.0292	AC
	PCB-66	0.0935	0.0958	AC
	PCB-84	0.0767	0.0757	AC
	PCB-86/87/97/108/119/125	0.250	0.258	AC
	PCB-88/91	0.230	0.241	4.7%
	PCB-90/101/113	0.752	0.795	5.6%
	PCB-92	0.218	0.255	15.6%
	PCB-93/98/100/102	0.187	0.199	AC

Sample ID/Duplicate ID	Compounds	Sample Result (ng/L)	Duplicate Result (ng/L)	RPD
	PCB-94	0.0479	0.0497	AC
	PCB-95	0.553	0.550	0.5%
	PCB-96	0.0244	0.0242 U	AC
	PCB-99	0.295	0.313	5.9%
	PCB-103	0.0671	0.0719	AC
	PCB-104	0.0299	0.0304	AC
	PCB-105	0.0419	0.0491	AC
	PCB-109	0.0243	0.0270	AC
	PCB-110/115	0.522	0.534	2.3%
	PCB-118	0.190	0.201	5.6%
	PCB-128/166	0.0847	0.0967	AC
	PCB-129/138/163	1.34	1.46	8.6%
	PCB-130	0.0630	0.0676	AC
	PCB-132	0.352	0.376	6.6%
	PCB-133	0.0340	0.0377	AC
	PCB-134/143	0.0591	0.0661	AC
	PCB-135/151	0.756	0.795	5.0%
	PCB-136	0.219	0.231	5.3%
	PCB-141	0.275	0.309	11.6%
	PCB-144	0.0713	0.076	AC
	PCB-146	0.273	0.293	7.1%
	PCB-147/149	1.45	1.57	7.9%
	PCB-153/168	1.42	1.55	8.8%
	PCB-154	0.0455	0.0480	AC
	PCB-156/157	0.0561	0.0594	AC
	PCB-158	0.0928	0.0982	AC
	PCB-164	0.0954	0.102	AC
	PCB-167	0.0344	0.0381	AC
	PCB-170	0.411	0.454	9.9%
	PCB-171/173	0.134	0.151	AC
	PCB-172	0.0883	0.0964	AC
	PCB-174	0.528	0.600	12.8%
	PCB-176	0.0664	0.0721	AC
	PCB-177	0.306	0.340	10.5%
	PCB-178	0.130	0.145	10.9%
	PCB-179	0.255	0.275	7.5%
	PCB-180/193	1.06	1.17	9.9%
	PCB-183/185	0.34	0.385	12.4%
	PCB-187	0.671	0.728	8.1%
	PCB-190	0.0964	0.106	AC

Sample ID/Duplicate ID	Compounds	Sample Result (ng/L)	Duplicate Result (ng/L)	RPD
	PCB-194	0.192	0.217	12.2%
	PCB-195	0.0863	0.0961	AC
	PCB-196	0.107	0.119	AC
	PCB-198/199	0.235	0.262	AC
	PCB-201	0.0270	0.0312	AC
	PCB-202	0.0467	0.0516	AC
	PCB-203	0.139	0.153	9.6%
	PCB-206	0.0462	0.0554	AC

Note:
AC = Acceptable

2.4 Compound Identification

PCB congeners by 1668C are identified by using the compound's ion abundance ratios, signal-to-noise values, and relative retention times.

An EMPC or "estimated maximum possible concentration" designation is given to compounds which have signals eluting within the established retention time window which would, if positively identified, be above the detection limit. The signals do not, however, meet the ion abundance ratio criteria and cannot be identified as the compound of interest. The EMPC value is the estimated concentration of the interferant quantitated "as the compound of interest". This value should be considered an elevated detection limit based on potential compound identification and quantitation interference. If the EMPC value is above the reporting limit, the qualifier UX has been added to the sample results to indicate the elevated detection limit as EMPC. If the EMPC value is below the reporting limit, the compound is reported as non-detect at the reporting limit and no qualification is added.

2.5 Data Validation Checklist for PCB Congeners

Table 8. Data Validation Checklist for Polychlorinated Biphenyls

PCB Congeners; EPA1668C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
HIGH RESOLUTION GAS CHROMATOGRAPHY/HIGH RESOLUTION MASS SPECTROMETRY (HRGC/HRMS)					
Tier I Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks		X		X	
Field/Lab Duplicate (RPD)		X		X	
Dilution Factor		X		X	
Moisture Content	X				X

PCB Congeners; EPA1668C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Ion abundance criteria for each instrument used		X	X		
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%RPD = Relative percent difference
%R = Percent recovery

When the laboratory case narrative outlines a quality issue and/or the laboratory applies qualifiers that exhibit potential QC issues beyond Tier I it will be added to the checklist above and the usability of the data will be addressed.

3 General Chemistry Analyses

3.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 9. Specified Holding Time

Method	Matrix	Holding Time	Preservation
TSS by SM2540D	Water	7 days from collection to analysis	Cool to <6 °C.

All samples were analyzed within the specified holding time criteria.

3.2 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 10. Summary of Field Duplicate Analysis

SDG	Sample ID/Duplicate ID	Analyte	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD
10684056	RISING POND DAM / HR-D1	TSS	2.0 U	2.0 U	AC

Note:
AC = Acceptable

3.3 Data Validation Checklist for General Chemistry

Table 11. Data Validation Checklist for General Chemistry

General Chemistry: SM2540D	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Miscellaneous Instrumentation					
Tier I Validation					
Holding Times		X		X	
Reporting limits (units)		X		X	
Field/Lab Duplicate (RPD)		X		X	
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%R = Percent recovery
RPD = Relative percent difference

4 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under Tier I data validation review. The percent usability calculation also includes quality control samples (i.e., field/equipment blanks, trip blanks, and field duplicates) to aid in the evaluation of data usability. Data usability is summarized in the following table.

Table 12. Overall Summary of Data Usability

Parameter	Percent Usability	Rejected Data
PCBs	100%	0
TSS	100%	0

The data package completeness, as determined from the Tier I data review was used to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses (discussed in this report) to provide a measure of compliance of the analytical data with the Data Quality Objectives specified in the FSP/QAPP.

VALIDATION PERFORMED BY: Hareesha Naik

SIGNATURE:

DATE: March 27, 2025

PEER REVIEW: Andrew Korycinski

DATE: May 27, 2025

Appendix A

Chain of Custody

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company: Arcadis	Billing Information: accountspayable.administration @ arcadis.com
Address: 110 Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146.3000 Housatonic River BMP	State: MA / County/City: Pittsfield / Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: 315-671-9374 Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code
Collected By (signature): Paula T. Rabasco	Turnaround Date Required: Standard / Immediately Packed on Ice [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis:

Container Preservative Type **: U

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses: TSS Low Level SM2540D *

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	TSS Low Level SM2540D *
Derby Dam	WT		02/12/24	12:50				1	X
Stevenson Dam	WT		02/12/24	14:00				1	X
Shepaug Dam	WT		02/12/24	15:20				1	X
Rt. 202 Bridge	WT		02/13/24	16:00				1	X
Rt. 341 Bridge	WT		02/13/24	17:45				1	X
Canaan Town Line Bridge	WT		02/14/24	13:45				1	X
Falls Village Dam	WT		02/14/24	12:30				1	X
Rannapo Rd Bridge	WT		02/14/24	15:15				1	X
Rising Pond Dam	WT		2/15/24	13:00				1	X
HR-D1	WT		2/15/24	—				1	X

Customer Remarks / Special Conditions / Possible Hazards:
* Please use entire sample for analysis.
Short Hold Time
Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2943434

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time
Paula T. Rabasco / Arcadis	02/15/24 17:30		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum
Template
Prelogin:
PM
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 2

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company: Arcadis	Billing Information: accountspayable.administration@arcadis.com
Address: 110 Fayette St, Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146.3000 Housatonic River BMP	State: MA / County/City: Pittsfield / Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: 315-671-9374 Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code
Collected By (signature): Penelope T. Rabasco	Turnaround Date Required: Standard / Immediately Packed on Ice [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis:

Container Preservative Type **: U

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Profile/Line: 45643

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: TSS Low Level SM2540D *
Woods Pond Dam	WT		02/15/24	15:40				1	X
Old Pleasant Street Bridge	WT		02/15/24	14:30				1	X

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:
* Please use entire sample for analysis.
Short Hold Time
Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2943431

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: _____oC
Cooler 1 Therm Corr. Factor: _____oC
Cooler 1 Corrected Temp: _____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Rabasco / Arcadis	02/15/24 17:30		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s) YES / NO

Page: 2 of: 2

Appendix B

Annotated Sample Analysis Data Sheets

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River
Pace Project No.: 10684056

Sample: Derby Dam **Lab ID: 10684056001** Collected: 02/12/24 12:50 Received: 02/16/24 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**8.4**	mg/L	2.0	1		02/19/24 10:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River
Pace Project No.: 10684056

Sample: Stevenson Dam **Lab ID: 10684056002** Collected: 02/12/24 14:00 Received: 02/16/24 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.0	1		02/19/24 10:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River
Pace Project No.: 10684056

Sample: Shepaug Dam **Lab ID: 10684056003** Collected: 02/12/24 15:20 Received: 02/16/24 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**14.0**	mg/L	2.0	1		02/19/24 10:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River
Pace Project No.: 10684056

Sample: Rt. 202 Bridge **Lab ID: 10684056004** Collected: 02/13/24 16:00 Received: 02/16/24 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.8**	mg/L	2.0	1		02/20/24 09:45		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River
Pace Project No.: 10684056

Sample: Rt. 341 Bridge **Lab ID: 10684056005** Collected: 02/13/24 17:45 Received: 02/16/24 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.4**	mg/L	2.0	1		02/20/24 09:45		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River
Pace Project No.: 10684056

Sample: Canaan Town Line Bridge **Lab ID: 10684056006** Collected: 02/14/24 13:45 Received: 02/16/24 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.4**	mg/L	2.0	1		02/21/24 10:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River
Pace Project No.: 10684056

Sample: Falls Village Dam **Lab ID: 10684056007** Collected: 02/14/24 12:30 Received: 02/16/24 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.4**	mg/L	2.0	1		02/21/24 10:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River
Pace Project No.: 10684056

Sample: Rannapo Rd. Bridge **Lab ID: 10684056008** Collected: 02/14/24 15:15 Received: 02/16/24 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**6.0**	mg/L	2.0	1		02/21/24 10:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River
Pace Project No.: 10684056

Sample: Rising Pond Dam **Lab ID: 10684056009** Collected: 02/15/24 13:00 Received: 02/16/24 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.0	1		02/21/24 15:27		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River
Pace Project No.: 10684056

Sample: HR-D1 **Lab ID: 10684056010** Collected: 02/15/24 00:00 Received: 02/16/24 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.0	1		02/21/24 15:27		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River
Pace Project No.: 10684056

Sample: Woods Pond Dam **Lab ID: 10684056011** Collected: 02/15/24 15:40 Received: 02/16/24 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.0	1		02/21/24 15:27		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River
Pace Project No.: 10684056

Sample: Old Pleasant Street Bridge **Lab ID: 10684056012** Collected: 02/15/24 14:30 Received: 02/16/24 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.4**	mg/L	2.0	1		02/21/24 15:27		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workor

WO#: 10684109

10684109

ALL SHADED

Container Preservative Type: 4

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses: PCB 1668

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

Company: Arcadis

Billing Information: accounts payable. administration @ arcadis.com

Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13214

Report To: Dave Knutsen

Email To: David.Knutsen@Arcadis.com

Copy To:

Site Collection Info/Address: Housatonic River

Customer Project Name/Number: 30185146.3000 Housatonic River BMP

State: MA County/City: Pittsfield Time Zone Collected: [ ]PT [ ]MT [ ]CT [✓]ET

Phone: 315-671-9374

Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): P. Rabasco

Purchase Order #:

Quote #:

DW PWS ID #:

DW Location Code:

Collected By (signature): Emily T. Rabasco

Turnaround Date Required: Standard

Immediately Packed on Ice: [✓] Yes [ ] No

Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	PCB 1668
Derby Dam	WT		02/12/24	12:50				4	X
Stevenson Dam	WT		02/12/24	14:00				4	X
Shepaug Dam	WT		02/12/24	15:20				4	X
HR-EB1	WT		02/13/24	12:00				4	X

Customer Remarks / Special Conditions / Possible Hazards: Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2943432

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: (Y) N NA
Therm ID#: 12
Cooler 1 Temp Upon Receipt: 0.3 oC 2.0
Cooler 1 Therm Corr. Factor: +0.3 oC
Cooler 1 Corrected Temp: 1.1 oC 2.3
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Emily T. Rabasco / Arcadis	02/15/24 17:30	Damond / Pace	2/16/24 850
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

Page 1 of 1

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Derby Dam		
Lab Sample ID	10684109001		
Filename	P240226A_09		
Injected By	AH5		
Total Amount Extracted	1570 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	02/12/2024 12:50
ICAL ID	P240226A02	Received	02/16/2024 08:50
CCal Filename(s)	P240226A_01	Extracted	02/22/2024 13:00
Method Blank ID	BLANK-111249	Analyzed	02/26/2024 16:35

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.492	3.13	2.0	0.803	40
13C-4-MoCB	3	13.285	3.17	2.0	1.09	54
13C-2,2'-DiCB	4	13.601	1.52	2.0	1.05	53
13C-4,4'-DiCB	15	20.695	1.60	2.0	1.69	84
13C-2,2',6-TrCB	19	17.435	1.05	2.0	1.17	58
13C-3,4,4'-TrCB	37	28.502	1.07	2.0	1.82	91
13C-2,2',6,6'-TeCB	54	21.060	0.78	2.0	1.09	55
13C-3,4,4',5-TeCB	81	35.657	0.79	2.0	2.04	102
13C-3,3',4,4'-TeCB	77	36.245	0.79	2.0	2.06	103
13C-2,2',4,6,6'-PeCB	104	27.187	1.59	2.0	1.31	65
13C-2,3,3',4,4'-PeCB	105	39.882	1.61	2.0	1.83	92
13C-2,3,4,4',5-PeCB	114	39.228	1.60	2.0	1.82	91
13C-2,3',4,4',5-PeCB	118	38.674	1.60	2.0	1.87	94
13C-2,3',4,4',5'-PeCB	123	38.322	1.60	2.0	1.86	93
13C-3,3',4,4',5-PeCB	126	43.051	1.62	2.0	1.88	94
13C-2,2',4,4',6,6'-HxCB	155	33.274	1.26	2.0	1.56	78
13C-HxCB(156/157)	156/157	46.142	1.30	4.0	3.48	87
13C-2,3',4,4',5,5'-HxCB	167	44.968	1.32	2.0	1.79	89
13C-3,3',4,4',5,5'-HxCB	169	49.429	1.29	2.0	1.77	89
13C-2,2',3,4',5,6,6'-HpCB	188	39.228	1.03	2.0	1.84	92
13C-2,3,3',4,4',5,5'-HpCB	189	51.996	1.09	2.0	1.86	93
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.717	0.89	2.0	1.82	91
13C-2,3,3',4,4',5,5',6-OcCB	205	54.604	0.89	2.0	1.81	90
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.372	0.79	2.0	1.82	91
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.522	0.77	2.0	1.89	94
13C-DeCB	209	58.031	0.69	2.0	1.84	92
CleanupStandards						
13C-2,4,4'-TrCB	28	24.139	1.05	2.0	1.87	94
13C-2,3,3',5,5'-PeCB	111	36.291	1.57	2.0	1.78	89
13C-2,2',3,3',5,5',6-HpCB	178	42.330	1.03	2.0	1.93	96
Recovery Standards						
13C-2,5-DiCB	9	16.064	1.62	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	26.135	0.77	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.491	1.58	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.877	1.28	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	54.130	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10684109001
Filename	P240226A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0255
2		---	---	ND	---	0.0255
3		---	---	ND	---	0.0255
4		13.613	1.55	0.123	---	0.0255
5		---	---	ND	---	0.0255
6		---	---	ND	---	0.0255
7		---	---	ND	---	0.0255
8		---	---	ND	---	0.0255
9		---	---	ND	---	0.0255
10		---	---	ND	---	0.0255
11		---	---	ND	---	0.250
12	12/13	---	---	ND	---	0.0510
13	12/13	---	---	ND	---	0.0510
14		---	---	ND	---	0.0255
15		---	---	ND	---	0.0336
16		---	---	ND	---	0.0255
17		---	---	ND	---	0.0255
18	18/30	---	---	ND	---	0.0510
19		17.457	1.02	0.0721	---	0.0255
20	20/28	---	---	ND	---	0.132
21	21/33	---	---	ND	---	0.138
22		---	---	ND	---	0.0969
23		---	---	ND	---	0.0255
24		---	---	ND	---	0.0255
25		---	---	ND	---	0.0255
26	26/29	---	---	ND	---	0.0510
27		---	---	ND	---	0.0255
28	20/28	---	---	ND	---	0.132
29	26/29	---	---	ND	---	0.0510
30	18/30	---	---	ND	---	0.0510
31		---	---	ND	---	0.133
32		---	---	ND	---	0.0255
33	21/33	---	---	ND	---	0.138
34		---	---	ND	---	0.0255
35		---	---	ND	---	0.0255
36		---	---	ND	---	0.0255
37		---	---	ND	---	0.0540
38		---	---	ND	---	0.0255
39		---	---	ND	---	0.0255
40	40/41/71	---	---	ND	---	0.0765
41	40/41/71	---	---	ND	---	0.0765
42		---	---	ND	---	0.0255
43	43/73	---	---	ND	---	0.0510
44	44/47/65	27.310	0.78	0.137	---	0.0765
45	45/51	24.340	0.80	0.0607	---	0.0510
46		---	---	ND	---	0.0255
47	44/47/65	27.310	0.78	(0.137)	---	0.0765
48		---	---	ND	---	0.0255

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10684109001
Filename	P240226A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.692	0.79	0.0840	---	0.0510
50	50/53	23.504	0.76	0.0554	---	0.0510
51	45/51	24.340	0.80	(0.0607)	---	0.0510
52		---	---	ND	---	0.132
53	50/53	23.504	0.76	(0.0554)	---	0.0510
54		---	---	ND	---	0.0255
55		---	---	ND	---	0.0255
56		---	---	ND	---	0.0255
57		---	---	ND	---	0.0255
58		---	---	ND	---	0.0255
59	59/62/75	---	---	ND	---	0.0765
60		---	---	ND	---	0.0255
61	61/70/74/76	---	---	ND	---	0.102
62	59/62/75	---	---	ND	---	0.0765
63		---	---	ND	---	0.0255
64		---	---	ND	---	0.0255
65	44/47/65	27.310	0.78	(0.137)	---	0.0765
66		---	---	ND	---	0.0602
67		---	---	ND	---	0.0255
68		---	---	ND	---	0.0255
69	49/69	26.692	0.79	(0.0840)	---	0.0510
70	61/70/74/76	---	---	ND	---	0.102
71	40/41/71	---	---	ND	---	0.0765
72		---	---	ND	---	0.0255
73	43/73	---	---	ND	---	0.0510
74	61/70/74/76	---	---	ND	---	0.102
75	59/62/75	---	---	ND	---	0.0765
76	61/70/74/76	---	---	ND	---	0.102
77		---	---	ND	---	0.0255
78		---	---	ND	---	0.0255
79		---	---	ND	---	0.0255
80		---	---	ND	---	0.0255
81		---	---	ND	---	0.0255
82		---	---	ND	---	0.0255
83		---	---	ND	---	0.0255
84		---	---	ND	---	0.0255
85	85/116/117	---	---	ND	---	0.0765
86	86/87/97/108/119/125	---	---	ND	---	0.153
87	86/87/97/108/119/125	---	---	ND	---	0.153
88	88/91	---	---	ND	---	0.0510
89		---	---	ND	---	0.0255
90	90/101/113	33.506	1.62	0.112	---	0.0765
91	88/91	---	---	ND	---	0.0510
92		32.887	1.57	0.0325	---	0.0255
93	93/98/100/102	---	---	ND	---	0.102
94		---	---	ND	---	0.0255
95		30.396	1.50	0.0801	---	0.0714
96		---	---	ND	---	0.0255

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10684109001
Filename	P240226A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.153
98	93/98/100/102	---	---	ND	---	0.102
99		34.125	1.59	0.0500	---	0.0255
100	93/98/100/102	---	---	ND	---	0.102
101	90/101/113	33.506	1.62	(0.112)	---	0.0765
102	93/98/100/102	---	---	ND	---	0.102
103		---	---	ND	---	0.0255
104		---	---	ND	---	0.0255
105		---	---	ND	---	0.0255
106		---	---	ND	---	0.0255
107	107/124	---	---	ND	---	0.0510
108	86/87/97/108/119/125	---	---	ND	---	0.153
109		---	---	ND	---	0.0255
110	110/115	35.579	1.50	0.0866	---	0.0510
111		---	---	ND	---	0.0255
112		---	---	ND	---	0.0255
113	90/101/113	33.506	1.62	(0.112)	---	0.0765
114		---	---	ND	---	0.0255
115	110/115	35.579	1.50	(0.0866)	---	0.0510
116	85/116/117	---	---	ND	---	0.0765
117	85/116/117	---	---	ND	---	0.0765
118		38.691	1.59	0.0416	---	0.0398
119	86/87/97/108/119/125	---	---	ND	---	0.153
120		---	---	ND	---	0.0255
121		---	---	ND	---	0.0255
122		---	---	ND	---	0.0255
123		---	---	ND	---	0.0255
124	107/124	---	---	ND	---	0.0510
125	86/87/97/108/119/125	---	---	ND	---	0.153
126		---	---	ND	---	0.0255
127		---	---	ND	---	0.0255
128	128/166	---	---	ND	---	0.0510
129	129/138/163	41.911	1.23	0.218	---	0.0765
130		---	---	ND	---	0.0255
131		---	---	ND	---	0.0255
132		38.809	1.25	0.0553	---	0.0255
133		---	---	ND	---	0.0255
134	134/143	---	---	ND	---	0.0510
135	135/151	36.523	1.19	0.111	---	0.0510
136		34.032	1.26	0.0280	---	0.0255
137		---	---	ND	---	0.0255
138	129/138/163	41.911	1.23	(0.218)	---	0.0765
139	139/140	---	---	ND	---	0.0510
140	139/140	---	---	ND	---	0.0510
141		40.821	1.27	0.0406	---	0.0255
142		---	---	ND	---	0.0255
143	134/143	---	---	ND	---	0.0510
144		---	---	ND	---	0.0255

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10684109001
Filename	P240226A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0255
146		39.999	1.30	0.0468	---	0.0255
147	147/149	37.501	1.28	0.216	---	0.0510
148		---	---	ND	---	0.0255
149	147/149	37.501	1.28	(0.216)	---	0.0510
150		---	---	ND	---	0.0255
151	135/151	36.523	1.19	(0.111)	---	0.0510
152		---	---	ND	---	0.0255
153	153/168	40.620	1.26	0.230	---	0.0510
154		---	---	ND	---	0.0255
155		---	---	ND	---	0.0255
156	156/157	---	---	ND	---	0.0510
157	156/157	---	---	ND	---	0.0510
158		---	---	ND	---	0.0255
159		---	---	ND	---	0.0255
160		---	---	ND	---	0.0255
161		---	---	ND	---	0.0255
162		---	---	ND	---	0.0255
163	129/138/163	41.911	1.23	(0.218)	---	0.0765
164		---	---	ND	---	0.0255
165		---	---	ND	---	0.0255
166	128/166	---	---	ND	---	0.0510
167		---	---	ND	---	0.0255
168	153/168	40.620	1.26	(0.230)	---	0.0510
169		---	---	ND	---	0.0255
170		48.858	1.01	0.0760	---	0.0255
171	171/173	---	---	ND	---	0.0510
172		---	---	ND	---	0.0255
173	171/173	---	---	ND	---	0.0510
174		44.163	1.12	0.0923	---	0.0255
175		---	---	ND	---	0.0255
176		---	---	ND	---	0.0255
177		44.616	1.04	0.0583	---	0.0255
178		---	---	ND	---	0.0255
179		39.580	1.05	0.0422	---	0.0255
180	180/193	47.567	1.01	0.176	---	0.0510
181		---	---	ND	---	0.0255
182		---	---	ND	---	0.0255
183	183/185	43.929	1.03	0.0561	---	0.0510
184		---	---	ND	---	0.0255
185	183/185	43.929	1.03	(0.0561)	---	0.0510
186		---	---	ND	---	0.0255
187		43.303	1.03	0.120	---	0.0255
188		---	---	ND	---	0.0255
189		---	---	ND	---	0.0255
190		---	---	ND	---	0.0255
191		---	---	ND	---	0.0255
192		---	---	ND	---	0.0255

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10684109001
Filename	P240226A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.567	1.01	(0.176)	---	0.0510
194		54.152	0.81	0.0426	---	0.0255
195		---	---	ND	---	0.0255
196		---	---	ND	---	0.0255
197	197/200	---	---	ND	---	0.0510
198	198/199	---	---	ND	---	0.0510
199	198/199	---	---	ND	---	0.0510
200	197/200	---	---	ND	---	0.0510
201		---	---	ND	---	0.0255
202		---	---	ND	---	0.0255
203		50.451	0.86	0.0289	---	0.0255
204		---	---	ND	---	0.0255
205		---	---	ND	---	0.0255
206		---	---	ND	---	0.0255
207		---	---	ND	---	0.0255
208		---	---	ND	---	0.0255
209		---	---	ND	---	0.0255

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10684109001
Filename	P240226A_09

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.123
Total Trichloro Biphenyls	0.0721
Total Tetrachloro Biphenyls	0.338
Total Pentachloro Biphenyls	0.402
Total Hexachloro Biphenyls	0.945
Total Heptachloro Biphenyls	0.621
Total Octachloro Biphenyls	0.0715
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	2.57

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Stevenson Dam		
Lab Sample ID	10684109002		
Filename	P240226A_10		
Injected By	AH5		
Total Amount Extracted	1780 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	02/12/2024 14:00
ICAL ID	P240226A02	Received	02/16/2024 08:50
CCal Filename(s)	P240226A_01	Extracted	02/22/2024 13:00
Method Blank ID	BLANK-111249	Analyzed	02/26/2024 17:38

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.492	3.07	2.0	0.178	9
13C-4-MoCB	3	13.285	3.22	2.0	0.488	24
13C-2,2'-DiCB	4	13.590	1.57	2.0	0.483	24
13C-4,4'-DiCB	15	20.697	1.60	2.0	1.20	60
13C-2,2',6-TrCB	19	17.436	1.04	2.0	0.716	36
13C-3,4,4'-TrCB	37	28.503	1.05	2.0	1.57	79
13C-2,2',6,6'-TeCB	54	21.061	0.78	2.0	0.745	37
13C-3,4,4',5-TeCB	81	35.674	0.79	2.0	1.87	93
13C-3,3',4,4'-TeCB	77	36.246	0.80	2.0	1.92	96
13C-2,2',4,6,6'-PeCB	104	27.204	1.56	2.0	0.903	45
13C-2,3,3',4,4'-PeCB	105	39.883	1.61	2.0	1.72	86
13C-2,3,4,4',5-PeCB	114	39.229	1.63	2.0	1.70	85
13C-2,3',4,4',5-PeCB	118	38.676	1.59	2.0	1.72	86
13C-2,3',4,4',5'-PeCB	123	38.340	1.58	2.0	1.73	86
13C-3,3',4,4',5-PeCB	126	43.053	1.59	2.0	1.76	88
13C-2,2',4,4',6,6'-HxCB	155	33.275	1.25	2.0	1.19	59
13C-HxCB(156/157)	156/157	46.143	1.31	4.0	3.22	81
13C-2,3',4,4',5,5'-HxCB	167	44.970	1.28	2.0	1.65	82
13C-3,3',4,4',5,5'-HxCB	169	49.430	1.29	2.0	1.62	81
13C-2,2',3,4',5,6,6'-HpCB	188	39.229	1.08	2.0	1.60	80
13C-2,3,3',4,4',5,5'-HpCB	189	51.998	1.09	2.0	1.73	86
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.735	0.88	2.0	1.66	83
13C-2,3,3',4,4',5,5',6-OcCB	205	54.606	0.89	2.0	1.67	84
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.374	0.79	2.0	1.64	82
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.524	0.78	2.0	1.72	86
13C-DeCB	209	58.033	0.71	2.0	1.71	85
CleanupStandards						
13C-2,4,4'-TrCB	28	24.140	1.05	2.0	1.56	78
13C-2,3,3',5,5'-PeCB	111	36.292	1.56	2.0	1.63	82
13C-2,2',3,3',5,5',6-HpCB	178	42.348	1.05	2.0	1.74	87
Recovery Standards						
13C-2,5-DiCB	9	16.065	1.61	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	26.136	0.77	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.477	1.62	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.879	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	54.132	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10684109002
Filename	P240226A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0224
2		---	---	ND	---	0.0224
3		---	---	ND	---	0.0224
4		13.613	1.36	0.101	---	0.0224
5		---	---	ND	---	0.0224
6		---	---	ND	---	0.0224
7		---	---	ND	---	0.0224
8		---	---	ND	---	0.0224
9		---	---	ND	---	0.0224
10		---	---	ND	---	0.0224
11		---	---	ND	---	0.220
12	12/13	---	---	ND	---	0.0449
13	12/13	---	---	ND	---	0.0449
14		---	---	ND	---	0.0224
15		---	---	ND	---	0.0296
16		---	---	ND	---	0.0224
17		---	---	ND	---	0.0224
18	18/30	---	---	ND	---	0.0449
19		17.447	1.05	0.0550	---	0.0224
20	20/28	---	---	ND	---	0.116
21	21/33	---	---	ND	---	0.121
22		---	---	ND	---	0.0853
23		---	---	ND	---	0.0224
24		---	---	ND	---	0.0224
25		---	---	ND	---	0.0224
26	26/29	---	---	ND	---	0.0449
27		---	---	ND	---	0.0224
28	20/28	---	---	ND	---	0.116
29	26/29	---	---	ND	---	0.0449
30	18/30	---	---	ND	---	0.0449
31		---	---	ND	---	0.117
32		---	---	ND	---	0.0224
33	21/33	---	---	ND	---	0.121
34		---	---	ND	---	0.0224
35		---	---	ND	---	0.0224
36		---	---	ND	---	0.0224
37		---	---	ND	---	0.0476
38		---	---	ND	---	0.0224
39		---	---	ND	---	0.0224
40	40/41/71	---	---	ND	---	0.0673
41	40/41/71	---	---	ND	---	0.0673
42		---	---	ND	---	0.0224
43	43/73	---	---	ND	---	0.0449
44	44/47/65	27.312	0.76	0.0807	---	0.0673
45	45/51	---	---	ND	---	0.0449
46		---	---	ND	---	0.0224
47	44/47/65	27.312	0.76	(0.0807)	---	0.0673
48		---	---	ND	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10684109002
Filename	P240226A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.709	0.79	0.0492	---	0.0449
50	50/53	---	---	ND	---	0.0449
51	45/51	---	---	ND	---	0.0449
52		---	---	ND	---	0.116
53	50/53	---	---	ND	---	0.0449
54		---	---	ND	---	0.0224
55		---	---	ND	---	0.0224
56		---	---	ND	---	0.0224
57		---	---	ND	---	0.0224
58		---	---	ND	---	0.0224
59	59/62/75	---	---	ND	---	0.0673
60		---	---	ND	---	0.0224
61	61/70/74/76	---	---	ND	---	0.0898
62	59/62/75	---	---	ND	---	0.0673
63		---	---	ND	---	0.0224
64		---	---	ND	---	0.0224
65	44/47/65	27.312	0.76	(0.0807)	---	0.0673
66		---	---	ND	---	0.0530
67		---	---	ND	---	0.0224
68		---	---	ND	---	0.0224
69	49/69	26.709	0.79	(0.0492)	---	0.0449
70	61/70/74/76	---	---	ND	---	0.0898
71	40/41/71	---	---	ND	---	0.0673
72		---	---	ND	---	0.0224
73	43/73	---	---	ND	---	0.0449
74	61/70/74/76	---	---	ND	---	0.0898
75	59/62/75	---	---	ND	---	0.0673
76	61/70/74/76	---	---	ND	---	0.0898
77		---	---	ND	---	0.0224
78		---	---	ND	---	0.0224
79		---	---	ND	---	0.0224
80		---	---	ND	---	0.0224
81		---	---	ND	---	0.0224
82		---	---	ND	---	0.0224
83		---	---	ND	---	0.0224
84		---	---	ND	---	0.0224
85	85/116/117	---	---	ND	---	0.0673
86	86/87/97/108/119/125	---	---	ND	---	0.135
87	86/87/97/108/119/125	---	---	ND	---	0.135
88	88/91	---	---	ND	---	0.0449
89		---	---	ND	---	0.0224
90	90/101/113	---	---	ND	---	0.0673
91	88/91	---	---	ND	---	0.0449
92		---	---	ND	---	0.0224
93	93/98/100/102	---	---	ND	---	0.0898
94		---	---	ND	---	0.0224
95		---	---	ND	---	0.0629
96		---	---	ND	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10684109002
Filename	P240226A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.135
98	93/98/100/102	---	---	ND	---	0.0898
99		34.142	1.58	0.0268	---	0.0224
100	93/98/100/102	---	---	ND	---	0.0898
101	90/101/113	---	---	ND	---	0.0673
102	93/98/100/102	---	---	ND	---	0.0898
103		---	---	ND	---	0.0224
104		---	---	ND	---	0.0224
105		---	---	ND	---	0.0224
106		---	---	ND	---	0.0224
107	107/124	---	---	ND	---	0.0449
108	86/87/97/108/119/125	---	---	ND	---	0.135
109		---	---	ND	---	0.0224
110	110/115	35.581	1.57	0.0506	---	0.0449
111		---	---	ND	---	0.0224
112		---	---	ND	---	0.0224
113	90/101/113	---	---	ND	---	0.0673
114		---	---	ND	---	0.0224
115	110/115	35.581	1.57	(0.0506)	---	0.0449
116	85/116/117	---	---	ND	---	0.0673
117	85/116/117	---	---	ND	---	0.0673
118		---	---	ND	---	0.0350
119	86/87/97/108/119/125	---	---	ND	---	0.135
120		---	---	ND	---	0.0224
121		---	---	ND	---	0.0224
122		---	---	ND	---	0.0224
123		---	---	ND	---	0.0224
124	107/124	---	---	ND	---	0.0449
125	86/87/97/108/119/125	---	---	ND	---	0.135
126		---	---	ND	---	0.0224
127		---	---	ND	---	0.0224
128	128/166	---	---	ND	---	0.0449
129	129/138/163	41.912	1.21	0.109	---	0.0673
130		---	---	ND	---	0.0224
131		---	---	ND	---	0.0224
132		38.810	1.22	0.0281	---	0.0224
133		---	---	ND	---	0.0224
134	134/143	---	---	ND	---	0.0449
135	135/151	36.525	1.13	0.0509	---	0.0449
136		---	---	ND	---	0.0224
137		---	---	ND	---	0.0224
138	129/138/163	41.912	1.21	(0.109)	---	0.0673
139	139/140	---	---	ND	---	0.0449
140	139/140	---	---	ND	---	0.0449
141		---	---	ND	---	0.0224
142		---	---	ND	---	0.0224
143	134/143	---	---	ND	---	0.0449
144		---	---	ND	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10684109002
Filename	P240226A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0224
146		39.984	1.32	0.0225	---	0.0224
147	147/149	37.502	1.25	0.103	---	0.0449
148		---	---	ND	---	0.0224
149	147/149	37.502	1.25	(0.103)	---	0.0449
150		---	---	ND	---	0.0224
151	135/151	36.525	1.13	(0.0509)	---	0.0449
152		---	---	ND	---	0.0224
153	153/168	40.638	1.24	0.111	---	0.0449
154		---	---	ND	---	0.0224
155		---	---	ND	---	0.0224
156	156/157	---	---	ND	---	0.0449
157	156/157	---	---	ND	---	0.0449
158		---	---	ND	---	0.0224
159		---	---	ND	---	0.0224
160		---	---	ND	---	0.0224
161		---	---	ND	---	0.0224
162		---	---	ND	---	0.0224
163	129/138/163	41.912	1.21	(0.109)	---	0.0673
164		---	---	ND	---	0.0224
165		---	---	ND	---	0.0224
166	128/166	---	---	ND	---	0.0449
167		---	---	ND	---	0.0224
168	153/168	40.638	1.24	(0.111)	---	0.0449
169		---	---	ND	---	0.0224
170		48.860	1.05	0.0333	---	0.0224
171	171/173	---	---	ND	---	0.0449
172		---	---	ND	---	0.0224
173	171/173	---	---	ND	---	0.0449
174		44.181	1.04	0.0419	---	0.0224
175		---	---	ND	---	0.0224
176		---	---	ND	---	0.0224
177		44.601	1.04	0.0259	---	0.0224
178		---	---	ND	---	0.0224
179		---	---	ND	---	0.0224
180	180/193	47.569	1.08	0.0818	---	0.0449
181		---	---	ND	---	0.0224
182		---	---	ND	---	0.0224
183	183/185	---	---	ND	---	0.0449
184		---	---	ND	---	0.0224
185	183/185	---	---	ND	---	0.0449
186		---	---	ND	---	0.0224
187		43.304	1.04	0.0529	---	0.0224
188		---	---	ND	---	0.0224
189		---	---	ND	---	0.0224
190		---	---	ND	---	0.0224
191		---	---	ND	---	0.0224
192		---	---	ND	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10684109002
Filename	P240226A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.569	1.08	(0.0818)	---	0.0449
194		---	---	ND	---	0.0224
195		---	---	ND	---	0.0224
196		---	---	ND	---	0.0224
197	197/200	---	---	ND	---	0.0449
198	198/199	---	---	ND	---	0.0449
199	198/199	---	---	ND	---	0.0449
200	197/200	---	---	ND	---	0.0449
201		---	---	ND	---	0.0224
202		---	---	ND	---	0.0224
203		---	---	ND	---	0.0224
204		---	---	ND	---	0.0224
205		---	---	ND	---	0.0224
206		---	---	ND	---	0.0224
207		---	---	ND	---	0.0224
208		---	---	ND	---	0.0224
209		---	---	ND	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10684109002
Filename	P240226A_10

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.101
Total Trichloro Biphenyls	0.0550
Total Tetrachloro Biphenyls	0.130
Total Pentachloro Biphenyls	0.0775
Total Hexachloro Biphenyls	0.425
Total Heptachloro Biphenyls	0.236
Total Octachloro Biphenyls	ND
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	1.02

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Shepaug Dam		
Lab Sample ID	10684109003		
Filename	P240227A_08		
Injected By	AH5		
Total Amount Extracted	1780 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	02/12/2024 15:20
ICAL ID	P240227A03	Received	02/16/2024 08:50
CCal Filename(s)	P240227A_02	Extracted	02/22/2024 13:00
Method Blank ID	BLANK-111249	Analyzed	02/27/2024 19:50

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.232	3.09	2.0	0.798	40
13C-4-MoCB	3	13.071	3.12	2.0	1.03	52
13C-2,2'-DiCB	4	13.387	1.55	2.0	0.886	44
13C-4,4'-DiCB	15	20.531	1.61	2.0	1.50	75
13C-2,2',6-TrCB	19	17.259	0.91	2.0	1.19	59
13C-3,4,4'-TrCB	37	28.355	1.03	2.0	1.86	93
13C-2,2',6,6'-TeCB	54	20.883	0.81	2.0	1.15	58
13C-3,4,4',5-TeCB	81	35.526	0.81	2.0	2.03	102
13C-3,3',4,4'-TeCB	77	36.098	0.82	2.0	2.05	102
13C-2,2',4,6,6'-PeCB	104	27.056	1.54	2.0	1.15	57
13C-2,3,3',4,4'-PeCB	105	39.727	1.62	2.0	1.89	94
13C-2,3,4,4',5-PeCB	114	39.073	1.66	2.0	1.85	92
13C-2,3',4,4',5-PeCB	118	38.520	1.64	2.0	1.85	93
13C-2,3',4,4',5'-PeCB	123	38.185	1.57	2.0	1.89	95
13C-3,3',4,4',5-PeCB	126	42.897	1.58	2.0	1.98	99
13C-2,2',4,4',6,6'-HxCB	155	33.127	1.22	2.0	1.19	60
13C-HxCB(156/157)	156/157	45.987	1.32	4.0	3.41	85
13C-2,3',4,4',5,5'-HxCB	167	44.797	1.30	2.0	1.74	87
13C-3,3',4,4',5,5'-HxCB	169	49.274	1.26	2.0	1.71	85
13C-2,2',3,4',5,6,6'-HpCB	188	39.057	1.03	2.0	1.51	76
13C-2,3,3',4,4',5,5'-HpCB	189	51.835	1.09	2.0	1.79	89
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.562	0.91	2.0	1.65	83
13C-2,3,3',4,4',5,5',6-OcCB	205	54.443	0.89	2.0	1.67	83
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.189	0.80	2.0	1.67	84
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.361	0.79	2.0	1.73	87
13C-DeCB	209	57.848	0.69	2.0	1.69	84
CleanupStandards						
13C-2,4,4'-TrCB	28	23.977	1.08	2.0	1.91	96
13C-2,3,3',5,5'-PeCB	111	36.129	1.51	2.0	1.67	83
13C-2,2',3,3',5,5',6-HpCB	178	42.176	1.05	2.0	1.74	87
Recovery Standards						
13C-2,5-DiCB	9	15.877	1.62	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.989	0.80	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.344	1.57	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.723	1.31	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.947	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10684109003
Filename	P240227A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0224
2		---	---	ND	---	0.0224
3		---	---	ND	---	0.0224
4		13.410	1.41	0.140 A	---	0.0392
5		---	---	ND	---	0.0224
6		---	---	ND	---	0.0224
7		---	---	ND	---	0.0224
8		---	---	ND	---	0.0224
9		---	---	ND	---	0.0224
10		---	---	ND	---	0.0224
11		---	---	ND	---	0.220
12	12/13	---	---	ND	---	0.0449
13	12/13	---	---	ND	---	0.0449
14		---	---	ND	---	0.0224
15		---	---	ND	---	0.0296
16		---	---	ND	---	0.0224
17		19.979	0.97	0.0237	---	0.0224
18	18/30	---	---	ND	---	0.0449
19		17.281	1.07	0.0701	---	0.0224
20	20/28	---	---	ND	---	0.116
21	21/33	---	---	ND	---	0.121
22		---	---	ND	---	0.0852
23		---	---	ND	---	0.0224
24		---	---	ND	---	0.0224
25		---	---	ND	---	0.0224
26	26/29	---	---	ND	---	0.0449
27		---	---	ND	---	0.0224
28	20/28	---	---	ND	---	0.116
29	26/29	---	---	ND	---	0.0449
30	18/30	---	---	ND	---	0.0449
31		---	---	ND	---	0.117
32		---	---	ND	---	0.0224
33	21/33	---	---	ND	---	0.121
34		---	---	ND	---	0.0224
35		---	---	ND	---	0.0224
36		---	---	ND	---	0.0224
37		---	---	ND	---	0.0476
38		---	---	ND	---	0.0224
39		---	---	ND	---	0.0224
40	40/41/71	---	---	ND	---	0.0673
41	40/41/71	---	---	ND	---	0.0673
42		---	---	ND	---	0.0224
43	43/73	---	---	ND	---	0.0449
44	44/47/65	27.180	0.79	0.199	---	0.0673
45	45/51	24.209	0.70	0.0807	---	0.0449
46		---	---	ND	---	0.0224
47	44/47/65	27.180	0.79	(0.199)	---	0.0673
48		---	---	ND	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10684109003
Filename	P240227A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.561	0.77	0.110	---	0.0449
50	50/53	23.358	0.81	0.0688	---	0.0449
51	45/51	24.209	0.70	(0.0807)	---	0.0449
52		---	---	ND	---	0.116
53	50/53	23.358	0.81	(0.0688)	---	0.0449
54		---	---	ND	---	0.0224
55		---	---	ND	---	0.0224
56		---	---	ND	---	0.0224
57		---	---	ND	---	0.0224
58		---	---	ND	---	0.0224
59	59/62/75	---	---	ND	---	0.0673
60		---	---	ND	---	0.0224
61	61/70/74/76	---	---	ND	---	0.0897
62	59/62/75	---	---	ND	---	0.0673
63		---	---	ND	---	0.0224
64		---	---	ND	---	0.0224
65	44/47/65	27.180	0.79	(0.199)	---	0.0673
66		---	---	ND	---	0.0529
67		---	---	ND	---	0.0224
68		---	---	ND	---	0.0224
69	49/69	26.561	0.77	(0.110)	---	0.0449
70	61/70/74/76	---	---	ND	---	0.0897
71	40/41/71	---	---	ND	---	0.0673
72		---	---	ND	---	0.0224
73	43/73	---	---	ND	---	0.0449
74	61/70/74/76	---	---	ND	---	0.0897
75	59/62/75	---	---	ND	---	0.0673
76	61/70/74/76	---	---	ND	---	0.0897
77		---	---	ND	---	0.0224
78		---	---	ND	---	0.0224
79		---	---	ND	---	0.0224
80		---	---	ND	---	0.0224
81		---	---	ND	---	0.0224
82		---	---	ND	---	0.0224
83		---	---	ND	---	0.0224
84		31.395	1.45	0.0306	---	0.0224
85	85/116/117	---	---	ND	---	0.0673
86	86/87/97/108/119/125	---	---	ND	---	0.135
87	86/87/97/108/119/125	---	---	ND	---	0.135
88	88/91	31.178	1.70	0.0475	---	0.0449
89		---	---	ND	---	0.0224
90	90/101/113	33.360	1.46	0.212	---	0.0673
91	88/91	31.178	1.70	(0.0475)	---	0.0449
92		32.756	1.69	0.0544	---	0.0224
93	93/98/100/102	---	---	ND	---	0.0897
94		---	---	ND	---	0.0224
95		30.250	1.57	0.134	---	0.0628
96		---	---	ND	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10684109003
Filename	P240227A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.135
98	93/98/100/102	---	---	ND	---	0.0897
99		33.979	1.55	0.0953	---	0.0224
100	93/98/100/102	---	---	ND	---	0.0897
101	90/101/113	33.360	1.46	(0.212)	---	0.0673
102	93/98/100/102	---	---	ND	---	0.0897
103		---	---	ND	---	0.0224
104		---	---	ND	---	0.0224
105		39.761	1.40	0.0570	---	0.0224
106		---	---	ND	---	0.0224
107	107/124	---	---	ND	---	0.0449
108	86/87/97/108/119/125	---	---	ND	---	0.135
109		---	---	ND	---	0.0224
110	110/115	35.417	1.46	0.203	---	0.0449
111		---	---	ND	---	0.0224
112		---	---	ND	---	0.0224
113	90/101/113	33.360	1.46	(0.212)	---	0.0673
114		---	---	ND	---	0.0224
115	110/115	35.417	1.46	(0.203)	---	0.0449
116	85/116/117	---	---	ND	---	0.0673
117	85/116/117	---	---	ND	---	0.0673
118		38.537	1.57	0.149	---	0.0350
119	86/87/97/108/119/125	---	---	ND	---	0.135
120		---	---	ND	---	0.0224
121		---	---	ND	---	0.0224
122		---	---	ND	---	0.0224
123		---	---	ND	---	0.0224
124	107/124	---	---	ND	---	0.0449
125	86/87/97/108/119/125	---	---	ND	---	0.135
126		---	---	ND	---	0.0224
127		---	---	ND	---	0.0224
128	128/166	43.048	1.22	0.0509	---	0.0449
129	129/138/163	41.757	1.26	0.567	---	0.0673
130		41.069	1.15	0.0287	---	0.0224
131		---	---	ND	---	0.0224
132		38.654	1.29	0.133	---	0.0224
133		---	---	ND	---	0.0224
134	134/143	---	---	ND	---	0.0449
135	135/151	36.377	1.13	0.205	---	0.0449
136		33.886	1.14	0.0517	---	0.0224
137		---	---	ND	---	0.0224
138	129/138/163	41.757	1.26	(0.567)	---	0.0673
139	139/140	---	---	ND	---	0.0449
140	139/140	---	---	ND	---	0.0449
141		40.667	1.32	0.102	---	0.0224
142		---	---	ND	---	0.0224
143	134/143	---	---	ND	---	0.0449
144		---	---	ND	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10684109003
Filename	P240227A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0224
146		39.828	1.12	0.0954	---	0.0224
147	147/149	37.363	1.28	0.411	---	0.0449
148		---	---	ND	---	0.0224
149	147/149	37.363	1.28	(0.411)	---	0.0449
150		---	---	ND	---	0.0224
151	135/151	36.377	1.13	(0.205)	---	0.0449
152		---	---	ND	---	0.0224
153	153/168	40.465	1.22	0.524	---	0.0449
154		---	---	ND	---	0.0224
155		---	---	ND	---	0.0224
156	156/157	---	---	ND	---	0.0449
157	156/157	---	---	ND	---	0.0449
158		42.159	1.40	0.0379	---	0.0224
159		---	---	ND	---	0.0224
160		---	---	ND	---	0.0224
161		---	---	ND	---	0.0224
162		---	---	ND	---	0.0224
163	129/138/163	41.757	1.26	(0.567)	---	0.0673
164		41.438	1.14	0.0371	---	0.0224
165		---	---	ND	---	0.0224
166	128/166	43.048	1.22	(0.0509)	---	0.0449
167		---	---	ND	---	0.0224
168	153/168	40.465	1.22	(0.524)	---	0.0449
169		---	---	ND	---	0.0224
170		48.687	1.04	0.198	---	0.0224
171	171/173	45.116	1.04	0.0573	---	0.0449
172		46.759	1.10	0.0379	---	0.0224
173	171/173	45.116	1.04	(0.0573)	---	0.0449
174		44.009	1.08	0.214	---	0.0224
175		---	---	ND	---	0.0224
176		40.331	1.12	0.0242	---	0.0224
177		44.445	1.03	0.130	---	0.0224
178		42.209	0.95	0.0477	---	0.0224
179		39.442	0.96	0.0813	---	0.0224
180	180/193	47.413	1.04	0.437	---	0.0449
181		---	---	ND	---	0.0224
182		---	---	ND	---	0.0224
183	183/185	43.774	1.02	0.126	---	0.0449
184		---	---	ND	---	0.0224
185	183/185	43.774	1.02	(0.126)	---	0.0449
186		---	---	ND	---	0.0224
187		43.148	1.07	0.253	---	0.0224
188		---	---	ND	---	0.0224
189		---	---	ND	---	0.0224
190		49.224	0.92	0.0437	---	0.0224
191		---	---	ND	---	0.0224
192		---	---	ND	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10684109003
Filename	P240227A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.413	1.04	(0.437)	---	0.0449
194		53.990	0.89	0.0829	---	0.0224
195		51.641	0.80	0.0413	---	0.0224
196		50.079	1.10	--- I	0.0408 UX	0.0224
197	197/200	---	---	ND	---	0.0449
198	198/199	49.408	0.92	0.101	---	0.0449
199	198/199	49.408	0.92	(0.101)	---	0.0449
200	197/200	---	---	ND	---	0.0449
201		---	---	ND	---	0.0224
202		---	---	ND	---	0.0224
203		50.280	1.01	0.0635	---	0.0224
204		---	---	ND	---	0.0224
205		---	---	ND	---	0.0224
206		---	---	ND	---	0.0224
207		---	---	ND	---	0.0224
208		---	---	ND	---	0.0224
209		---	---	ND	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10684109003
Filename	P240227A_08

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.140
Total Trichloro Biphenyls	0.0938
Total Tetrachloro Biphenyls	0.459
Total Pentachloro Biphenyls	0.982
Total Hexachloro Biphenyls	2.24
Total Heptachloro Biphenyls	1.65
Total Octachloro Biphenyls	0.289
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	5.86

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	HR-EB1		
Lab Sample ID	10684109004		
Filename	P240227A_09		
Injected By	AH5		
Total Amount Extracted	1810 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	02/13/2024 12:00
ICAL ID	P240227A03	Received	02/16/2024 08:50
CCal Filename(s)	P240227A_02	Extracted	02/22/2024 13:00
Method Blank ID	BLANK-111249	Analyzed	02/27/2024 20:53

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.379	2.90	2.0	0.207	10
13C-4-MoCB	3	13.161	3.15	2.0	0.616	31
13C-2,2'-DiCB	4	13.477	1.59	2.0	0.578	29
13C-4,4'-DiCB	15	20.552	1.63	2.0	1.46	73
13C-2,2',6-TrCB	19	17.292	1.00	2.0	0.972	49
13C-3,4,4'-TrCB	37	28.353	1.09	2.0	1.75	87
13C-2,2',6,6'-TeCB	54	20.913	0.82	2.0	0.970	49
13C-3,4,4',5-TeCB	81	35.507	0.81	2.0	2.16	108
13C-3,3',4,4'-TeCB	77	36.079	0.80	2.0	2.14	107
13C-2,2',4,6,6'-PeCB	104	27.038	1.57	2.0	1.11	56
13C-2,3,3',4,4'-PeCB	105	39.723	1.65	2.0	2.00	100
13C-2,3,4,4',5-PeCB	114	39.053	1.64	2.0	2.03	101
13C-2,3',4,4',5-PeCB	118	38.500	1.62	2.0	2.06	103
13C-2,3',4,4',5'-PeCB	123	38.164	1.58	2.0	2.05	102
13C-3,3',4,4',5-PeCB	126	42.875	1.65	2.0	2.12	106
13C-2,2',4,4',6,6'-HxCB	155	33.124	1.27	2.0	1.19	60
13C-HxCB(156/157)	156/157	45.966	1.30	4.0	3.68	92
13C-2,3',4,4',5,5'-HxCB	167	44.792	1.30	2.0	1.84	92
13C-3,3',4,4',5,5'-HxCB	169	49.252	1.33	2.0	1.88	94
13C-2,2',3,4',5,6,6'-HpCB	188	39.053	1.02	2.0	1.31	66
13C-2,3,3',4,4',5,5'-HpCB	189	51.825	1.06	2.0	1.74	87
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.557	0.89	2.0	1.40	70
13C-2,3,3',4,4',5,5',6-OcCB	205	54.432	0.90	2.0	1.76	88
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.178	0.79	2.0	1.73	86
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.350	0.80	2.0	1.61	80
13C-DeCB	209	57.837	0.71	2.0	1.82	91
CleanupStandards						
13C-2,4,4'-TrCB	28	23.991	1.02	2.0	1.69	84
13C-2,3,3',5,5'-PeCB	111	36.126	1.56	2.0	1.70	85
13C-2,2',3,3',5,5',6-HpCB	178	42.172	1.04	2.0	1.72	86
Recovery Standards						
13C-2,5-DiCB	9	15.932	1.62	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.986	0.80	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.326	1.59	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.702	1.24	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.937	0.93	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID HR-EB1
Lab Sample ID 10684109004
Filename P240227A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0220
2		---	---	ND	---	0.0220
3		---	---	ND	---	0.0220
4		---	---	ND A	---	0.0388
5		---	---	ND	---	0.0220
6		---	---	ND	---	0.0220
7		---	---	ND	---	0.0220
8		16.960	1.60	0.0301	---	0.0220
9		---	---	ND	---	0.0220
10		---	---	ND	---	0.0220
11		---	---	ND	---	0.216
12	12/13	---	---	ND	---	0.0441
13	12/13	---	---	ND	---	0.0441
14		---	---	ND	---	0.0220
15		---	---	ND	---	0.0291
16		---	---	ND	---	0.0220
17		---	---	ND	---	0.0220
18	18/30	---	---	ND	---	0.0441
19		---	---	ND	---	0.0220
20	20/28	---	---	ND	---	0.114
21	21/33	---	---	ND	---	0.119
22		---	---	ND	---	0.0838
23		---	---	ND	---	0.0220
24		---	---	ND	---	0.0220
25		---	---	ND	---	0.0220
26	26/29	---	---	ND	---	0.0441
27		---	---	ND	---	0.0220
28	20/28	---	---	ND	---	0.114
29	26/29	---	---	ND	---	0.0441
30	18/30	---	---	ND	---	0.0441
31		---	---	ND	---	0.115
32		---	---	ND	---	0.0220
33	21/33	---	---	ND	---	0.119
34		---	---	ND	---	0.0220
35		---	---	ND	---	0.0220
36		---	---	ND	---	0.0220
37		---	---	ND	---	0.0467
38		---	---	ND	---	0.0220
39		---	---	ND	---	0.0220
40	40/41/71	---	---	ND	---	0.0661
41	40/41/71	---	---	ND	---	0.0661
42		---	---	ND	---	0.0220
43	43/73	---	---	ND	---	0.0441
44	44/47/65	---	---	ND	---	0.0661
45	45/51	---	---	ND	---	0.0441
46		---	---	ND	---	0.0220
47	44/47/65	---	---	ND	---	0.0661
48		---	---	ND	---	0.0220

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID HR-EB1
Lab Sample ID 10684109004
Filename P240227A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	---	---	ND	---	0.0441
50	50/53	---	---	ND	---	0.0441
51	45/51	---	---	ND	---	0.0441
52		---	---	ND	---	0.114
53	50/53	---	---	ND	---	0.0441
54		---	---	ND	---	0.0220
55		---	---	ND	---	0.0220
56		---	---	ND	---	0.0220
57		---	---	ND	---	0.0220
58		---	---	ND	---	0.0220
59	59/62/75	---	---	ND	---	0.0661
60		---	---	ND	---	0.0220
61	61/70/74/76	---	---	ND	---	0.0882
62	59/62/75	---	---	ND	---	0.0661
63		---	---	ND	---	0.0220
64		---	---	ND	---	0.0220
65	44/47/65	---	---	ND	---	0.0661
66		---	---	ND	---	0.0520
67		---	---	ND	---	0.0220
68		---	---	ND	---	0.0220
69	49/69	---	---	ND	---	0.0441
70	61/70/74/76	---	---	ND	---	0.0882
71	40/41/71	---	---	ND	---	0.0661
72		---	---	ND	---	0.0220
73	43/73	---	---	ND	---	0.0441
74	61/70/74/76	---	---	ND	---	0.0882
75	59/62/75	---	---	ND	---	0.0661
76	61/70/74/76	---	---	ND	---	0.0882
77		---	---	ND	---	0.0220
78		---	---	ND	---	0.0220
79		---	---	ND	---	0.0220
80		---	---	ND	---	0.0220
81		---	---	ND	---	0.0220
82		---	---	ND	---	0.0220
83		---	---	ND	---	0.0220
84		---	---	ND	---	0.0220
85	85/116/117	---	---	ND	---	0.0661
86	86/87/97/108/119/125	---	---	ND	---	0.132
87	86/87/97/108/119/125	---	---	ND	---	0.132
88	88/91	---	---	ND	---	0.0441
89		---	---	ND	---	0.0220
90	90/101/113	---	---	ND	---	0.0661
91	88/91	---	---	ND	---	0.0441
92		---	---	ND	---	0.0220
93	93/98/100/102	---	---	ND	---	0.0882
94		---	---	ND	---	0.0220
95		---	---	ND	---	0.0617
96		---	---	ND	---	0.0220

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-EB1
Lab Sample ID	10684109004
Filename	P240227A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.132
98	93/98/100/102	---	---	ND	---	0.0882
99		---	---	ND	---	0.0220
100	93/98/100/102	---	---	ND	---	0.0882
101	90/101/113	---	---	ND	---	0.0661
102	93/98/100/102	---	---	ND	---	0.0882
103		---	---	ND	---	0.0220
104		---	---	ND	---	0.0220
105		---	---	ND	---	0.0220
106		---	---	ND	---	0.0220
107	107/124	---	---	ND	---	0.0441
108	86/87/97/108/119/125	---	---	ND	---	0.132
109		---	---	ND	---	0.0220
110	110/115	---	---	ND	---	0.0441
111		---	---	ND	---	0.0220
112		---	---	ND	---	0.0220
113	90/101/113	---	---	ND	---	0.0661
114		---	---	ND	---	0.0220
115	110/115	---	---	ND	---	0.0441
116	85/116/117	---	---	ND	---	0.0661
117	85/116/117	---	---	ND	---	0.0661
118		---	---	ND	---	0.0344
119	86/87/97/108/119/125	---	---	ND	---	0.132
120		---	---	ND	---	0.0220
121		---	---	ND	---	0.0220
122		---	---	ND	---	0.0220
123		---	---	ND	---	0.0220
124	107/124	---	---	ND	---	0.0441
125	86/87/97/108/119/125	---	---	ND	---	0.132
126		---	---	ND	---	0.0220
127		---	---	ND	---	0.0220
128	128/166	---	---	ND	---	0.0441
129	129/138/163	---	---	ND	---	0.0661
130		---	---	ND	---	0.0220
131		---	---	ND	---	0.0220
132		---	---	ND	---	0.0220
133		---	---	ND	---	0.0220
134	134/143	---	---	ND	---	0.0441
135	135/151	---	---	ND	---	0.0441
136		---	---	ND	---	0.0220
137		---	---	ND	---	0.0220
138	129/138/163	---	---	ND	---	0.0661
139	139/140	---	---	ND	---	0.0441
140	139/140	---	---	ND	---	0.0441
141		---	---	ND	---	0.0220
142		---	---	ND	---	0.0220
143	134/143	---	---	ND	---	0.0441
144		---	---	ND	---	0.0220

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID HR-EB1
Lab Sample ID 10684109004
Filename P240227A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0220
146		---	---	ND	---	0.0220
147	147/149	---	---	ND	---	0.0441
148		---	---	ND	---	0.0220
149	147/149	---	---	ND	---	0.0441
150		---	---	ND	---	0.0220
151	135/151	---	---	ND	---	0.0441
152		---	---	ND	---	0.0220
153	153/168	---	---	ND	---	0.0441
154		---	---	ND	---	0.0220
155		---	---	ND	---	0.0220
156	156/157	---	---	ND	---	0.0441
157	156/157	---	---	ND	---	0.0441
158		---	---	ND	---	0.0220
159		---	---	ND	---	0.0220
160		---	---	ND	---	0.0220
161		---	---	ND	---	0.0220
162		---	---	ND	---	0.0220
163	129/138/163	---	---	ND	---	0.0661
164		---	---	ND	---	0.0220
165		---	---	ND	---	0.0220
166	128/166	---	---	ND	---	0.0441
167		---	---	ND	---	0.0220
168	153/168	---	---	ND	---	0.0441
169		---	---	ND	---	0.0220
170		---	---	ND	---	0.0220
171	171/173	---	---	ND	---	0.0441
172		---	---	ND	---	0.0220
173	171/173	---	---	ND	---	0.0441
174		---	---	ND	---	0.0220
175		---	---	ND	---	0.0220
176		---	---	ND	---	0.0220
177		---	---	ND	---	0.0220
178		---	---	ND	---	0.0220
179		---	---	ND	---	0.0220
180	180/193	---	---	ND	---	0.0441
181		---	---	ND	---	0.0220
182		---	---	ND	---	0.0220
183	183/185	---	---	ND	---	0.0441
184		---	---	ND	---	0.0220
185	183/185	---	---	ND	---	0.0441
186		---	---	ND	---	0.0220
187		---	---	ND	---	0.0220
188		---	---	ND	---	0.0220
189		---	---	ND	---	0.0220
190		---	---	ND	---	0.0220
191		---	---	ND	---	0.0220
192		---	---	ND	---	0.0220

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-EB1
Lab Sample ID	10684109004
Filename	P240227A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	---	---	ND	---	0.0441
194		---	---	ND	---	0.0220
195		---	---	ND	---	0.0220
196		---	---	ND	---	0.0220
197	197/200	---	---	ND	---	0.0441
198	198/199	---	---	ND	---	0.0441
199	198/199	---	---	ND	---	0.0441
200	197/200	---	---	ND	---	0.0441
201		---	---	ND	---	0.0220
202		---	---	ND	---	0.0220
203		---	---	ND	---	0.0220
204		---	---	ND	---	0.0220
205		---	---	ND	---	0.0220
206		---	---	ND	---	0.0220
207		---	---	ND	---	0.0220
208		---	---	ND	---	0.0220
209		---	---	ND	---	0.0220

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	HR-EB1
Lab Sample ID	10684109004
Filename	P240227A_09

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.0301
Total Trichloro Biphenyls	ND
Total Tetrachloro Biphenyls	ND
Total Pentachloro Biphenyls	ND
Total Hexachloro Biphenyls	ND
Total Heptachloro Biphenyls	ND
Total Octachloro Biphenyls	ND
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	0.0301

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or

WO#: 70287850

PM: BDR Due Date: 02/29/24

CLIENT: Pace-MN

Company: Arcadis	Billing Information: accountspayable.administration@arcadis.com
Address: 110 Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutson@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185746.3000 Housatonic River BMP	State: MA / County/City: Pittsfield / Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: 315-671-9374 Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): Paul T. Rabasco	Turnaround Date Required: Standard / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis:

Container P: 4

** Preservative Types: (1) ni... (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Profile/Line: 456643

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: TSS Low Level SM2540D*
New Lenox Rd Bridge	WT		02/16/24	13:15				1	X
Near Pittsfield WWTP	WT		02/16/24	14:30				1	X
Pomeroy Avenue Bridge	WT		02/16/24	16:45				1	X

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:
* Please use entire sample for analysis.
Short Hold Time
Refer to Contract

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 7048 1455 6753

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: THI11
Cooler 1 Temp Upon Receipt: 2.1 oC
Cooler 1 Therm Corr. Factor: 0.4 oC
Cooler 1 Corrected Temp: 2.5 °C oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Paul T. Rabasco / Arcadis	02/19/24 17:30	7048 1455 6753	2/20/24 10:02
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature) Byd PZL	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: 10684246
Pace Project No.: 70287850

Sample: New Lenox Rd Bridge **Lab ID: 10684246001** Collected: 02/16/24 13:15 Received: 02/20/24 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.0**	mg/L	2.0	1		02/22/24 10:04		~~D6~~

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: 10684246
Pace Project No.: 70287850

Sample: Near Pittsfield WWTP **Lab ID: 10684246002** Collected: 02/16/24 14:30 Received: 02/20/24 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**3.2**	mg/L	2.0	1		02/22/24 10:04		~~D6~~

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: 10684246
Pace Project No.: 70287850

Sample: Pomeroy Avenue Bridge **Lab ID: 10684246003** Collected: 02/16/24 16:45 Received: 02/20/24 10:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.0	1		02/22/24 10:04		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO#: 10684289

10684289

LAB US — lumber or

Company: Arcadis	Billing Information: accountspayable.administration@arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13214	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146.3000 Housatonic River BMP	State: MA County/City: Pittsfield Time Zone Collected: [ ]PT [ ]MT [ ]CT [✓]ET
Phone: 315-671-9374 Email:	Site/Facility ID #:
Collected By (print): P. Rabasco	Purchase Order #: Quote #:
Collected By (signature): Pamela T. Rabasco	Turnaround Date Required: Standard
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

Container — Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	PCB 1668	Lab Sample # / Comments
Rt. 202 Bridge	WT		02/13/24	16:00				4	X	001
Rt. 341 Bridge	WT		02/13/24	17:45				4	X	002
Canaan Town Line Bridge	WT		02/14/24	13:45				4	X	003
Falls Village Dam	WT		02/14/24	12:30				4	X	004
Bannapo Rd Bridge	WT		02/14/24	15:15				4	X	005
Rising Pond Dam	WT		02/15/24	13:00				4	X	006
Old Pleasant Street Bridge	WT		02/15/24	14:30				4	X	007
HR-D1	WT		02/15/24	—				4	X	008
Woods Pond Dam	WT		02/15/24	15:40				4	X	009
Woods Pond Dam (Lab Dup)	WT		02/15/24	15:40				4	X	010

Customer Remarks / Special Conditions / Possible Hazards:

Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2943437

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: (Y) N NA
Therm ID#: T1
Cooler 1 Temp Upon Receipt: ____ oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: ____ oC
Comments:
2.1/1.4/2.0/2.1/1.4/3.2/3.0

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Pamela T. Rabasco / Arcadis	02/19/24 17:30	Pace	2-20-24 850
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 2

Page 8 of 8

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Report No: 06084289_166868_141

Company: Arcadis	Billing Information: accountspayable, administration @arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13214	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146.3000 Housatonic River BMP	State: MA / County/City: Pittsfield / Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: 315-671-9374 / Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): Emily T. Rabasco	Turnaround Date Required: Standard / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: _____

Container Preservative Type **: 4

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

Lab Profile/Line: 45643

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: PCB 16868	Lab Sample # / Comments
New Lenox Rd Bridge	WT		02/16/24	13:15				4	X	011
Near Pittsfield WWTP	WT		02/16/24	14:30				4	X	012
Pomeroy Avenue Bridge	WT		02/16/24	16:45				4	X	013

Analyses

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards: Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2943438

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: _____

Cooler 1 Temp Upon Receipt: _____oC

Cooler 1 Therm Corr. Factor: _____oC

Cooler 1 Corrected Temp: _____oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Emily T. Rabasco / Arcadis	02/19/24 17:30	Pace	2-20-24 850
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 2 of: 2

Page 9 of 188

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rt. 202 Bridge		
Lab Sample ID	10684289001		
Filename	P240226B_04		
Injected By	AH5		
Total Amount Extracted	1720 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	02/13/2024 16:00
ICAL ID	P240226B02	Received	02/20/2024 08:50
CCal Filename(s)	P240226B_01	Extracted	02/22/2024 13:00
Method Blank ID	BLANK-111249	Analyzed	02/27/2024 00:59

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.481	3.19	2.0	0.794	40
13C-4-MoCB	3	13.285	3.12	2.0	1.10	55
13C-2,2'-DiCB	4	13.590	1.52	2.0	0.976	49
13C-4,4'-DiCB	15	20.695	1.58	2.0	1.64	82
13C-2,2',6-TrCB	19	17.435	1.04	2.0	1.07	54
13C-3,4,4'-TrCB	37	28.500	1.08	2.0	1.73	86
13C-2,2',6,6'-TeCB	54	21.045	0.79	2.0	1.01	50
13C-3,4,4',5-TeCB	81	35.653	0.80	2.0	1.92	96
13C-3,3',4,4'-TeCB	77	36.241	0.81	2.0	1.97	99
13C-2,2',4,6,6'-PeCB	104	27.185	1.56	2.0	1.15	57
13C-2,3,3',4,4'-PeCB	105	39.878	1.59	2.0	1.75	88
13C-2,3,4,4',5-PeCB	114	39.224	1.62	2.0	1.74	87
13C-2,3',4,4',5-PeCB	118	38.671	1.60	2.0	1.75	87
13C-2,3',4,4',5'-PeCB	123	38.319	1.61	2.0	1.75	87
13C-3,3',4,4',5-PeCB	126	43.030	1.59	2.0	1.81	90
13C-2,2',4,4',6,6'-HxCB	155	33.271	1.26	2.0	1.33	67
13C-HxCB (156/157)	156/157	46.138	1.30	4.0	3.21	80
13C-2,3',4,4',5,5'-HxCB	167	44.947	1.29	2.0	1.62	81
13C-3,3',4,4',5,5'-HxCB	169	49.424	1.29	2.0	1.63	81
13C-2,2',3,4',5,6,6'-HpCB	188	39.207	1.02	2.0	1.64	82
13C-2,3,3',4,4',5,5'-HpCB	189	51.992	1.09	2.0	1.73	87
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.712	0.88	2.0	1.64	82
13C-2,3,3',4,4',5,5',6-OcCB	205	54.600	0.90	2.0	1.68	84
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.346	0.82	2.0	1.63	82
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.518	0.80	2.0	1.69	85
13C-DeCB	209	58.005	0.69	2.0	1.69	85
Cleanup Standards						
13C-2,4,4'-TrCB	28	24.123	1.06	2.0	1.74	87
13C-2,3,3',5,5'-PeCB	111	36.272	1.54	2.0	1.65	82
13C-2,2',3,3',5,5',6-HpCB	178	42.326	1.05	2.0	1.74	87
Recovery Standards						
13C-2,5-DiCB	9	16.053	1.61	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	26.134	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.472	1.58	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.873	1.28	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	54.104	0.92	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 202 Bridge
Lab Sample ID 10684289001
Filename P240226B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0233
2		---	---	ND	---	0.0233
3		---	---	ND	---	0.0233
4		13.613	1.58	0.128	---	0.0233
5		---	---	ND	---	0.0233
6		---	---	ND	---	0.0233
7		---	---	ND	---	0.0233
8		---	---	ND	---	0.0233
9		---	---	ND	---	0.0233
10		---	---	ND	---	0.0233
11		---	---	ND	---	0.228
12	12/13	---	---	ND	---	0.0465
13	12/13	---	---	ND	---	0.0465
14		---	---	ND	---	0.0233
15		---	---	ND	---	0.0307
16		---	---	ND	---	0.0233
17		---	---	ND	---	0.0233
18	18/30	---	---	ND	---	0.0465
19		17.446	1.08	0.0669	---	0.0233
20	20/28	---	---	ND	---	0.120
21	21/33	---	---	ND	---	0.126
22		---	---	ND	---	0.0884
23		---	---	ND	---	0.0233
24		---	---	ND	---	0.0233
25		---	---	ND	---	0.0233
26	26/29	---	---	ND	---	0.0465
27		---	---	ND	---	0.0233
28	20/28	---	---	ND	---	0.120
29	26/29	---	---	ND	---	0.0465
30	18/30	---	---	ND	---	0.0465
31		---	---	ND	---	0.121
32		---	---	ND	---	0.0233
33	21/33	---	---	ND	---	0.126
34		---	---	ND	---	0.0233
35		---	---	ND	---	0.0233
36		---	---	ND	---	0.0233
37		---	---	ND	---	0.0493
38		---	---	ND	---	0.0233
39		---	---	ND	---	0.0233
40	40/41/71	---	---	ND	---	0.0698
41	40/41/71	---	---	ND	---	0.0698
42		---	---	ND	---	0.0233
43	43/73	---	---	ND	---	0.0465
44	44/47/65	27.294	0.78	0.129	---	0.0698
45	45/51	24.355	0.77	0.0558	---	0.0465
46		---	---	ND	---	0.0233
47	44/47/65	27.294	0.78	(0.129)	---	0.0698
48		---	---	ND	---	0.0233

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 202 Bridge
Lab Sample ID 10684289001
Filename P240226B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.691	0.78	0.0739	---	0.0465
50	50/53	23.504	0.80	0.0545	---	0.0465
51	45/51	24.355	0.77	(0.0558)	---	0.0465
52		---	---	ND	---	0.120
53	50/53	23.504	0.80	(0.0545)	---	0.0465
54		---	---	ND	---	0.0233
55		---	---	ND	---	0.0233
56		---	---	ND	---	0.0233
57		---	---	ND	---	0.0233
58		---	---	ND	---	0.0233
59	59/62/75	---	---	ND	---	0.0698
60		---	---	ND	---	0.0233
61	61/70/74/76	---	---	ND	---	0.0931
62	59/62/75	---	---	ND	---	0.0698
63		---	---	ND	---	0.0233
64		---	---	ND	---	0.0233
65	44/47/65	27.294	0.78	(0.129)	---	0.0698
66		---	---	ND	---	0.0549
67		---	---	ND	---	0.0233
68		---	---	ND	---	0.0233
69	49/69	26.691	0.78	(0.0739)	---	0.0465
70	61/70/74/76	---	---	ND	---	0.0931
71	40/41/71	---	---	ND	---	0.0698
72		---	---	ND	---	0.0233
73	43/73	---	---	ND	---	0.0465
74	61/70/74/76	---	---	ND	---	0.0931
75	59/62/75	---	---	ND	---	0.0698
76	61/70/74/76	---	---	ND	---	0.0931
77		---	---	ND	---	0.0233
78		---	---	ND	---	0.0233
79		---	---	ND	---	0.0233
80		---	---	ND	---	0.0233
81		---	---	ND	---	0.0233
82		---	---	ND	---	0.0233
83		---	---	ND	---	0.0233
84		---	---	ND	---	0.0233
85	85/116/117	---	---	ND	---	0.0698
86	86/87/97/108/119/125	---	---	ND	---	0.140
87	86/87/97/108/119/125	---	---	ND	---	0.140
88	88/91	---	---	ND	---	0.0465
89		---	---	ND	---	0.0233
90	90/101/113	33.503	1.62	0.0985	---	0.0698
91	88/91	---	---	ND	---	0.0465
92		32.900	1.51	0.0291	---	0.0233
93	93/98/100/102	---	---	ND	---	0.0931
94		---	---	ND	---	0.0233
95		30.378	1.54	0.0719	---	0.0651
96		---	---	ND	---	0.0233

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of PaceAnalytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 202 Bridge
Lab Sample ID 10684289001
Filename P240226B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.140
98	93/98/100/102	---	---	ND	---	0.0931
99		34.137	1.60	0.0430	---	0.0233
100	93/98/100/102	---	---	ND	---	0.0931
101	90/101/113	33.503	1.62	(0.0985)	---	0.0698
102	93/98/100/102	---	---	ND	---	0.0931
103		---	---	ND	---	0.0233
104		---	---	ND	---	0.0233
105		---	---	ND	---	0.0233
106		---	---	ND	---	0.0233
107	107/124	---	---	ND	---	0.0465
108	86/87/97/108/119/125	---	---	ND	---	0.140
109		---	---	ND	---	0.0233
110	110/115	35.561	1.49	0.0776	---	0.0465
111		---	---	ND	---	0.0233
112		---	---	ND	---	0.0233
113	90/101/113	33.503	1.62	(0.0985)	---	0.0698
114		---	---	ND	---	0.0233
115	110/115	35.561	1.49	(0.0776)	---	0.0465
116	85/116/117	---	---	ND	---	0.0698
117	85/116/117	---	---	ND	---	0.0698
118		38.688	1.63	0.0384	---	0.0363
119	86/87/97/108/119/125	---	---	ND	---	0.140
120		---	---	ND	---	0.0233
121		---	---	ND	---	0.0233
122		---	---	ND	---	0.0233
123		---	---	ND	---	0.0233
124	107/124	---	---	ND	---	0.0465
125	86/87/97/108/119/125	---	---	ND	---	0.140
126		---	---	ND	---	0.0233
127		---	---	ND	---	0.0233
128	128/166	---	---	ND	---	0.0465
129	129/138/163	41.890	1.21	0.202	---	0.0698
130		---	---	ND	---	0.0233
131		---	---	ND	---	0.0233
132		38.788	1.22	0.0491	---	0.0233
133		---	---	ND	---	0.0233
134	134/143	---	---	ND	---	0.0465
135	135/151	36.520	1.24	0.0977	---	0.0465
136		34.014	1.20	0.0263	---	0.0233
137		---	---	ND	---	0.0233
138	129/138/163	41.890	1.21	(0.202)	---	0.0698
139	139/140	---	---	ND	---	0.0465
140	139/140	---	---	ND	---	0.0465
141		40.817	1.24	0.0380	---	0.0233
142		---	---	ND	---	0.0233
143	134/143	---	---	ND	---	0.0465
144		---	---	ND	---	0.0233

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt. 202 Bridge
Lab Sample ID	10684289001
Filename	P240226B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0233
146		39.979	1.34	0.0412	---	0.0233
147	147/149	37.497	1.25	0.193	---	0.0465
148		---	---	ND	---	0.0233
149	147/149	37.497	1.25	(0.193)	---	0.0465
150		---	---	ND	---	0.0233
151	135/151	36.520	1.24	(0.0977)	---	0.0465
152		---	---	ND	---	0.0233
153	153/168	40.616	1.26	0.211	---	0.0465
154		---	---	ND	---	0.0233
155		---	---	ND	---	0.0233
156	156/157	---	---	ND	---	0.0465
157	156/157	---	---	ND	---	0.0465
158		---	---	ND	---	0.0233
159		---	---	ND	---	0.0233
160		---	---	ND	---	0.0233
161		---	---	ND	---	0.0233
162		---	---	ND	---	0.0233
163	129/138/163	41.890	1.21	(0.202)	---	0.0698
164		---	---	ND	---	0.0233
165		---	---	ND	---	0.0233
166	128/166	---	---	ND	---	0.0465
167		---	---	ND	---	0.0233
168	153/168	40.616	1.26	(0.211)	---	0.0465
169		---	---	ND	---	0.0233
170		48.837	0.99	0.0634	---	0.0233
171	171/173	---	---	ND	---	0.0465
172		---	---	ND	---	0.0233
173	171/173	---	---	ND	---	0.0465
174		44.159	1.01	0.0795	---	0.0233
175		---	---	ND	---	0.0233
176		---	---	ND	---	0.0233
177		44.595	1.02	0.0488	---	0.0233
178		---	---	ND	---	0.0233
179		39.560	1.05	0.0355	---	0.0233
180	180/193	47.563	1.04	0.161	---	0.0465
181		---	---	ND	---	0.0233
182		---	---	ND	---	0.0233
183	183/185	43.924	1.00	0.0523	---	0.0465
184		---	---	ND	---	0.0233
185	183/185	43.924	1.00	(0.0523)	---	0.0465
186		---	---	ND	---	0.0233
187		43.282	1.05	0.104	---	0.0233
188		---	---	ND	---	0.0233
189		---	---	ND	---	0.0233
190		---	---	ND	---	0.0233
191		---	---	ND	---	0.0233
192		---	---	ND	---	0.0233

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 202 Bridge
Lab Sample ID 10684289001
Filename P240226B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.563	1.04	(0.161)	---	0.0465
194		54.147	0.91	0.0348	---	0.0233
195		---	---	ND	---	0.0233
196		---	---	ND	---	0.0233
197	197/200	---	---	ND	---	0.0465
198	198/199	---	---	ND	---	0.0465
199	198/199	---	---	ND	---	0.0465
200	197/200	---	---	ND	---	0.0465
201		---	---	ND	---	0.0233
202		---	---	ND	---	0.0233
203		50.430	0.91	0.0246	---	0.0233
204		---	---	ND	---	0.0233
205		---	---	ND	---	0.0233
206		---	---	ND	---	0.0233
207		---	---	ND	---	0.0233
208		---	---	ND	---	0.0233
209		---	---	ND	---	0.0233

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rt. 202 Bridge
Lab Sample ID	10684289001
Filename	P240226B_04

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.128
Total Trichloro Biphenyls	0.0669
Total Tetrachloro Biphenyls	0.313
Total Pentachloro Biphenyls	0.359
Total Hexachloro Biphenyls	0.858
Total Heptachloro Biphenyls	0.545
Total Octachloro Biphenyls	0.0594
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	2.33

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rt. 341 Bridge		
Lab Sample ID	10684289002		
Filename	P240226B_05		
Injected By	AH5		
Total Amount Extracted	1670 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	02/13/2024 17:45
ICAL ID	P240226B02	Received	02/20/2024 08:50
CCal Filename(s)	P240226B_01	Extracted	02/22/2024 13:00
Method Blank ID	BLANK-111249	Analyzed	02/27/2024 02:02

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.401	3.08	2.0	0.752	38
13C-4-MoCB	3	13.217	3.14	2.0	1.02	51
13C-2,2'-DiCB	4	13.534	1.53	2.0	0.890	45
13C-4,4'-DiCB	15	20.675	1.62	2.0	1.51	76
13C-2,2',6-TrCB	19	17.392	1.05	2.0	1.02	51
13C-3,4,4'-TrCB	37	28.488	1.08	2.0	1.71	86
13C-2,2',6,6'-TeCB	54	21.031	0.79	2.0	1.00	50
13C-3,4,4',5-TeCB	81	35.659	0.80	2.0	1.92	96
13C-3,3',4,4'-TeCB	77	36.231	0.80	2.0	1.94	97
13C-2,2',4,6,6'-PeCB	104	27.173	1.56	2.0	1.18	59
13C-2,3,3',4,4'-PeCB	105	39.867	1.61	2.0	1.68	84
13C-2,3,4,4',5-PeCB	114	39.213	1.60	2.0	1.66	83
13C-2,3',4,4',5-PeCB	118	38.659	1.60	2.0	1.70	85
13C-2,3',4,4',5'-PeCB	123	38.307	1.61	2.0	1.71	85
13C-3,3',4,4',5-PeCB	126	43.036	1.57	2.0	1.75	88
13C-2,2',4,4',6,6'-HxCB	155	33.260	1.26	2.0	1.31	65
13C-HxCB (156/157)	156/157	46.126	1.28	4.0	3.10	77
13C-2,3',4,4',5,5'-HxCB	167	44.936	1.30	2.0	1.57	79
13C-3,3',4,4',5,5'-HxCB	169	49.413	1.30	2.0	1.61	81
13C-2,2',3,4',5,6,6'-HpCB	188	39.213	1.03	2.0	1.54	77
13C-2,3,3',4,4',5,5'-HpCB	189	51.976	1.08	2.0	1.66	83
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.701	0.92	2.0	1.55	77
13C-2,3,3',4,4',5,5',6-OcCB	205	54.584	0.89	2.0	1.61	81
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.352	0.78	2.0	1.57	78
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.502	0.80	2.0	1.62	81
13C-DeCB	209	58.011	0.68	2.0	1.62	81
Cleanup Standards						
13C-2,4,4'-TrCB	28	24.110	1.06	2.0	1.70	85
13C-2,3,3',5,5'-PeCB	111	36.278	1.59	2.0	1.61	80
13C-2,2',3,3',5,5',6-HpCB	178	42.332	1.04	2.0	1.67	84
Recovery Standards						
13C-2,5-DiCB	9	16.010	1.59	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	26.121	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.477	1.56	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.862	1.28	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	54.110	0.91	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 341 Bridge
Lab Sample ID 10684289002
Filename P240226B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.413	3.11	0.0280	---	0.0239
2		---	---	ND	---	0.0239
3		---	---	ND	---	0.0239
4		13.557	1.50	0.371	---	0.0239
5		---	---	ND	---	0.0239
6		---	---	ND	---	0.0239
7		---	---	ND	---	0.0239
8		---	---	ND	---	0.0239
9		---	---	ND	---	0.0239
10		---	---	ND	---	0.0239
11		---	---	ND	---	0.235
12	12/13	---	---	ND	---	0.0479
13	12/13	---	---	ND	---	0.0479
14		---	---	ND	---	0.0239
15		---	---	ND	---	0.0316
16		---	---	ND	---	0.0239
17		20.111	1.06	0.0393	---	0.0239
18	18/30	---	---	ND	---	0.0479
19		17.414	1.04	0.189	---	0.0239
20	20/28	---	---	ND	---	0.124
21	21/33	---	---	ND	---	0.129
22		---	---	ND	---	0.0910
23		---	---	ND	---	0.0239
24		---	---	ND	---	0.0239
25		---	---	ND	---	0.0239
26	26/29	---	---	ND	---	0.0479
27		20.354	1.02	0.0321	---	0.0239
28	20/28	---	---	ND	---	0.124
29	26/29	---	---	ND	---	0.0479
30	18/30	---	---	ND	---	0.0479
31		---	---	ND	---	0.125
32		21.247	1.03	0.0435	---	0.0239
33	21/33	---	---	ND	---	0.129
34		---	---	ND	---	0.0239
35		---	---	ND	---	0.0239
36		---	---	ND	---	0.0239
37		---	---	ND	---	0.0508
38		---	---	ND	---	0.0239
39		---	---	ND	---	0.0239
40	40/41/71	28.349	0.77	0.0800	---	0.0718
41	40/41/71	28.349	0.77	(0.0800)	---	0.0718
42		27.808	0.78	0.0299	---	0.0239
43	43/73	---	---	ND	---	0.0479
44	44/47/65	27.297	0.79	0.432	---	0.0718
45	45/51	24.326	0.78	0.180	---	0.0479
46		---	---	ND	---	0.0239
47	44/47/65	27.297	0.79	(0.432)	---	0.0718
48		---	---	ND	---	0.0239

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 341 Bridge
Lab Sample ID 10684289002
Filename P240226B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.678	0.78	0.256	---	0.0479
50	50/53	23.491	0.79	0.154	---	0.0479
51	45/51	24.326	0.78	(0.180)	---	0.0479
52		26.152	0.79	0.311	---	0.124
53	50/53	23.491	0.79	(0.154)	---	0.0479
54		21.046	0.77	0.0489	---	0.0239
55		---	---	ND	---	0.0239
56		32.363	0.81	0.0464	---	0.0239
57		---	---	ND	---	0.0239
58		---	---	ND	---	0.0239
59	59/62/75	---	---	ND	---	0.0718
60		---	---	ND	---	0.0239
61	61/70/74/76	31.295	0.82	0.335	---	0.0958
62	59/62/75	---	---	ND	---	0.0718
63		---	---	ND	---	0.0239
64		28.581	0.80	0.0401	---	0.0239
65	44/47/65	27.297	0.79	(0.432)	---	0.0718
66		31.667	0.84	0.127	---	0.0565
67		---	---	ND	---	0.0239
68		---	---	ND	---	0.0239
69	49/69	26.678	0.78	(0.256)	---	0.0479
70	61/70/74/76	31.295	0.82	(0.335)	---	0.0958
71	40/41/71	28.349	0.77	(0.0800)	---	0.0718
72		---	---	ND	---	0.0239
73	43/73	---	---	ND	---	0.0479
74	61/70/74/76	31.295	0.82	(0.335)	---	0.0958
75	59/62/75	---	---	ND	---	0.0718
76	61/70/74/76	31.295	0.82	(0.335)	---	0.0958
77		36.246	0.80	0.188	---	0.0239
78		---	---	ND	---	0.0239
79		---	---	ND	---	0.0239
80		---	---	ND	---	0.0239
81		---	---	ND	---	0.0239
82		35.891	1.55	0.133	---	0.0239
83		33.987	1.64	0.0514	---	0.0239
84		31.527	1.62	0.200	---	0.0239
85	85/116/117	35.396	1.59	0.173	---	0.0718
86	86/87/97/108/119/125	34.730	1.59	0.675	---	0.144
87	86/87/97/108/119/125	34.730	1.59	(0.675)	---	0.144
88	88/91	31.310	1.57	0.156	---	0.0479
89		---	---	ND	---	0.0239
90	90/101/113	33.492	1.56	0.944	---	0.0718
91	88/91	31.310	1.57	(0.156)	---	0.0479
92		32.874	1.58	0.193	---	0.0239
93	93/98/100/102	---	---	ND	---	0.0958
94		---	---	ND	---	0.0239
95		30.382	1.54	0.563	---	0.0671
96		---	---	ND	---	0.0239

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of PaceAnalytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 341 Bridge
Lab Sample ID 10684289002
Filename P240226B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.730	1.59	(0.675)	---	0.144
98	93/98/100/102	---	---	ND	---	0.0958
99		34.111	1.58	0.406	---	0.0239
100	93/98/100/102	---	---	ND	---	0.0958
101	90/101/113	33.492	1.56	(0.944)	---	0.0718
102	93/98/100/102	---	---	ND	---	0.0958
103		29.686	1.59	0.0251	---	0.0239
104		---	---	ND	---	0.0239
105		39.900	1.62	0.578	---	0.0239
106		---	---	ND	---	0.0239
107	107/124	---	---	ND	---	0.0479
108	86/87/97/108/119/125	34.730	1.59	(0.675)	---	0.144
109		38.207	1.58	0.0725	---	0.0239
110	110/115	35.566	1.59	1.41	---	0.0479
111		---	---	ND	---	0.0239
112		---	---	ND	---	0.0239
113	90/101/113	33.492	1.56	(0.944)	---	0.0718
114		---	---	ND	---	0.0239
115	110/115	35.566	1.59	(1.41)	---	0.0479
116	85/116/117	35.396	1.59	(0.173)	---	0.0718
117	85/116/117	35.396	1.59	(0.173)	---	0.0718
118		38.676	1.62	1.00	---	0.0374
119	86/87/97/108/119/125	34.730	1.59	(0.675)	---	0.144
120		---	---	ND	---	0.0239
121		---	---	ND	---	0.0239
122		---	---	ND	---	0.0239
123		---	---	ND	---	0.0239
124	107/124	---	---	ND	---	0.0479
125	86/87/97/108/119/125	34.730	1.59	(0.675)	---	0.144
126		43.053	1.73	0.0382	---	0.0239
127		---	---	ND	---	0.0239
128	128/166	43.187	1.26	0.346	---	0.0479
129	129/138/163	41.896	1.23	2.21	---	0.0718
130		41.225	1.27	0.111	---	0.0239
131		---	---	ND	---	0.0239
132		38.793	1.23	0.615	---	0.0239
133		39.297	1.28	0.0297	---	0.0239
134	134/143	37.703	1.26	0.0917	---	0.0479
135	135/151	36.509	1.24	0.584	---	0.0479
136		34.019	1.25	0.180	---	0.0239
137		41.443	1.28	0.0698	---	0.0239
138	129/138/163	41.896	1.23	(2.21)	---	0.0718
139	139/140	---	---	ND	---	0.0479
140	139/140	---	---	ND	---	0.0479
141		40.806	1.26	0.357	---	0.0239
142		---	---	ND	---	0.0239
143	134/143	37.703	1.26	(0.0917)	---	0.0479
144		37.128	1.29	0.0719	---	0.0239

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of PaceAnalytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 341 Bridge
Lab Sample ID 10684289002
Filename P240226B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0239
146		39.967	1.26	0.263	---	0.0239
147	147/149	37.486	1.25	1.42	---	0.0479
148		---	---	ND	---	0.0239
149	147/149	37.486	1.25	(1.42)	---	0.0479
150		---	---	ND	---	0.0239
151	135/151	36.509	1.24	(0.584)	---	0.0479
152		---	---	ND	---	0.0239
153	153/168	40.604	1.24	1.58	---	0.0479
154		36.819	1.28	0.0293	---	0.0239
155		---	---	ND	---	0.0239
156	156/157	46.126	1.26	0.230	---	0.0479
157	156/157	46.126	1.26	(0.230)	---	0.0479
158		42.298	1.26	0.192	---	0.0239
159		44.148	1.28	0.0257	---	0.0239
160		---	---	ND	---	0.0239
161		---	---	ND	---	0.0239
162		---	---	ND	---	0.0239
163	129/138/163	41.896	1.23	(2.21)	---	0.0718
164		41.560	1.26	0.149	---	0.0239
165		---	---	ND	---	0.0239
166	128/166	43.187	1.26	(0.346)	---	0.0479
167		44.969	1.31	0.0755	---	0.0239
168	153/168	40.604	1.24	(1.58)	---	0.0479
169		---	---	ND	---	0.0239
170		48.843	1.02	0.615	---	0.0239
171	171/173	45.254	1.03	0.190	---	0.0479
172		46.881	1.04	0.105	---	0.0239
173	171/173	45.254	1.03	(0.190)	---	0.0479
174		44.148	1.04	0.649	---	0.0239
175		43.002	0.99	0.0252	---	0.0239
176		40.487	0.99	0.0700	---	0.0239
177		44.600	1.05	0.372	---	0.0239
178		42.348	1.04	0.127	---	0.0239
179		39.565	0.99	0.218	---	0.0239
180	180/193	47.551	1.04	1.36	---	0.0479
181		---	---	ND	---	0.0239
182		---	---	ND	---	0.0239
183	183/185	43.913	1.03	0.408	---	0.0479
184		---	---	ND	---	0.0239
185	183/185	43.913	1.03	(0.408)	---	0.0479
186		---	---	ND	---	0.0239
187		43.287	1.04	0.692	---	0.0239
188		---	---	ND	---	0.0239
189		52.019	1.01	0.0242	---	0.0239
190		49.379	1.03	0.139	---	0.0239
191		47.921	1.02	0.0248	---	0.0239
192		---	---	ND	---	0.0239

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of PaceAnalytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 341 Bridge
Lab Sample ID 10684289002
Filename P240226B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.551	1.04	(1.36)	---	0.0479
194		54.132	0.90	0.292	---	0.0239
195		51.782	0.88	0.132	---	0.0239
196		50.218	0.91	0.158	---	0.0239
197	197/200	46.713	0.86	0.0498	---	0.0479
198	198/199	49.547	0.88	0.309	---	0.0479
199	198/199	49.547	0.88	(0.309)	---	0.0479
200	197/200	46.713	0.86	(0.0498)	---	0.0479
201		45.674	0.94	0.0350	---	0.0239
202		44.735	0.92	0.0488	---	0.0239
203		50.419	0.89	0.186	---	0.0239
204		---	---	ND	---	0.0239
205		---	---	ND	---	0.0239
206		56.373	0.78	0.0686	---	0.0239
207		---	---	ND	---	0.0239
208		---	---	ND	---	0.0239
209		---	---	ND	---	0.0239

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rt. 341 Bridge
Lab Sample ID	10684289002
Filename	P240226B_05

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0280
Total Dichloro Biphenyls	0.371
Total Trichloro Biphenyls	0.304
Total Tetrachloro Biphenyls	2.23
Total Pentachloro Biphenyls	6.61
Total Hexachloro Biphenyls	8.63
Total Heptachloro Biphenyls	5.01
Total Octachloro Biphenyls	1.21
Total Nonachloro Biphenyls	0.0686
DecachloroBiphenyls	ND
Total PCBs	24.5

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Canaan TownLine Bridge		
Lab Sample ID	10684289003		
Filename	P240226B_06		
Injected By	AH5		
Total Amount Extracted	1690 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	02/14/2024 13:45
ICAL ID	P240226B02	Received	02/20/2024 08:50
CCal Filename(s)	P240226B_01	Extracted	02/22/2024 13:00
Method Blank ID	BLANK-111249	Analyzed	02/27/2024 03:05

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.594	3.03	2.0	0.615	31
13C-4-MoCB	3	13.353	3.10	2.0	0.958	48
13C-2,2'-DiCB	4	13.658	1.53	2.0	0.863	43
13C-4,4'-DiCB	15	20.717	1.61	2.0	1.68	84
13C-2,2',6-TrCB	19	17.468	1.05	2.0	1.08	54
13C-3,4,4'-TrCB	37	28.500	1.07	2.0	1.91	95
13C-2,2',6,6'-TeCB	54	21.075	0.82	2.0	1.11	55
13C-3,4,4',5-TeCB	81	35.655	0.79	2.0	2.17	109
13C-3,3',4,4'-TeCB	77	36.243	0.79	2.0	2.22	111
13C-2,2',4,6,6'-PeCB	104	27.185	1.56	2.0	1.32	66
13C-2,3,3',4,4'-PeCB	105	39.880	1.61	2.0	1.92	96
13C-2,3,4,4',5-PeCB	114	39.226	1.61	2.0	1.91	95
13C-2,3',4,4',5-PeCB	118	38.656	1.60	2.0	1.94	97
13C-2,3',4,4',5'-PeCB	123	38.320	1.61	2.0	1.93	97
13C-3,3',4,4',5-PeCB	126	43.049	1.61	2.0	1.99	100
13C-2,2',4,4',6,6'-HxCB	155	33.272	1.26	2.0	1.50	75
13C-HxCB (156/157)	156/157	46.123	1.30	4.0	3.54	88
13C-2,3',4,4',5,5'-HxCB	167	44.949	1.30	2.0	1.80	90
13C-3,3',4,4',5,5'-HxCB	169	49.409	1.27	2.0	1.88	94
13C-2,2',3,4',5,6,6'-HpCB	188	39.209	1.04	2.0	1.77	89
13C-2,3,3',4,4',5,5'-HpCB	189	51.994	1.08	2.0	1.95	98
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.714	0.90	2.0	1.77	88
13C-2,3,3',4,4',5,5',6-OcCB	205	54.602	0.92	2.0	1.84	92
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.370	0.79	2.0	1.82	91
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.520	0.81	2.0	1.84	92
13C-DeCB	209	58.008	0.71	2.0	1.88	94
Cleanup Standards						
13C-2,4,4'-TrCB	28	24.138	1.07	2.0	1.76	88
13C-2,3,3',5,5'-PeCB	111	36.274	1.61	2.0	1.76	88
13C-2,2',3,3',5,5',6-HpCB	178	42.328	1.02	2.0	1.83	91
Recovery Standards						
13C-2,5-DiCB	9	16.097	1.60	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	26.133	0.81	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.473	1.62	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.875	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	54.128	0.91	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Canaan TownLine Bridge
Lab Sample ID	10684289003
Filename	P240226B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.605	2.97	0.0328	---	0.0236
2		---	---	ND	---	0.0236
3		---	---	ND	---	0.0236
4		13.681	1.50	0.466	---	0.0236
5		---	---	ND	---	0.0236
6		---	---	ND	---	0.0236
7		---	---	ND	---	0.0236
8		17.125	1.69	0.0285	---	0.0236
9		---	---	ND	---	0.0236
10		---	---	ND	---	0.0236
11		---	---	ND	---	0.231
12	12/13	---	---	ND	---	0.0472
13	12/13	---	---	ND	---	0.0472
14		---	---	ND	---	0.0236
15		---	---	ND	---	0.0312
16		---	---	ND	---	0.0236
17		20.165	1.01	0.0484	---	0.0236
18	18/30	---	---	ND	---	0.0472
19		17.490	1.03	0.238	---	0.0236
20	20/28	---	---	ND	---	0.122
21	21/33	---	---	ND	---	0.127
22		---	---	ND	---	0.0897
23		---	---	ND	---	0.0236
24		---	---	ND	---	0.0236
25		---	---	ND	---	0.0236
26	26/29	---	---	ND	---	0.0472
27		20.408	1.06	0.0370	---	0.0236
28	20/28	---	---	ND	---	0.122
29	26/29	---	---	ND	---	0.0472
30	18/30	---	---	ND	---	0.0472
31		---	---	ND	---	0.123
32		21.292	1.12	0.0550	---	0.0236
33	21/33	---	---	ND	---	0.127
34		---	---	ND	---	0.0236
35		---	---	ND	---	0.0236
36		---	---	ND	---	0.0236
37		---	---	ND	---	0.0500
38		---	---	ND	---	0.0236
39		---	---	ND	---	0.0236
40	40/41/71	---	---	ND	---	0.0708
41	40/41/71	---	---	ND	---	0.0708
42		27.819	0.80	0.0252	---	0.0236
43	43/73	---	---	ND	---	0.0472
44	44/47/65	27.309	0.77	0.450	---	0.0708
45	45/51	24.355	0.77	0.221	---	0.0472
46		---	---	ND	---	0.0236
47	44/47/65	27.309	0.77	(0.450)	---	0.0708
48		---	---	ND	---	0.0236

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Canaan TownLine Bridge
Lab Sample ID: 10684289003
Filename: P240226B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.690	0.78	0.262	---	0.0472
50	50/53	23.519	0.79	0.178	---	0.0472
51	45/51	24.355	0.77	(0.221)	---	0.0472
52		26.164	0.77	0.231	---	0.122
53	50/53	23.519	0.79	(0.178)	---	0.0472
54		21.091	0.76	0.0610	---	0.0236
55		---	---	ND	---	0.0236
56		---	---	ND	---	0.0236
57		---	---	ND	---	0.0236
58		---	---	ND	---	0.0236
59	59/62/75	---	---	ND	---	0.0708
60		---	---	ND	---	0.0236
61	61/70/74/76	31.307	0.79	0.137	---	0.0944
62	59/62/75	---	---	ND	---	0.0708
63		---	---	ND	---	0.0236
64		---	---	ND	---	0.0236
65	44/47/65	27.309	0.77	(0.450)	---	0.0708
66		31.663	0.81	0.0672	---	0.0557
67		---	---	ND	---	0.0236
68		---	---	ND	---	0.0236
69	49/69	26.690	0.78	(0.262)	---	0.0472
70	61/70/74/76	31.307	0.79	(0.137)	---	0.0944
71	40/41/71	---	---	ND	---	0.0708
72		---	---	ND	---	0.0236
73	43/73	---	---	ND	---	0.0472
74	61/70/74/76	31.307	0.79	(0.137)	---	0.0944
75	59/62/75	---	---	ND	---	0.0708
76	61/70/74/76	31.307	0.79	(0.137)	---	0.0944
77		---	---	ND	---	0.0236
78		---	---	ND	---	0.0236
79		---	---	ND	---	0.0236
80		---	---	ND	---	0.0236
81		---	---	ND	---	0.0236
82		35.903	1.64	0.0301	---	0.0236
83		---	---	ND	---	0.0236
84		31.539	1.57	0.0666	---	0.0236
85	85/116/117	---	---	ND	---	0.0708
86	86/87/97/108/119/125	34.742	1.60	0.228	---	0.142
87	86/87/97/108/119/125	34.742	1.60	(0.228)	---	0.142
88	88/91	31.323	1.50	0.106	---	0.0472
89		---	---	ND	---	0.0236
90	90/101/113	33.504	1.57	0.469	---	0.0708
91	88/91	31.323	1.50	(0.106)	---	0.0472
92		32.885	1.58	0.114	---	0.0236
93	93/98/100/102	---	---	ND	---	0.0944
94		---	---	ND	---	0.0236
95		30.379	1.56	0.302	---	0.0661
96		---	---	ND	---	0.0236

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Canaan TownLine Bridge
Lab Sample ID: 10684289003
Filename: P240226B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.742	1.60	(0.228)	---	0.142
98	93/98/100/102	---	---	ND	---	0.0944
99		34.123	1.61	0.200	---	0.0236
100	93/98/100/102	---	---	ND	---	0.0944
101	90/101/113	33.504	1.57	(0.469)	---	0.0708
102	93/98/100/102	---	---	ND	---	0.0944
103		29.698	1.49	0.0256	---	0.0236
104		---	---	ND	---	0.0236
105		39.897	1.59	0.120	---	0.0236
106		---	---	ND	---	0.0236
107	107/124	---	---	ND	---	0.0472
108	86/87/97/108/119/125	34.742	1.60	(0.228)	---	0.142
109		38.220	1.59	0.0242	---	0.0236
110	110/115	35.562	1.58	0.459	---	0.0472
111		---	---	ND	---	0.0236
112		---	---	ND	---	0.0236
113	90/101/113	33.504	1.57	(0.469)	---	0.0708
114		---	---	ND	---	0.0236
115	110/115	35.562	1.58	(0.459)	---	0.0472
116	85/116/117	---	---	ND	---	0.0708
117	85/116/117	---	---	ND	---	0.0708
118		38.689	1.60	0.292	---	0.0368
119	86/87/97/108/119/125	34.742	1.60	(0.228)	---	0.142
120		---	---	ND	---	0.0236
121		---	---	ND	---	0.0236
122		---	---	ND	---	0.0236
123		---	---	ND	---	0.0236
124	107/124	---	---	ND	---	0.0472
125	86/87/97/108/119/125	34.742	1.60	(0.228)	---	0.142
126		---	---	ND	---	0.0236
127		---	---	ND	---	0.0236
128	128/166	43.200	1.26	0.0823	---	0.0472
129	129/138/163	41.909	1.25	0.866	---	0.0708
130		41.221	1.27	0.0443	---	0.0236
131		---	---	ND	---	0.0236
132		38.790	1.24	0.224	---	0.0236
133		---	---	ND	---	0.0236
134	134/143	---	---	ND	---	0.0472
135	135/151	36.521	1.22	0.368	---	0.0472
136		34.015	1.18	0.109	---	0.0236
137		41.456	1.23	0.0245	---	0.0236
138	129/138/163	41.909	1.25	(0.866)	---	0.0708
139	139/140	---	---	ND	---	0.0472
140	139/140	---	---	ND	---	0.0472
141		40.819	1.27	0.161	---	0.0236
142		---	---	ND	---	0.0236
143	134/143	---	---	ND	---	0.0472
144		37.125	1.18	0.0368	---	0.0236

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Canaan TownLine Bridge
Lab Sample ID: 10684289003
Filename: P240226B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0236
146		39.981	1.28	0.150	---	0.0236
147	147/149	37.499	1.24	0.762	---	0.0472
148		---	---	ND	---	0.0236
149	147/149	37.499	1.24	(0.762)	---	0.0472
150		---	---	ND	---	0.0236
151	135/151	36.521	1.22	(0.368)	---	0.0472
152		---	---	ND	---	0.0236
153	153/168	40.618	1.24	0.798	---	0.0472
154		---	---	ND	---	0.0236
155		---	---	ND	---	0.0236
156	156/157	46.139	1.22	0.0669	---	0.0472
157	156/157	46.139	1.22	(0.0669)	---	0.0472
158		42.311	1.26	0.0662	---	0.0236
159		---	---	ND	---	0.0236
160		---	---	ND	---	0.0236
161		---	---	ND	---	0.0236
162		---	---	ND	---	0.0236
163	129/138/163	41.909	1.25	(0.866)	---	0.0708
164		41.574	1.23	0.0588	---	0.0236
165		---	---	ND	---	0.0236
166	128/166	43.200	1.26	(0.0823)	---	0.0472
167		44.982	1.37	0.0289	---	0.0236
168	153/168	40.618	1.24	(0.798)	---	0.0472
169		---	---	ND	---	0.0236
170		48.856	1.02	0.238	---	0.0236
171	171/173	45.251	1.01	0.0739	---	0.0472
172		46.911	1.10	0.0489	---	0.0236
173	171/173	45.251	1.01	(0.0739)	---	0.0472
174		44.161	1.02	0.284	---	0.0236
175		---	---	ND	---	0.0236
176		40.484	1.05	0.0336	---	0.0236
177		44.614	1.04	0.167	---	0.0236
178		42.362	1.06	0.0662	---	0.0236
179		39.578	1.06	0.130	---	0.0236
180	180/193	47.565	1.03	0.575	---	0.0472
181		---	---	ND	---	0.0236
182		---	---	ND	---	0.0236
183	183/185	43.926	1.03	0.181	---	0.0472
184		---	---	ND	---	0.0236
185	183/185	43.926	1.03	(0.181)	---	0.0472
186		---	---	ND	---	0.0236
187		43.301	1.05	0.348	---	0.0236
188		---	---	ND	---	0.0236
189		---	---	ND	---	0.0236
190		49.392	1.01	0.0549	---	0.0236
191		---	---	ND	---	0.0236
192		---	---	ND	---	0.0236

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Canaan TownLine Bridge
Lab Sample ID: 10684289003
Filename: P240226B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.565	1.03	(0.575)	---	0.0472
194		54.150	0.89	0.119	---	0.0236
195		51.800	0.91	0.0524	---	0.0236
196		50.231	0.85	0.0612	---	0.0236
197	197/200	---	---	ND	---	0.0472
198	198/199	49.560	0.91	0.132	---	0.0472
199	198/199	49.560	0.91	(0.132)	---	0.0472
200	197/200	---	---	ND	---	0.0472
201		---	---	ND	---	0.0236
202		44.748	0.99	0.0237	---	0.0236
203		50.449	0.88	0.0795	---	0.0236
204		---	---	ND	---	0.0236
205		---	---	ND	---	0.0236
206		56.370	0.77	0.0285	---	0.0236
207		---	---	ND	---	0.0236
208		---	---	ND	---	0.0236
209		---	---	ND	---	0.0236

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Canaan TownLine Bridge
Lab Sample ID	10684289003
Filename	P240226B_06

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0328
Total Dichloro Biphenyls	0.494
Total Trichloro Biphenyls	0.379
Total Tetrachloro Biphenyls	1.63
Total Pentachloro Biphenyls	2.44
Total Hexachloro Biphenyls	3.85
Total Heptachloro Biphenyls	2.20
Total Octachloro Biphenyls	0.467
Total Nonachloro Biphenyls	0.0285
DecachloroBiphenyls	ND
Total PCBs	11.5

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Falls Village Dam		
Lab Sample ID	10684289004		
Filename	P240226B_07		
Injected By	AH5		
Total Amount Extracted	1920 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	02/14/2024 12:30
ICAL ID	P240226B02	Received	02/20/2024 08:50
CCal Filename(s)	P240226B_01	Extracted	02/22/2024 13:00
Method Blank ID	BLANK-111249	Analyzed	02/27/2024 04:08

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.447	3.05	2.0	0.942	47
13C-4-MoCB	3	13.251	3.10	2.0	1.27	64
13C-2,2'-DiCB	4	13.568	1.56	2.0	1.15	58
13C-4,4'-DiCB	15	20.684	1.61	2.0	1.80	90
13C-2,2',6-TrCB	19	17.413	1.05	2.0	1.26	63
13C-3,4,4'-TrCB	37	28.485	1.08	2.0	1.78	89
13C-2,2',6,6'-TeCB	54	21.029	0.82	2.0	1.19	60
13C-3,4,4',5-TeCB	81	35.653	0.80	2.0	1.99	100
13C-3,3',4,4'-TeCB	77	36.241	0.80	2.0	2.04	102
13C-2,2',4,6,6'-PeCB	104	27.170	1.58	2.0	1.27	63
13C-2,3,3',4,4'-PeCB	105	39.861	1.59	2.0	1.79	90
13C-2,3,4,4',5-PeCB	114	39.207	1.61	2.0	1.76	88
13C-2,3',4,4',5-PeCB	118	38.654	1.59	2.0	1.78	89
13C-2,3',4,4',5'-PeCB	123	38.318	1.60	2.0	1.79	89
13C-3,3',4,4',5-PeCB	126	43.031	1.60	2.0	1.82	91
13C-2,2',4,4',6,6'-HxCB	155	33.271	1.25	2.0	1.41	70
13C-HxCB (156/157)	156/157	46.121	1.31	4.0	3.22	81
13C-2,3',4,4',5,5'-HxCB	167	44.947	1.29	2.0	1.63	81
13C-3,3',4,4',5,5'-HxCB	169	49.408	1.30	2.0	1.66	83
13C-2,2',3,4',5,6,6'-HpCB	188	39.207	1.04	2.0	1.68	84
13C-2,3,3',4,4',5,5'-HpCB	189	51.971	1.08	2.0	1.77	88
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.713	0.87	2.0	1.67	84
13C-2,3,3',4,4',5,5',6-OcCB	205	54.601	0.89	2.0	1.67	83
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.347	0.78	2.0	1.65	82
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.519	0.81	2.0	1.71	85
13C-DeCB	209	58.006	0.68	2.0	1.69	85
Cleanup Standards						
13C-2,4,4'-TrCB	28	24.123	1.07	2.0	1.80	90
13C-2,3,3',5,5'-PeCB	111	36.272	1.62	2.0	1.73	86
13C-2,2',3,3',5,5',6-HpCB	178	42.326	1.05	2.0	1.77	89
Recovery Standards						
13C-2,5-DiCB	9	16.031	1.61	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	26.118	0.76	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.472	1.61	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.874	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	54.105	0.90	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10684289004
Filename	P240226B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.458	3.15	0.0317	---	0.0208
2		---	---	ND	---	0.0208
3		---	---	ND	---	0.0208
4		13.579	1.55	0.448	---	0.0208
5		---	---	ND	---	0.0208
6		---	---	ND	---	0.0208
7		---	---	ND	---	0.0208
8		17.070	1.35	0.0219	---	0.0208
9		---	---	ND	---	0.0208
10		---	---	ND	---	0.0208
11		---	---	ND	---	0.204
12	12/13	---	---	ND	---	0.0416
13	12/13	---	---	ND	---	0.0416
14		---	---	ND	---	0.0208
15		---	---	ND	---	0.0275
16		---	---	ND	---	0.0208
17		20.121	1.02	0.0534	---	0.0208
18	18/30	---	---	ND	---	0.0416
19		17.435	1.02	0.247	---	0.0208
20	20/28	---	---	ND	---	0.107
21	21/33	---	---	ND	---	0.112
22		---	---	ND	---	0.0791
23		---	---	ND	---	0.0208
24		---	---	ND	---	0.0208
25		23.458	1.04	0.0219	---	0.0208
26	26/29	---	---	ND	---	0.0416
27		20.364	1.05	0.0436	---	0.0208
28	20/28	---	---	ND	---	0.107
29	26/29	---	---	ND	---	0.0416
30	18/30	---	---	ND	---	0.0416
31		---	---	ND	---	0.108
32		21.261	1.08	0.0592	---	0.0208
33	21/33	---	---	ND	---	0.112
34		---	---	ND	---	0.0208
35		---	---	ND	---	0.0208
36		---	---	ND	---	0.0208
37		---	---	ND	---	0.0441
38		---	---	ND	---	0.0208
39		---	---	ND	---	0.0208
40	40/41/71	28.346	0.78	0.0711	---	0.0625
41	40/41/71	28.346	0.78	(0.0711)	---	0.0625
42		27.804	0.77	0.0252	---	0.0208
43	43/73	---	---	ND	---	0.0416
44	44/47/65	27.294	0.78	0.503	---	0.0625
45	45/51	24.339	0.79	0.264	---	0.0416
46		---	---	ND	---	0.0208
47	44/47/65	27.294	0.78	(0.503)	---	0.0625
48		---	---	ND	---	0.0208

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Falls Village Dam
Lab Sample ID: 10684289004
Filename: P240226B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.691	0.77	0.291	---	0.0416
50	50/53	23.489	0.78	0.217	---	0.0416
51	45/51	24.339	0.79	(0.264)	---	0.0416
52		26.149	0.77	0.218	---	0.107
53	50/53	23.489	0.78	(0.217)	---	0.0416
54		21.060	0.74	0.0671	---	0.0208
55		---	---	ND	---	0.0208
56		---	---	ND	---	0.0208
57		---	---	ND	---	0.0208
58		---	---	ND	---	0.0208
59	59/62/75	---	---	ND	---	0.0625
60		---	---	ND	---	0.0208
61	61/70/74/76	---	---	ND	---	0.0833
62	59/62/75	---	---	ND	---	0.0625
63		---	---	ND	---	0.0208
64		---	---	ND	---	0.0208
65	44/47/65	27.294	0.78	(0.503)	---	0.0625
66		---	---	ND	---	0.0491
67		---	---	ND	---	0.0208
68		---	---	ND	---	0.0208
69	49/69	26.691	0.77	(0.291)	---	0.0416
70	61/70/74/76	---	---	ND	---	0.0833
71	40/41/71	28.346	0.78	(0.0711)	---	0.0625
72		---	---	ND	---	0.0208
73	43/73	---	---	ND	---	0.0416
74	61/70/74/76	---	---	ND	---	0.0833
75	59/62/75	---	---	ND	---	0.0625
76	61/70/74/76	---	---	ND	---	0.0833
77		---	---	ND	---	0.0208
78		---	---	ND	---	0.0208
79		---	---	ND	---	0.0208
80		---	---	ND	---	0.0208
81		---	---	ND	---	0.0208
82		---	---	ND	---	0.0208
83		---	---	ND	---	0.0208
84		31.539	1.52	0.0359	---	0.0208
85	85/116/117	---	---	ND	---	0.0625
86	86/87/97/108/119/125	---	---	ND	---	0.125
87	86/87/97/108/119/125	---	---	ND	---	0.125
88	88/91	31.307	1.53	0.103	---	0.0416
89		---	---	ND	---	0.0208
90	90/101/113	33.503	1.57	0.358	---	0.0625
91	88/91	31.307	1.53	(0.103)	---	0.0416
92		32.884	1.59	0.103	---	0.0208
93	93/98/100/102	---	---	ND	---	0.0833
94		---	---	ND	---	0.0208
95		30.378	1.61	0.259	---	0.0583
96		---	---	ND	---	0.0208

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10684289004
Filename	P240226B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.125
98	93/98/100/102	---	---	ND	---	0.0833
99		34.122	1.51	0.147	---	0.0208
100	93/98/100/102	---	---	ND	---	0.0833
101	90/101/113	33.503	1.57	(0.358)	---	0.0625
102	93/98/100/102	---	---	ND	---	0.0833
103		29.682	1.58	0.0302	---	0.0208
104		---	---	ND	---	0.0208
105		39.878	1.52	0.0292	---	0.0208
106		---	---	ND	---	0.0208
107	107/124	---	---	ND	---	0.0416
108	86/87/97/108/119/125	---	---	ND	---	0.125
109		---	---	ND	---	0.0208
110	110/115	35.561	1.60	0.257	---	0.0416
111		---	---	ND	---	0.0208
112		---	---	ND	---	0.0208
113	90/101/113	33.503	1.57	(0.358)	---	0.0625
114		---	---	ND	---	0.0208
115	110/115	35.561	1.60	(0.257)	---	0.0416
116	85/116/117	---	---	ND	---	0.0625
117	85/116/117	---	---	ND	---	0.0625
118		38.671	1.56	0.113	---	0.0325
119	86/87/97/108/119/125	---	---	ND	---	0.125
120		---	---	ND	---	0.0208
121		---	---	ND	---	0.0208
122		---	---	ND	---	0.0208
123		---	---	ND	---	0.0208
124	107/124	---	---	ND	---	0.0416
125	86/87/97/108/119/125	---	---	ND	---	0.125
126		---	---	ND	---	0.0208
127		---	---	ND	---	0.0208
128	128/166	43.198	1.20	0.0484	---	0.0416
129	129/138/163	41.890	1.25	0.700	---	0.0625
130		41.236	1.26	0.0332	---	0.0208
131		---	---	ND	---	0.0208
132		38.788	1.26	0.180	---	0.0208
133		---	---	ND	---	0.0208
134	134/143	---	---	ND	---	0.0416
135	135/151	36.520	1.26	0.365	---	0.0416
136		34.029	1.25	0.107	---	0.0208
137		---	---	ND	---	0.0208
138	129/138/163	41.890	1.25	(0.700)	---	0.0625
139	139/140	---	---	ND	---	0.0416
140	139/140	---	---	ND	---	0.0416
141		40.817	1.26	0.141	---	0.0208
142		---	---	ND	---	0.0208
143	134/143	---	---	ND	---	0.0416
144		37.138	1.19	0.0323	---	0.0208

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Falls Village Dam
Lab Sample ID: 10684289004
Filename: P240226B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0208
146		39.962	1.26	0.141	---	0.0208
147	147/149	37.497	1.24	0.724	---	0.0416
148		---	---	ND	---	0.0208
149	147/149	37.497	1.24	(0.724)	---	0.0416
150		---	---	ND	---	0.0208
151	135/151	36.520	1.26	(0.365)	---	0.0416
152		---	---	ND	---	0.0208
153	153/168	40.616	1.26	0.725	---	0.0416
154		36.814	1.29	0.0211	---	0.0208
155		---	---	ND	---	0.0208
156	156/157	---	---	ND	---	0.0416
157	156/157	---	---	ND	---	0.0416
158		42.310	1.16	0.0469	---	0.0208
159		---	---	ND	---	0.0208
160		---	---	ND	---	0.0208
161		---	---	ND	---	0.0208
162		---	---	ND	---	0.0208
163	129/138/163	41.890	1.25	(0.700)	---	0.0625
164		41.572	1.23	0.0516	---	0.0208
165		---	---	ND	---	0.0208
166	128/166	43.198	1.20	(0.0484)	---	0.0416
167		---	---	ND	---	0.0208
168	153/168	40.616	1.26	(0.725)	---	0.0416
169		---	---	ND	---	0.0208
170		48.854	1.03	0.221	---	0.0208
171	171/173	45.249	1.07	0.0696	---	0.0416
172		46.893	1.07	0.0470	---	0.0208
173	171/173	45.249	1.07	(0.0696)	---	0.0416
174		44.159	1.05	0.284	---	0.0208
175		---	---	ND	---	0.0208
176		40.482	1.08	0.0358	---	0.0208
177		44.595	1.07	0.167	---	0.0208
178		42.343	1.05	0.0704	---	0.0208
179		39.576	1.03	0.133	---	0.0208
180	180/193	47.563	1.03	0.552	---	0.0416
181		---	---	ND	---	0.0208
182		---	---	ND	---	0.0208
183	183/185	43.924	1.02	0.180	---	0.0416
184		---	---	ND	---	0.0208
185	183/185	43.924	1.02	(0.180)	---	0.0416
186		---	---	ND	---	0.0208
187		43.282	1.04	0.354	---	0.0208
188		---	---	ND	---	0.0208
189		---	---	ND	---	0.0208
190		49.391	1.05	0.0516	---	0.0208
191		---	---	ND	---	0.0208
192		---	---	ND	---	0.0208

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10684289004
Filename	P240226B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.563	1.03	(0.552)	---	0.0416
194		54.127	0.94	0.112	---	0.0208
195		51.777	0.89	0.0515	---	0.0208
196		50.230	0.84	0.0585	---	0.0208
197	197/200	---	---	ND	---	0.0416
198	198/199	49.559	0.92	0.134	---	0.0416
199	198/199	49.559	0.92	(0.134)	---	0.0416
200	197/200	---	---	ND	---	0.0416
201		---	---	ND	---	0.0208
202		44.729	0.90	0.0258	---	0.0208
203		50.431	0.88	0.0779	---	0.0208
204		---	---	ND	---	0.0208
205		---	---	ND	---	0.0208
206		56.368	0.80	0.0284	---	0.0208
207		---	---	ND	---	0.0208
208		---	---	ND	---	0.0208
209		---	---	ND	---	0.0208

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10684289004
Filename	P240226B_07

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0317
Total Dichloro Biphenyls	0.470
Total Trichloro Biphenyls	0.425
Total Tetrachloro Biphenyls	1.66
Total Pentachloro Biphenyls	1.43
Total Hexachloro Biphenyls	3.32
Total Heptachloro Biphenyls	2.17
Total Octachloro Biphenyls	0.460
Total Nonachloro Biphenyls	0.0284
DecachloroBiphenyls	ND
Total PCBs	9.99

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rannapo Rd Bridge		
Lab Sample ID	10684289005		
Filename	P240226B_08		
Injected By	AH5		
Total Amount Extracted	1660 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	02/14/2024 15:15
ICAL ID	P240226B02	Received	02/20/2024 08:50
CCal Filename(s)	P240226B_01	Extracted	02/22/2024 13:00
Method Blank ID	BLANK-111249	Analyzed	02/27/2024 05:12

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.447	3.12	2.0	0.616	31
13C-4-MoCB	3	13.262	3.05	2.0	0.804	40
13C-2,2'-DiCB	4	13.568	1.52	2.0	0.726	36
13C-4,4'-DiCB	15	20.685	1.60	2.0	1.14	57
13C-2,2',6-TrCB	19	17.413	1.04	2.0	0.788	39
13C-3,4,4'-TrCB	37	28.503	1.06	2.0	1.45	72
13C-2,2',6,6'-TeCB	54	21.045	0.80	2.0	0.708	35
13C-3,4,4',5-TeCB	81	35.673	0.80	2.0	1.79	89
13C-3,3',4,4'-TeCB	77	36.245	0.80	2.0	1.87	94
13C-2,2',4,6,6'-PeCB	104	27.188	1.55	2.0	0.768	38
13C-2,3,3',4,4'-PeCB	105	39.882	1.61	2.0	1.62	81
13C-2,3,4,4',5-PeCB	114	39.228	1.62	2.0	1.58	79
13C-2,3',4,4',5-PeCB	118	38.658	1.62	2.0	1.59	79
13C-2,3',4,4',5'-PeCB	123	38.322	1.59	2.0	1.59	79
13C-3,3',4,4',5-PeCB	126	43.051	1.58	2.0	1.69	84
13C-2,2',4,4',6,6'-HxCB	155	33.275	1.24	2.0	1.03	51
13C-HxCB (156/157)	156/157	46.142	1.31	4.0	2.95	74
13C-2,3',4,4',5,5'-HxCB	167	44.951	1.30	2.0	1.48	74
13C-3,3',4,4',5,5'-HxCB	169	49.429	1.27	2.0	1.50	75
13C-2,2',3,4',5,6,6'-HpCB	188	39.211	1.03	2.0	1.47	73
13C-2,3,3',4,4',5,5'-HpCB	189	51.996	1.08	2.0	1.60	80
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.717	0.91	2.0	1.48	74
13C-2,3,3',4,4',5,5',6-OcCB	205	54.604	0.88	2.0	1.54	77
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.372	0.79	2.0	1.51	75
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.522	0.78	2.0	1.55	77
13C-DeCB	209	58.010	0.69	2.0	1.57	79
Cleanup Standards						
13C-2,4,4'-TrCB	28	24.124	1.07	2.0	1.63	81
13C-2,3,3',5,5'-PeCB	111	36.292	1.58	2.0	1.55	78
13C-2,2',3,3',5,5',6-HpCB	178	42.330	1.07	2.0	1.60	80
Recovery Standards						
13C-2,5-DiCB	9	16.042	1.61	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	26.136	0.80	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.491	1.62	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.877	1.29	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	54.130	0.89	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Rannapo Rd Bridge
Lab Sample ID: 10684289005
Filename: P240226B_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.458	3.35	0.0518	---	0.0240
2		---	---	ND	---	0.0240
3		---	---	ND	---	0.0240
4		13.590	1.55	0.786	---	0.0240
5		---	---	ND	---	0.0240
6		---	---	ND	---	0.0240
7		---	---	ND	---	0.0240
8		17.070	1.49	0.0379	---	0.0240
9		---	---	ND	---	0.0240
10		13.816	1.33	0.0268	---	0.0240
11		---	---	ND	---	0.236
12	12/13	---	---	ND	---	0.0481
13	12/13	---	---	ND	---	0.0481
14		---	---	ND	---	0.0240
15		20.707	1.55	0.0415	---	0.0317
16		---	---	ND	---	0.0240
17		20.132	1.08	0.0812	---	0.0240
18	18/30	19.646	1.07	0.0622	---	0.0481
19		17.435	1.08	0.451	---	0.0240
20	20/28	---	---	ND	---	0.124
21	21/33	---	---	ND	---	0.130
22		---	---	ND	---	0.0913
23		---	---	ND	---	0.0240
24		---	---	ND	---	0.0240
25		23.490	1.11	0.0330	---	0.0240
26	26/29	---	---	ND	---	0.0481
27		20.375	1.02	0.0667	---	0.0240
28	20/28	---	---	ND	---	0.124
29	26/29	---	---	ND	---	0.0481
30	18/30	19.646	1.07	(0.0622)	---	0.0481
31		---	---	ND	---	0.125
32		21.262	1.04	0.0905	---	0.0240
33	21/33	---	---	ND	---	0.130
34		---	---	ND	---	0.0240
35		---	---	ND	---	0.0240
36		---	---	ND	---	0.0240
37		---	---	ND	---	0.0509
38		---	---	ND	---	0.0240
39		---	---	ND	---	0.0240
40	40/41/71	28.364	0.79	0.108	---	0.0721
41	40/41/71	28.364	0.79	(0.108)	---	0.0721
42		27.822	0.77	0.0387	---	0.0240
43	43/73	---	---	ND	---	0.0481
44	44/47/65	27.312	0.76	0.703	---	0.0721
45	45/51	24.341	0.77	0.364	---	0.0481
46		---	---	ND	---	0.0240
47	44/47/65	27.312	0.76	(0.703)	---	0.0721
48		---	---	ND	---	0.0240

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rannapo Rd Bridge
Lab Sample ID 10684289005
Filename P240226B_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.708	0.78	0.412	---	0.0481
50	50/53	23.505	0.78	0.292	---	0.0481
51	45/51	24.341	0.77	(0.364)	---	0.0481
52		26.151	0.78	0.335	---	0.124
53	50/53	23.505	0.78	(0.292)	---	0.0481
54		21.060	0.80	0.130	---	0.0240
55		---	---	ND	---	0.0240
56		---	---	ND	---	0.0240
57		---	---	ND	---	0.0240
58		---	---	ND	---	0.0240
59	59/62/75	---	---	ND	---	0.0721
60		---	---	ND	---	0.0240
61	61/70/74/76	31.325	0.79	0.139	---	0.0961
62	59/62/75	---	---	ND	---	0.0721
63		---	---	ND	---	0.0240
64		28.596	0.81	0.0250	---	0.0240
65	44/47/65	27.312	0.76	(0.703)	---	0.0721
66		31.681	0.78	0.0860	---	0.0567
67		---	---	ND	---	0.0240
68		---	---	ND	---	0.0240
69	49/69	26.708	0.78	(0.412)	---	0.0481
70	61/70/74/76	31.325	0.79	(0.139)	---	0.0961
71	40/41/71	28.364	0.79	(0.108)	---	0.0721
72		---	---	ND	---	0.0240
73	43/73	---	---	ND	---	0.0481
74	61/70/74/76	31.325	0.79	(0.139)	---	0.0961
75	59/62/75	---	---	ND	---	0.0721
76	61/70/74/76	31.325	0.79	(0.139)	---	0.0961
77		---	---	ND	---	0.0240
78		---	---	ND	---	0.0240
79		---	---	ND	---	0.0240
80		---	---	ND	---	0.0240
81		---	---	ND	---	0.0240
82		35.905	1.56	0.0325	---	0.0240
83		---	---	ND	---	0.0240
84		31.542	1.57	0.0772	---	0.0240
85	85/116/117	35.410	1.53	0.0735	---	0.0721
86	86/87/97/108/119/125	34.652	1.53	0.264	---	0.144
87	86/87/97/108/119/125	34.652	1.53	(0.264)	---	0.144
88	88/91	31.310	1.50	0.152	---	0.0481
89		---	---	ND	---	0.0240
90	90/101/113	33.507	1.56	0.614	---	0.0721
91	88/91	31.310	1.50	(0.152)	---	0.0481
92		32.888	1.52	0.160	---	0.0240
93	93/98/100/102	30.645	1.55	0.111	---	0.0961
94		29.933	1.53	0.0282	---	0.0240
95		30.397	1.56	0.403	---	0.0673
96		---	---	ND	---	0.0240

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Rannapo Rd Bridge
Lab Sample ID: 10684289005
Filename: P240226B_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.652	1.53	(0.264)	---	0.144
98	93/98/100/102	30.645	1.55	(0.111)	---	0.0961
99		34.141	1.54	0.264	---	0.0240
100	93/98/100/102	30.645	1.55	(0.111)	---	0.0961
101	90/101/113	33.507	1.56	(0.614)	---	0.0721
102	93/98/100/102	30.645	1.55	(0.111)	---	0.0961
103		29.701	1.61	0.0398	---	0.0240
104		---	---	ND	---	0.0240
105		39.899	1.59	0.117	---	0.0240
106		---	---	ND	---	0.0240
107	107/124	---	---	ND	---	0.0481
108	86/87/97/108/119/125	34.652	1.53	(0.264)	---	0.144
109		38.239	1.65	0.0292	---	0.0240
110	110/115	35.564	1.54	0.564	---	0.0481
111		---	---	ND	---	0.0240
112		---	---	ND	---	0.0240
113	90/101/113	33.507	1.56	(0.614)	---	0.0721
114		---	---	ND	---	0.0240
115	110/115	35.564	1.54	(0.564)	---	0.0481
116	85/116/117	35.410	1.53	(0.0735)	---	0.0721
117	85/116/117	35.410	1.53	(0.0735)	---	0.0721
118		38.691	1.62	0.318	---	0.0375
119	86/87/97/108/119/125	34.652	1.53	(0.264)	---	0.144
120		---	---	ND	---	0.0240
121		---	---	ND	---	0.0240
122		---	---	ND	---	0.0240
123		---	---	ND	---	0.0240
124	107/124	---	---	ND	---	0.0481
125	86/87/97/108/119/125	34.652	1.53	(0.264)	---	0.144
126		---	---	ND	---	0.0240
127		---	---	ND	---	0.0240
128	128/166	43.202	1.26	0.107	---	0.0481
129	129/138/163	41.911	1.28	1.20	---	0.0721
130		41.223	1.18	0.0607	---	0.0240
131		---	---	ND	---	0.0240
132		38.809	1.25	0.308	---	0.0240
133		39.312	1.29	0.0258	---	0.0240
134	134/143	37.719	1.29	0.0505	---	0.0481
135	135/151	36.523	1.24	0.533	---	0.0481
136		34.033	1.24	0.157	---	0.0240
137		41.458	1.19	0.0260	---	0.0240
138	129/138/163	41.911	1.28	(1.20)	---	0.0721
139	139/140	---	---	ND	---	0.0481
140	139/140	---	---	ND	---	0.0481
141		40.821	1.23	0.221	---	0.0240
142		---	---	ND	---	0.0240
143	134/143	37.719	1.29	(0.0505)	---	0.0481
144		37.142	1.24	0.0526	---	0.0240

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Rannapo Rd Bridge
Lab Sample ID: 10684289005
Filename: P240226B_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0240
146		39.983	1.27	0.210	---	0.0240
147	147/149	37.501	1.26	1.10	---	0.0481
148		---	---	ND	---	0.0240
149	147/149	37.501	1.26	(1.10)	---	0.0481
150		---	---	ND	---	0.0240
151	135/151	36.523	1.24	(0.533)	---	0.0481
152		---	---	ND	---	0.0240
153	153/168	40.620	1.24	1.15	---	0.0481
154		36.818	1.16	0.0312	---	0.0240
155		---	---	ND	---	0.0240
156	156/157	46.142	1.39	0.0743	---	0.0481
157	156/157	46.142	1.39	(0.0743)	---	0.0481
158		42.313	1.24	0.0869	---	0.0240
159		---	---	ND	---	0.0240
160		---	---	ND	---	0.0240
161		---	---	ND	---	0.0240
162		---	---	ND	---	0.0240
163	129/138/163	41.911	1.28	(1.20)	---	0.0721
164		41.576	1.25	0.0864	---	0.0240
165		---	---	ND	---	0.0240
166	128/166	43.202	1.26	(0.107)	---	0.0481
167		44.968	1.23	0.0345	---	0.0240
168	153/168	40.620	1.24	(1.15)	---	0.0481
169		---	---	ND	---	0.0240
170		48.841	1.03	0.337	---	0.0240
171	171/173	45.270	1.05	0.108	---	0.0481
172		46.896	1.04	0.0668	---	0.0240
173	171/173	45.270	1.05	(0.108)	---	0.0481
174		44.163	1.05	0.419	---	0.0240
175		---	---	ND	---	0.0240
176		40.502	1.09	0.0511	---	0.0240
177		44.616	1.03	0.245	---	0.0240
178		42.364	1.01	0.102	---	0.0240
179		39.580	1.01	0.187	---	0.0240
180	180/193	47.567	1.05	0.830	---	0.0481
181		---	---	ND	---	0.0240
182		---	---	ND	---	0.0240
183	183/185	43.929	1.06	0.261	---	0.0481
184		---	---	ND	---	0.0240
185	183/185	43.929	1.06	(0.261)	---	0.0481
186		---	---	ND	---	0.0240
187		43.303	1.03	0.506	---	0.0240
188		---	---	ND	---	0.0240
189		---	---	ND	---	0.0240
190		49.395	1.04	0.0767	---	0.0240
191		---	---	ND	---	0.0240
192		---	---	ND	---	0.0240

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Rannapo Rd Bridge
Lab Sample ID: 10684289005
Filename: P240226B_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.567	1.05	(0.830)	---	0.0481
194		54.152	0.91	0.168	---	0.0240
195		51.803	0.91	0.0769	---	0.0240
196		50.233	0.88	0.0872	---	0.0240
197	197/200	---	---	ND	---	0.0481
198	198/199	49.563	0.88	0.194	---	0.0481
199	198/199	49.563	0.88	(0.194)	---	0.0481
200	197/200	---	---	ND	---	0.0481
201		---	---	ND	---	0.0240
202		44.750	0.88	0.0361	---	0.0240
203		50.435	0.86	0.119	---	0.0240
204		---	---	ND	---	0.0240
205		---	---	ND	---	0.0240
206		56.393	0.76	0.0441	---	0.0240
207		---	---	ND	---	0.0240
208		---	---	ND	---	0.0240
209		---	---	ND	---	0.0240

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rannapo Rd Bridge
Lab Sample ID	10684289005
Filename	P240226B_08

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0518
Total Dichloro Biphenyls	0.893
Total Trichloro Biphenyls	0.785
Total Tetrachloro Biphenyls	2.63
Total Pentachloro Biphenyls	3.25
Total Hexachloro Biphenyls	5.51
Total Heptachloro Biphenyls	3.19
Total Octachloro Biphenyls	0.681
Total Nonachloro Biphenyls	0.0441
DecachloroBiphenyls	ND
Total PCBs	17.0

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rising Pond Dam		
Lab Sample ID	10684289006		
Filename	P240226B_09		
Injected By	AH5		
Total Amount Extracted	1760 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	02/15/2024 13:00
ICAL ID	P240226B02	Received	02/20/2024 08:50
CCal Filename(s)	P240226B_01	Extracted	02/22/2024 13:00
Method Blank ID	BLANK-111249	Analyzed	02/27/2024 06:15

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.503	3.06	2.0	0.571	29
13C-4-MoCB	3	13.285	3.09	2.0	0.756	38
13C-2,2'-DiCB	4	13.602	1.51	2.0	0.657	33
13C-4,4'-DiCB	15	20.686	1.61	2.0	1.15	58
13C-2,2',6-TrCB	19	17.425	1.03	2.0	0.735	37
13C-3,4,4'-TrCB	37	28.488	1.06	2.0	1.48	74
13C-2,2',6,6'-TeCB	54	21.046	0.80	2.0	0.672	34
13C-3,4,4',5-TeCB	81	35.657	0.80	2.0	1.86	93
13C-3,3',4,4'-TeCB	77	36.229	0.80	2.0	2.00	100
13C-2,2',4,6,6'-PeCB	104	27.173	1.58	2.0	0.691	35
13C-2,3,3',4,4'-PeCB	105	39.865	1.61	2.0	1.72	86
13C-2,3,4,4',5-PeCB	114	39.211	1.60	2.0	1.66	83
13C-2,3',4,4',5-PeCB	118	38.658	1.58	2.0	1.68	84
13C-2,3',4,4',5'-PeCB	123	38.305	1.60	2.0	1.66	83
13C-3,3',4,4',5-PeCB	126	43.034	1.62	2.0	1.85	92
13C-2,2',4,4',6,6'-HxCB	155	33.259	1.26	2.0	0.886	44
13C-HxCB (156/157)	156/157	46.125	1.28	4.0	3.23	81
13C-2,3',4,4',5,5'-HxCB	167	44.934	1.30	2.0	1.62	81
13C-3,3',4,4',5,5'-HxCB	169	49.411	1.29	2.0	1.73	86
13C-2,2',3,4',5,6,6'-HpCB	188	39.211	1.04	2.0	1.51	76
13C-2,3,3',4,4',5,5'-HpCB	189	51.974	1.08	2.0	1.80	90
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.699	0.86	2.0	1.64	82
13C-2,3,3',4,4',5,5',6-OcCB	205	54.582	0.89	2.0	1.74	87
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.350	0.80	2.0	1.67	84
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.500	0.79	2.0	1.77	88
13C-DeCB	209	58.009	0.72	2.0	1.71	86
Cleanup Standards						
13C-2,4,4'-TrCB	28	24.125	1.05	2.0	1.67	84
13C-2,3,3',5,5'-PeCB	111	36.276	1.59	2.0	1.73	87
13C-2,2',3,3',5,5',6-HpCB	178	42.313	1.04	2.0	1.79	89
Recovery Standards						
13C-2,5-DiCB	9	16.054	1.58	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	26.121	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.476	1.56	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.860	1.28	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	54.108	0.91	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10684289006
Filename	P240226B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.514	3.41	0.102	---	0.0228
2		---	---	ND	---	0.0228
3		---	---	ND	---	0.0228
4		13.613	1.56	1.52	---	0.0228
5		---	---	ND	---	0.0228
6		16.563	1.51	0.0405	---	0.0228
7		---	---	ND	---	0.0228
8		17.093	1.73	0.0532	---	0.0228
9		---	---	ND	---	0.0228
10		13.839	1.58	0.0457	---	0.0228
11		---	---	ND	---	0.223
12	12/13	---	---	ND	---	0.0456
13	12/13	---	---	ND	---	0.0456
14		---	---	ND	---	0.0228
15		20.708	1.67	0.0591	---	0.0301
16		---	---	ND	---	0.0228
17		20.133	1.06	0.142	---	0.0228
18	18/30	19.647	1.01	0.100	---	0.0456
19		17.447	1.02	0.837	---	0.0228
20	20/28	---	---	ND	---	0.118
21	21/33	---	---	ND	---	0.123
22		---	---	ND	---	0.0866
23		---	---	ND	---	0.0228
24		---	---	ND	---	0.0228
25		23.490	1.03	0.0605	---	0.0228
26	26/29	23.197	1.05	0.0756	---	0.0456
27		20.376	1.04	0.116	---	0.0228
28	20/28	---	---	ND	---	0.118
29	26/29	23.197	1.05	(0.0756)	---	0.0456
30	18/30	19.647	1.01	(0.100)	---	0.0456
31		---	---	ND	---	0.119
32		21.263	1.09	0.175	---	0.0228
33	21/33	---	---	ND	---	0.123
34		---	---	ND	---	0.0228
35		---	---	ND	---	0.0228
36		---	---	ND	---	0.0228
37		---	---	ND	---	0.0483
38		---	---	ND	---	0.0228
39		---	---	ND	---	0.0228
40	40/41/71	28.349	0.77	0.181	---	0.0684
41	40/41/71	28.349	0.77	(0.181)	---	0.0684
42		27.807	0.77	0.0603	---	0.0228
43	43/73	---	---	ND	---	0.0456
44	44/47/65	27.296	0.77	1.22	---	0.0684
45	45/51	24.341	0.78	0.688	---	0.0456
46		24.589	0.79	0.0363	---	0.0228
47	44/47/65	27.296	0.77	(1.22)	---	0.0684
48		---	---	ND	---	0.0228

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Rising Pond Dam
Lab Sample ID: 10684289006
Filename: P240226B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.693	0.77	0.723	---	0.0456
50	50/53	23.490	0.78	0.536	---	0.0456
51	45/51	24.341	0.78	(0.688)	---	0.0456
52		26.152	0.77	0.507	---	0.118
53	50/53	23.490	0.78	(0.536)	---	0.0456
54		21.077	0.75	0.251	---	0.0228
55		---	---	ND	---	0.0228
56		---	---	ND	---	0.0228
57		---	---	ND	---	0.0228
58		---	---	ND	---	0.0228
59	59/62/75	---	---	ND	---	0.0684
60		---	---	ND	---	0.0228
61	61/70/74/76	31.295	0.83	0.0942	---	0.0912
62	59/62/75	---	---	ND	---	0.0684
63		---	---	ND	---	0.0228
64		28.581	0.75	0.0277	---	0.0228
65	44/47/65	27.296	0.77	(1.22)	---	0.0684
66		31.666	0.81	0.0935	---	0.0538
67		---	---	ND	---	0.0228
68		---	---	ND	---	0.0228
69	49/69	26.693	0.77	(0.723)	---	0.0456
70	61/70/74/76	31.295	0.83	(0.0942)	---	0.0912
71	40/41/71	28.349	0.77	(0.181)	---	0.0684
72		---	---	ND	---	0.0228
73	43/73	---	---	ND	---	0.0456
74	61/70/74/76	31.295	0.83	(0.0942)	---	0.0912
75	59/62/75	---	---	ND	---	0.0684
76	61/70/74/76	31.295	0.83	(0.0942)	---	0.0912
77		---	---	ND	---	0.0228
78		---	---	ND	---	0.0228
79		---	---	ND	---	0.0228
80		---	---	ND	---	0.0228
81		---	---	ND	---	0.0228
82		---	---	ND	---	0.0228
83		---	---	ND	---	0.0228
84		31.542	1.58	0.0767	---	0.0228
85	85/116/117	---	---	ND	---	0.0684
86	86/87/97/108/119/125	34.652	1.52	0.250	---	0.137
87	86/87/97/108/119/125	34.652	1.52	(0.250)	---	0.137
88	88/91	31.310	1.52	0.230	---	0.0456
89		---	---	ND	---	0.0228
90	90/101/113	33.491	1.53	0.752	---	0.0684
91	88/91	31.310	1.52	(0.230)	---	0.0456
92		32.873	1.51	0.218	---	0.0228
93	93/98/100/102	30.629	1.62	0.187	---	0.0912
94		29.918	1.46	0.0479	---	0.0228
95		30.382	1.58	0.553	---	0.0638
96		27.590	1.53	0.0244	---	0.0228

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Rising Pond Dam
Lab Sample ID: 10684289006
Filename: P240226B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.652	1.52	(0.250)	---	0.137
98	93/98/100/102	30.629	1.62	(0.187)	---	0.0912
99		34.125	1.53	0.295	---	0.0228
100	93/98/100/102	30.629	1.62	(0.187)	---	0.0912
101	90/101/113	33.491	1.53	(0.752)	---	0.0684
102	93/98/100/102	30.629	1.62	(0.187)	---	0.0912
103		29.686	1.49	0.0671	---	0.0228
104		27.219	1.64	0.0299	---	0.0228
105		39.898	1.65	0.0419	---	0.0228
106		---	---	ND	---	0.0228
107	107/124	---	---	ND	---	0.0456
108	86/87/97/108/119/125	34.652	1.52	(0.250)	---	0.137
109		38.205	1.54	0.0243	---	0.0228
110	110/115	35.549	1.54	0.522	---	0.0456
111		---	---	ND	---	0.0228
112		---	---	ND	---	0.0228
113	90/101/113	33.491	1.53	(0.752)	---	0.0684
114		---	---	ND	---	0.0228
115	110/115	35.549	1.54	(0.522)	---	0.0456
116	85/116/117	---	---	ND	---	0.0684
117	85/116/117	---	---	ND	---	0.0684
118		38.674	1.60	0.190	---	0.0356
119	86/87/97/108/119/125	34.652	1.52	(0.250)	---	0.137
120		---	---	ND	---	0.0228
121		---	---	ND	---	0.0228
122		---	---	ND	---	0.0228
123		---	---	ND	---	0.0228
124	107/124	---	---	ND	---	0.0456
125	86/87/97/108/119/125	34.652	1.52	(0.250)	---	0.137
126		---	---	ND	---	0.0228
127		---	---	ND	---	0.0228
128	128/166	43.185	1.28	0.0847	---	0.0456
129	129/138/163	41.894	1.25	1.34	---	0.0684
130		41.223	1.29	0.0630	---	0.0228
131		---	---	ND	---	0.0228
132		38.792	1.23	0.352	---	0.0228
133		39.295	1.32	0.0340	---	0.0228
134	134/143	37.702	1.24	0.0591	---	0.0456
135	135/151	36.508	1.22	0.756	---	0.0456
136		34.017	1.26	0.219	---	0.0228
137		---	---	ND	---	0.0228
138	129/138/163	41.894	1.25	(1.34)	---	0.0684
139	139/140	---	---	ND	---	0.0456
140	139/140	---	---	ND	---	0.0456
141		40.804	1.24	0.275	---	0.0228
142		---	---	ND	---	0.0228
143	134/143	37.702	1.24	(0.0591)	---	0.0456
144		37.126	1.22	0.0713	---	0.0228

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10684289006
Filename	P240226B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0228
146		39.965	1.24	0.273	---	0.0228
147	147/149	37.500	1.25	1.45	---	0.0456
148		---	---	ND	---	0.0228
149	147/149	37.500	1.25	(1.45)	---	0.0456
150		---	---	ND	---	0.0228
151	135/151	36.508	1.22	(0.756)	---	0.0456
152		---	---	ND	---	0.0228
153	153/168	40.603	1.24	1.42	---	0.0456
154		36.802	1.28	0.0455	---	0.0228
155		---	---	ND	---	0.0228
156	156/157	46.125	1.27	0.0561	---	0.0456
157	156/157	46.125	1.27	(0.0561)	---	0.0456
158		42.296	1.24	0.0928	---	0.0228
159		---	---	ND	---	0.0228
160		---	---	ND	---	0.0228
161		---	---	ND	---	0.0228
162		---	---	ND	---	0.0228
163	129/138/163	41.894	1.25	(1.34)	---	0.0684
164		41.558	1.20	0.0954	---	0.0228
165		---	---	ND	---	0.0228
166	128/166	43.185	1.28	(0.0847)	---	0.0456
167		44.968	1.33	0.0344	---	0.0228
168	153/168	40.603	1.24	(1.42)	---	0.0456
169		---	---	ND	---	0.0228
170		48.841	1.03	0.411	---	0.0228
171	171/173	45.253	1.05	0.134	---	0.0456
172		46.879	1.03	0.0883	---	0.0228
173	171/173	45.253	1.05	(0.134)	---	0.0456
174		44.146	1.02	0.528	---	0.0228
175		---	---	ND	---	0.0228
176		40.485	1.06	0.0664	---	0.0228
177		44.599	1.01	0.306	---	0.0228
178		42.347	1.06	0.130	---	0.0228
179		39.563	1.03	0.255	---	0.0228
180	180/193	47.567	1.04	1.06	---	0.0456
181		---	---	ND	---	0.0228
182		---	---	ND	---	0.0228
183	183/185	43.911	1.05	0.340	---	0.0456
184		---	---	ND	---	0.0228
185	183/185	43.911	1.05	(0.340)	---	0.0456
186		---	---	ND	---	0.0228
187		43.286	1.04	0.671	---	0.0228
188		---	---	ND	---	0.0228
189		---	---	ND	---	0.0228
190		49.378	1.01	0.0964	---	0.0228
191		---	---	ND	---	0.0228
192		---	---	ND	---	0.0228

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10684289006
Filename	P240226B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.567	1.04	(1.06)	---	0.0456
194		54.130	0.89	0.192	---	0.0228
195		51.780	0.87	0.0863	---	0.0228
196		50.233	0.88	0.107	---	0.0228
197	197/200	---	---	ND	---	0.0456
198	198/199	49.546	0.87	0.235	---	0.0456
199	198/199	49.546	0.87	(0.235)	---	0.0456
200	197/200	---	---	ND	---	0.0456
201		45.689	0.94	0.0270	---	0.0228
202		44.733	0.91	0.0467	---	0.0228
203		50.434	0.85	0.139	---	0.0228
204		---	---	ND	---	0.0228
205		---	---	ND	---	0.0228
206		56.371	0.87	0.0462	---	0.0228
207		---	---	ND	---	0.0228
208		---	---	ND	---	0.0228
209		---	---	ND	---	0.0228

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10684289006
Filename	P240226B_09

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.102
Total Dichloro Biphenyls	1.72
Total Trichloro Biphenyls	1.51
Total Tetrachloro Biphenyls	4.42
Total Pentachloro Biphenyls	3.51
Total Hexachloro Biphenyls	6.72
Total Heptachloro Biphenyls	4.09
Total Octachloro Biphenyls	0.833
Total Nonachloro Biphenyls	0.0462
DecachloroBiphenyls	ND
Total PCBs	23.0

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Old Pleasant Street Bridge		
Lab Sample ID	10684289007		
Filename	P240226B_10		
Injected By	AH5		
Total Amount Extracted	1670 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	02/15/2024 14:30
ICAL ID	P240226B02	Received	02/20/2024 08:50
CCal Filename(s)	P240226B_01	Extracted	02/22/2024 13:00
Method Blank ID	BLANK-111249	Analyzed	02/27/2024 07:18

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.333	3.27	2.0	0.678	34
13C-4-MoCB	3	13.183	3.08	2.0	0.901	45
13C-2,2'-DiCB	4	13.500	1.49	2.0	0.790	40
13C-4,4'-DiCB	15	20.662	1.59	2.0	1.31	66
13C-2,2',6-TrCB	19	17.369	1.08	2.0	0.896	45
13C-3,4,4'-TrCB	37	28.501	1.06	2.0	1.58	79
13C-2,2',6,6'-TeCB	54	21.014	0.77	2.0	0.825	41
13C-3,4,4',5-TeCB	81	35.656	0.80	2.0	1.87	93
13C-3,3',4,4'-TeCB	77	36.243	0.79	2.0	1.95	97
13C-2,2',4,6,6'-PeCB	104	27.186	1.55	2.0	0.925	46
13C-2,3,3',4,4'-PeCB	105	39.881	1.61	2.0	1.67	83
13C-2,3,4,4',5-PeCB	114	39.227	1.60	2.0	1.66	83
13C-2,3',4,4',5-PeCB	118	38.657	1.61	2.0	1.64	82
13C-2,3',4,4',5'-PeCB	123	38.321	1.61	2.0	1.65	83
13C-3,3',4,4',5-PeCB	126	43.050	1.58	2.0	1.78	89
13C-2,2',4,4',6,6'-HxCB	155	33.273	1.27	2.0	1.19	60
13C-HxCB (156/157)	156/157	46.124	1.27	4.0	3.08	77
13C-2,3',4,4',5,5'-HxCB	167	44.950	1.30	2.0	1.55	77
13C-3,3',4,4',5,5'-HxCB	169	49.411	1.28	2.0	1.60	80
13C-2,2',3,4',5,6,6'-HpCB	188	39.210	1.02	2.0	1.61	81
13C-2,3,3',4,4',5,5'-HpCB	189	51.995	1.09	2.0	1.71	85
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.715	0.88	2.0	1.61	81
13C-2,3,3',4,4',5,5',6-OcCB	205	54.604	0.89	2.0	1.63	82
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.371	0.79	2.0	1.55	77
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.521	0.78	2.0	1.64	82
13C-DeCB	209	58.009	0.72	2.0	1.64	82
Cleanup Standards						
13C-2,4,4'-TrCB	28	24.107	1.05	2.0	1.66	83
13C-2,3,3',5,5'-PeCB	111	36.290	1.55	2.0	1.61	81
13C-2,2',3,3',5,5',6-HpCB	178	42.329	1.04	2.0	1.67	83
Recovery Standards						
13C-2,5-DiCB	9	15.987	1.60	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	26.118	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.489	1.62	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.876	1.30	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	54.130	0.90	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Old Pleasant Street Bridge
Lab Sample ID: 10684289007
Filename: P240226B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.345	3.14	0.194	---	0.0240
2		---	---	ND	---	0.0240
3		---	---	ND	---	0.0240
4		13.511	1.59	2.61	---	0.0240
5		---	---	ND	---	0.0240
6		16.507	1.57	0.0704	---	0.0240
7		---	---	ND	---	0.0240
8		17.037	1.53	0.0954	---	0.0240
9		---	---	ND	---	0.0240
10		13.748	1.72	0.0707	---	0.0240
11		---	---	ND	---	0.235
12	12/13	---	---	ND	---	0.0479
13	12/13	---	---	ND	---	0.0479
14		---	---	ND	---	0.0240
15		20.684	1.59	0.0930	---	0.0316
16		20.618	1.03	0.0333	---	0.0240
17		20.110	1.03	0.241	---	0.0240
18	18/30	19.612	1.07	0.164	---	0.0479
19		17.391	1.04	1.31	---	0.0240
20	20/28	24.138	1.10	0.139	---	0.124
21	21/33	---	---	ND	---	0.129
22		---	---	ND	---	0.0911
23		---	---	ND	---	0.0240
24		---	---	ND	---	0.0240
25		23.458	1.08	0.0912	---	0.0240
26	26/29	23.179	1.08	0.112	---	0.0479
27		20.353	1.05	0.188	---	0.0240
28	20/28	24.138	1.10	(0.139)	---	0.124
29	26/29	23.179	1.08	(0.112)	---	0.0479
30	18/30	19.612	1.07	(0.164)	---	0.0479
31		---	---	ND	---	0.125
32		21.246	1.06	0.307	---	0.0240
33	21/33	---	---	ND	---	0.129
34		---	---	ND	---	0.0240
35		---	---	ND	---	0.0240
36		---	---	ND	---	0.0240
37		---	---	ND	---	0.0508
38		---	---	ND	---	0.0240
39		---	---	ND	---	0.0240
40	40/41/71	28.362	0.77	0.295	---	0.0719
41	40/41/71	28.362	0.77	(0.295)	---	0.0719
42		27.820	0.81	0.0951	---	0.0240
43	43/73	26.320	0.76	0.0603	---	0.0479
44	44/47/65	27.310	0.78	2.04	---	0.0719
45	45/51	24.324	0.78	1.25	---	0.0479
46		24.587	0.78	0.0674	---	0.0240
47	44/47/65	27.310	0.78	(2.04)	---	0.0719
48		---	---	ND	---	0.0240

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Old Pleasant Street Bridge
Lab Sample ID: 10684289007
Filename: P240226B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.691	0.78	1.17	---	0.0479
50	50/53	23.489	0.78	0.925	---	0.0479
51	45/51	24.324	0.78	(1.25)	---	0.0479
52		26.149	0.78	0.796	---	0.124
53	50/53	23.489	0.78	(0.925)	---	0.0479
54		21.045	0.79	0.399	---	0.0240
55		---	---	ND	---	0.0240
56		---	---	ND	---	0.0240
57		---	---	ND	---	0.0240
58		---	---	ND	---	0.0240
59	59/62/75	---	---	ND	---	0.0719
60		---	---	ND	---	0.0240
61	61/70/74/76	31.308	0.81	0.147	---	0.0958
62	59/62/75	---	---	ND	---	0.0719
63		---	---	ND	---	0.0240
64		28.594	0.78	0.0443	---	0.0240
65	44/47/65	27.310	0.78	(2.04)	---	0.0719
66		31.679	0.81	0.140	---	0.0566
67		---	---	ND	---	0.0240
68		29.807	0.86	0.0312	---	0.0240
69	49/69	26.691	0.78	(1.17)	---	0.0479
70	61/70/74/76	31.308	0.81	(0.147)	---	0.0958
71	40/41/71	28.362	0.77	(0.295)	---	0.0719
72		---	---	ND	---	0.0240
73	43/73	26.320	0.76	(0.0603)	---	0.0479
74	61/70/74/76	31.308	0.81	(0.147)	---	0.0958
75	59/62/75	---	---	ND	---	0.0719
76	61/70/74/76	31.308	0.81	(0.147)	---	0.0958
77		---	---	ND	---	0.0240
78		---	---	ND	---	0.0240
79		---	---	ND	---	0.0240
80		---	---	ND	---	0.0240
81		---	---	ND	---	0.0240
82		35.903	1.42	0.0294	---	0.0240
83		33.984	1.62	0.0303	---	0.0240
84		31.555	1.59	0.123	---	0.0240
85	85/116/117	35.408	1.58	0.106	---	0.0719
86	86/87/97/108/119/125	34.650	1.52	0.395	---	0.144
87	86/87/97/108/119/125	34.650	1.52	(0.395)	---	0.144
88	88/91	31.323	1.58	0.373	---	0.0479
89		---	---	ND	---	0.0240
90	90/101/113	33.505	1.59	1.21	---	0.0719
91	88/91	31.323	1.58	(0.373)	---	0.0479
92		32.886	1.55	0.331	---	0.0240
93	93/98/100/102	30.642	1.57	0.319	---	0.0958
94		29.931	1.57	0.0784	---	0.0240
95		30.395	1.58	0.855	---	0.0671
96		27.588	1.66	0.0424	---	0.0240

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Old Pleasant Street Bridge
Lab Sample ID: 10684289007
Filename: P240226B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.650	1.52	(0.395)	---	0.144
98	93/98/100/102	30.642	1.57	(0.319)	---	0.0958
99		34.139	1.54	0.467	---	0.0240
100	93/98/100/102	30.642	1.57	(0.319)	---	0.0958
101	90/101/113	33.505	1.59	(1.21)	---	0.0719
102	93/98/100/102	30.642	1.57	(0.319)	---	0.0958
103		29.699	1.48	0.111	---	0.0240
104		27.217	1.71	0.0442	---	0.0240
105		39.898	1.61	0.0770	---	0.0240
106		---	---	ND	---	0.0240
107	107/124	---	---	ND	---	0.0479
108	86/87/97/108/119/125	34.650	1.52	(0.395)	---	0.144
109		38.221	1.57	0.0373	---	0.0240
110	110/115	35.578	1.53	0.814	---	0.0479
111		---	---	ND	---	0.0240
112		---	---	ND	---	0.0240
113	90/101/113	33.505	1.59	(1.21)	---	0.0719
114		---	---	ND	---	0.0240
115	110/115	35.578	1.53	(0.814)	---	0.0479
116	85/116/117	35.408	1.58	(0.106)	---	0.0719
117	85/116/117	35.408	1.58	(0.106)	---	0.0719
118		38.690	1.57	0.306	---	0.0374
119	86/87/97/108/119/125	34.650	1.52	(0.395)	---	0.144
120		---	---	ND	---	0.0240
121		---	---	ND	---	0.0240
122		---	---	ND	---	0.0240
123		---	---	ND	---	0.0240
124	107/124	---	---	ND	---	0.0479
125	86/87/97/108/119/125	34.650	1.52	(0.395)	---	0.144
126		---	---	ND	---	0.0240
127		---	---	ND	---	0.0240
128	128/166	43.201	1.21	0.128	---	0.0479
129	129/138/163	41.910	1.24	2.14	---	0.0719
130		41.239	1.26	0.0980	---	0.0240
131		---	---	ND	---	0.0240
132		38.808	1.26	0.565	---	0.0240
133		39.294	1.16	0.0537	---	0.0240
134	134/143	37.718	1.24	0.0971	---	0.0479
135	135/151	36.538	1.26	1.19	---	0.0479
136		34.031	1.27	0.354	---	0.0240
137		41.457	1.15	0.0268	---	0.0240
138	129/138/163	41.910	1.24	(2.14)	---	0.0719
139	139/140	---	---	ND	---	0.0479
140	139/140	---	---	ND	---	0.0479
141		40.820	1.26	0.459	---	0.0240
142		---	---	ND	---	0.0240
143	134/143	37.718	1.24	(0.0971)	---	0.0479
144		37.125	1.17	0.114	---	0.0240

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID: Old Pleasant Street Bridge
Lab Sample ID: 10684289007
Filename: P240226B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0240
146		39.982	1.22	0.404	---	0.0240
147	147/149	37.500	1.26	2.33	---	0.0479
148		---	---	ND	---	0.0240
149	147/149	37.500	1.26	(2.33)	---	0.0479
150		---	---	ND	---	0.0240
151	135/151	36.538	1.26	(1.19)	---	0.0479
152		---	---	ND	---	0.0240
153	153/168	40.619	1.25	2.23	---	0.0479
154		36.816	1.19	0.0667	---	0.0240
155		---	---	ND	---	0.0240
156	156/157	46.141	1.27	0.0915	---	0.0479
157	156/157	46.141	1.27	(0.0915)	---	0.0479
158		42.312	1.29	0.148	---	0.0240
159		44.162	1.31	0.0272	---	0.0240
160		---	---	ND	---	0.0240
161		---	---	ND	---	0.0240
162		---	---	ND	---	0.0240
163	129/138/163	41.910	1.24	(2.14)	---	0.0719
164		41.575	1.28	0.153	---	0.0240
165		---	---	ND	---	0.0240
166	128/166	43.201	1.21	(0.128)	---	0.0479
167		44.967	1.22	0.0589	---	0.0240
168	153/168	40.619	1.25	(2.23)	---	0.0479
169		---	---	ND	---	0.0240
170		48.857	1.06	0.685	---	0.0240
171	171/173	45.269	1.04	0.225	---	0.0479
172		46.895	1.03	0.144	---	0.0240
173	171/173	45.269	1.04	(0.225)	---	0.0479
174		44.162	1.01	0.886	---	0.0240
175		43.017	1.02	0.0356	---	0.0240
176		40.485	1.01	0.111	---	0.0240
177		44.615	1.03	0.494	---	0.0240
178		42.362	1.03	0.212	---	0.0240
179		39.579	1.03	0.410	---	0.0240
180	180/193	47.566	1.04	1.73	---	0.0479
181		---	---	ND	---	0.0240
182		---	---	ND	---	0.0240
183	183/185	43.927	1.07	0.561	---	0.0479
184		---	---	ND	---	0.0240
185	183/185	43.927	1.07	(0.561)	---	0.0479
186		---	---	ND	---	0.0240
187		43.285	1.03	1.07	---	0.0240
188		---	---	ND	---	0.0240
189		52.017	1.25	--- I	0.0242 UX	0.0240
190		49.394	1.05	0.156	---	0.0240
191		47.935	1.04	0.0300	---	0.0240
192		---	---	ND	---	0.0240

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Old Pleasant Street Bridge
Lab Sample ID: 10684289007
Filename: P240226B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.566	1.04	(1.73)	---	0.0479
194		54.151	0.88	0.338	---	0.0240
195		51.780	0.98	0.0772	---	0.0240
196		50.232	0.91	0.181	---	0.0240
197	197/200	46.728	0.89	0.0668	---	0.0479
198	198/199	49.562	0.91	0.393	---	0.0479
199	198/199	49.562	0.91	(0.393)	---	0.0479
200	197/200	46.728	0.89	(0.0668)	---	0.0479
201		45.688	0.89	0.0490	---	0.0240
202		44.732	0.92	0.0720	---	0.0240
203		50.434	0.89	0.238	---	0.0240
204		---	---	ND	---	0.0240
205		---	---	ND	---	0.0240
206		56.393	0.80	0.0812	---	0.0240
207		---	---	ND	---	0.0240
208		---	---	ND	---	0.0240
209		---	---	ND	---	0.0240

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Old Pleasant Street Bridge
Lab Sample ID	10684289007
Filename	P240226B_10

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.194
Total Dichloro Biphenyls	2.94
Total Trichloro Biphenyls	2.58
Total Tetrachloro Biphenyls	7.46
Total Pentachloro Biphenyls	5.75
Total Hexachloro Biphenyls	10.7
Total Heptachloro Biphenyls	6.75
Total Octachloro Biphenyls	1.42
Total Nonachloro Biphenyls	0.0812
DecachloroBiphenyls	ND
Total PCBs	37.9

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	HR-D1		
Lab Sample ID	10684289008		
Filename	P240226B_11		
Injected By	AH5		
Total Amount Extracted	1650 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	02/15/2024
ICAL ID	P240226B02	Received	02/20/2024 08:50
CCal Filename(s)	P240226B_01	Extracted	02/22/2024 13:00
Method Blank ID	BLANK-111249	Analyzed	02/27/2024 08:21

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.390	3.10	2.0	0.580	29
13C-4-MoCB	3	13.217	3.11	2.0	0.750	37
13C-2,2'-DiCB	4	13.534	1.51	2.0	0.669	33
13C-4,4'-DiCB	15	20.674	1.56	2.0	1.10	55
13C-2,2',6-TrCB	19	17.391	1.05	2.0	0.720	36
13C-3,4,4'-TrCB	37	28.486	1.08	2.0	1.38	69
13C-2,2',6,6'-TeCB	54	21.029	0.79	2.0	0.654	33
13C-3,4,4',5-TeCB	81	35.657	0.79	2.0	1.72	86
13C-3,3',4,4'-TeCB	77	36.229	0.80	2.0	1.78	89
13C-2,2',4,6,6'-PeCB	104	27.187	1.55	2.0	0.646	32
13C-2,3,3',4,4'-PeCB	105	39.865	1.60	2.0	1.59	79
13C-2,3,4,4',5-PeCB	114	39.211	1.64	2.0	1.53	77
13C-2,3',4,4',5-PeCB	118	38.658	1.62	2.0	1.55	77
13C-2,3',4,4',5'-PeCB	123	38.322	1.58	2.0	1.53	76
13C-3,3',4,4',5-PeCB	126	43.034	1.60	2.0	1.63	81
13C-2,2',4,4',6,6'-HxCB	155	33.274	1.25	2.0	0.818	41
13C-HxCB (156/157)	156/157	46.125	1.28	4.0	2.96	74
13C-2,3',4,4',5,5'-HxCB	167	44.951	1.31	2.0	1.46	73
13C-3,3',4,4',5,5'-HxCB	169	49.411	1.27	2.0	1.48	74
13C-2,2',3,4',5,6,6'-HpCB	188	39.211	1.03	2.0	1.41	71
13C-2,3,3',4,4',5,5'-HpCB	189	51.974	1.08	2.0	1.60	80
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.716	0.90	2.0	1.50	75
13C-2,3,3',4,4',5,5',6-OcCB	205	54.582	0.88	2.0	1.55	77
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.350	0.82	2.0	1.47	73
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.500	0.77	2.0	1.56	78
13C-DeCB	209	58.009	0.72	2.0	1.53	77
Cleanup Standards						
13C-2,4,4'-TrCB	28	24.123	1.06	2.0	1.56	78
13C-2,3,3',5,5'-PeCB	111	36.276	1.60	2.0	1.52	76
13C-2,2',3,3',5,5',6-HpCB	178	42.313	1.05	2.0	1.57	78
Recovery Standards						
13C-2,5-DiCB	9	16.009	1.59	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	26.119	0.80	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.475	1.58	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.860	1.29	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	54.108	0.90	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-D1
Lab Sample ID	10684289008
Filename	P240226B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.401	3.04	0.108	---	0.0242
2		---	---	ND	---	0.0242
3		---	---	ND	---	0.0242
4		13.556	1.56	1.50	---	0.0242
5		---	---	ND	---	0.0242
6		16.529	1.50	0.0402	---	0.0242
7		---	---	ND	---	0.0242
8		17.059	1.72	0.0532	---	0.0242
9		---	---	ND	---	0.0242
10		13.771	1.35	0.0479	---	0.0242
11		---	---	ND	---	0.237
12	12/13	---	---	ND	---	0.0484
13	12/13	---	---	ND	---	0.0484
14		---	---	ND	---	0.0242
15		20.695	1.64	0.0618	---	0.0319
16		---	---	ND	---	0.0242
17		20.121	1.06	0.142	---	0.0242
18	18/30	19.635	1.05	0.102	---	0.0484
19		17.413	1.05	0.810	---	0.0242
20	20/28	---	---	ND	---	0.125
21	21/33	---	---	ND	---	0.131
22		---	---	ND	---	0.0919
23		---	---	ND	---	0.0242
24		---	---	ND	---	0.0242
25		23.473	1.05	0.0606	---	0.0242
26	26/29	23.195	1.03	0.0782	---	0.0484
27		20.364	1.03	0.116	---	0.0242
28	20/28	---	---	ND	---	0.125
29	26/29	23.195	1.03	(0.0782)	---	0.0484
30	18/30	19.635	1.05	(0.102)	---	0.0484
31		---	---	ND	---	0.126
32		21.246	1.09	0.181	---	0.0242
33	21/33	---	---	ND	---	0.131
34		---	---	ND	---	0.0242
35		---	---	ND	---	0.0242
36		---	---	ND	---	0.0242
37		---	---	ND	---	0.0513
38		---	---	ND	---	0.0242
39		---	---	ND	---	0.0242
40	40/41/71	28.347	0.81	0.179	---	0.0726
41	40/41/71	28.347	0.81	(0.179)	---	0.0726
42		27.821	0.76	0.0612	---	0.0242
43	43/73	---	---	ND	---	0.0484
44	44/47/65	27.295	0.78	1.25	---	0.0726
45	45/51	24.340	0.78	0.702	---	0.0484
46		24.587	0.75	0.0382	---	0.0242
47	44/47/65	27.295	0.78	(1.25)	---	0.0726
48		---	---	ND	---	0.0242

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID HR-D1
Lab Sample ID 10684289008
Filename P240226B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.692	0.78	0.733	---	0.0484
50	50/53	23.489	0.77	0.552	---	0.0484
51	45/51	24.340	0.78	(0.702)	---	0.0484
52		26.150	0.77	0.517	---	0.125
53	50/53	23.489	0.77	(0.552)	---	0.0484
54		21.060	0.81	0.248	---	0.0242
55		---	---	ND	---	0.0242
56		---	---	ND	---	0.0242
57		---	---	ND	---	0.0242
58		---	---	ND	---	0.0242
59	59/62/75	---	---	ND	---	0.0726
60		---	---	ND	---	0.0242
61	61/70/74/76	31.293	0.80	0.0992	---	0.0967
62	59/62/75	---	---	ND	---	0.0726
63		---	---	ND	---	0.0242
64		28.579	0.75	0.0292	---	0.0242
65	44/47/65	27.295	0.78	(1.25)	---	0.0726
66		31.664	0.81	0.0958	---	0.0571
67		---	---	ND	---	0.0242
68		---	---	ND	---	0.0242
69	49/69	26.692	0.78	(0.733)	---	0.0484
70	61/70/74/76	31.293	0.80	(0.0992)	---	0.0967
71	40/41/71	28.347	0.81	(0.179)	---	0.0726
72		---	---	ND	---	0.0242
73	43/73	---	---	ND	---	0.0484
74	61/70/74/76	31.293	0.80	(0.0992)	---	0.0967
75	59/62/75	---	---	ND	---	0.0726
76	61/70/74/76	31.293	0.80	(0.0992)	---	0.0967
77		---	---	ND	---	0.0242
78		---	---	ND	---	0.0242
79		---	---	ND	---	0.0242
80		---	---	ND	---	0.0242
81		---	---	ND	---	0.0242
82		---	---	ND	---	0.0242
83		---	---	ND	---	0.0242
84		31.541	1.51	0.0757	---	0.0242
85	85/116/117	---	---	ND	---	0.0726
86	86/87/97/108/119/125	34.635	1.56	0.258	---	0.145
87	86/87/97/108/119/125	34.635	1.56	(0.258)	---	0.145
88	88/91	31.309	1.57	0.241	---	0.0484
89		---	---	ND	---	0.0242
90	90/101/113	33.506	1.59	0.795	---	0.0726
91	88/91	31.309	1.57	(0.241)	---	0.0484
92		32.887	1.55	0.225	---	0.0242
93	93/98/100/102	30.643	1.54	0.199	---	0.0967
94		29.916	1.61	0.0497	---	0.0242
95		30.380	1.54	0.550	---	0.0677
96		---	---	ND	---	0.0242

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID HR-D1
Lab Sample ID 10684289008
Filename P240226B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.635	1.56	(0.258)	---	0.145
98	93/98/100/102	30.643	1.54	(0.199)	---	0.0967
99		34.125	1.61	0.313	---	0.0242
100	93/98/100/102	30.643	1.54	(0.199)	---	0.0967
101	90/101/113	33.506	1.59	(0.795)	---	0.0726
102	93/98/100/102	30.643	1.54	(0.199)	---	0.0967
103		29.684	1.60	0.0719	---	0.0242
104		27.218	1.46	0.0304	---	0.0242
105		39.898	1.64	0.0491	---	0.0242
106		---	---	ND	---	0.0242
107	107/124	---	---	ND	---	0.0484
108	86/87/97/108/119/125	34.635	1.56	(0.258)	---	0.145
109		38.205	1.63	0.0270	---	0.0242
110	110/115	35.564	1.55	0.534	---	0.0484
111		---	---	ND	---	0.0242
112		---	---	ND	---	0.0242
113	90/101/113	33.506	1.59	(0.795)	---	0.0726
114		---	---	ND	---	0.0242
115	110/115	35.564	1.55	(0.534)	---	0.0484
116	85/116/117	---	---	ND	---	0.0726
117	85/116/117	---	---	ND	---	0.0726
118		38.674	1.63	0.201	---	0.0377
119	86/87/97/108/119/125	34.635	1.56	(0.258)	---	0.145
120		---	---	ND	---	0.0242
121		---	---	ND	---	0.0242
122		---	---	ND	---	0.0242
123		---	---	ND	---	0.0242
124	107/124	---	---	ND	---	0.0484
125	86/87/97/108/119/125	34.635	1.56	(0.258)	---	0.145
126		---	---	ND	---	0.0242
127		---	---	ND	---	0.0242
128	128/166	43.202	1.24	0.0967	---	0.0484
129	129/138/163	41.894	1.25	1.46	---	0.0726
130		41.223	1.30	0.0676	---	0.0242
131		---	---	ND	---	0.0242
132		38.792	1.24	0.376	---	0.0242
133		39.312	1.20	0.0377	---	0.0242
134	134/143	37.702	1.17	0.0661	---	0.0484
135	135/151	36.523	1.23	0.795	---	0.0484
136		34.016	1.24	0.231	---	0.0242
137		---	---	ND	---	0.0242
138	129/138/163	41.894	1.25	(1.46)	---	0.0726
139	139/140	---	---	ND	---	0.0484
140	139/140	---	---	ND	---	0.0484
141		40.804	1.28	0.309	---	0.0242
142		---	---	ND	---	0.0242
143	134/143	37.702	1.17	(0.0661)	---	0.0484
144		37.126	1.20	0.0760	---	0.0242

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID HR-D1
Lab Sample ID 10684289008
Filename P240226B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0242
146		39.965	1.22	0.293	---	0.0242
147	147/149	37.500	1.26	1.57	---	0.0484
148		---	---	ND	---	0.0242
149	147/149	37.500	1.26	(1.57)	---	0.0484
150		---	---	ND	---	0.0242
151	135/151	36.523	1.23	(0.795)	---	0.0484
152		---	---	ND	---	0.0242
153	153/168	40.619	1.26	1.55	---	0.0484
154		36.817	1.14	0.0480	---	0.0242
155		---	---	ND	---	0.0242
156	156/157	46.125	1.25	0.0594	---	0.0484
157	156/157	46.125	1.25	(0.0594)	---	0.0484
158		42.313	1.29	0.0982	---	0.0242
159		---	---	ND	---	0.0242
160		---	---	ND	---	0.0242
161		---	---	ND	---	0.0242
162		---	---	ND	---	0.0242
163	129/138/163	41.894	1.25	(1.46)	---	0.0726
164		41.575	1.28	0.102	---	0.0242
165		---	---	ND	---	0.0242
166	128/166	43.202	1.24	(0.0967)	---	0.0484
167		44.968	1.29	0.0381	---	0.0242
168	153/168	40.619	1.26	(1.55)	---	0.0484
169		---	---	ND	---	0.0242
170		48.841	1.04	0.454	---	0.0242
171	171/173	45.253	1.02	0.151	---	0.0484
172		46.879	1.00	0.0964	---	0.0242
173	171/173	45.253	1.02	(0.151)	---	0.0484
174		44.146	1.04	0.600	---	0.0242
175		---	---	ND	---	0.0242
176		40.485	1.10	0.0721	---	0.0242
177		44.599	1.04	0.340	---	0.0242
178		42.347	1.08	0.145	---	0.0242
179		39.563	1.01	0.275	---	0.0242
180	180/193	47.567	1.02	1.17	---	0.0484
181		---	---	ND	---	0.0242
182		---	---	ND	---	0.0242
183	183/185	43.928	1.03	0.385	---	0.0484
184		---	---	ND	---	0.0242
185	183/185	43.928	1.03	(0.385)	---	0.0484
186		---	---	ND	---	0.0242
187		43.286	1.05	0.728	---	0.0242
188		---	---	ND	---	0.0242
189		---	---	ND	---	0.0242
190		49.394	1.05	0.106	---	0.0242
191		---	---	ND	---	0.0242
192		---	---	ND	---	0.0242

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID HR-D1
Lab Sample ID 10684289008
Filename P240226B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.567	1.02	(1.17)	---	0.0484
194		54.130	0.90	0.217	---	0.0242
195		51.780	0.90	0.0961	---	0.0242
196		50.216	0.88	0.119	---	0.0242
197	197/200	---	---	ND	---	0.0484
198	198/199	49.562	0.91	0.262	---	0.0484
199	198/199	49.562	0.91	(0.262)	---	0.0484
200	197/200	---	---	ND	---	0.0484
201		45.689	0.99	0.0312	---	0.0242
202		44.733	0.84	0.0516	---	0.0242
203		50.434	0.88	0.153	---	0.0242
204		---	---	ND	---	0.0242
205		---	---	ND	---	0.0242
206		56.371	0.77	0.0554	---	0.0242
207		---	---	ND	---	0.0242
208		---	---	ND	---	0.0242
209		---	---	ND	---	0.0242

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID HR-D1
Lab Sample ID 10684289008
Filename P240226B_11

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.108
Total Dichloro Biphenyls	1.70
Total Trichloro Biphenyls	1.49
Total Tetrachloro Biphenyls	4.51
Total Pentachloro Biphenyls	3.62
Total Hexachloro Biphenyls	7.27
Total Heptachloro Biphenyls	4.52
Total Octachloro Biphenyls	0.930
Total Nonachloro Biphenyls	0.0554
DecachloroBiphenyls	ND
Total PCBs	24.2

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Woods Pond Dam		
Lab Sample ID	10684289009		
Filename	P240226B_12		
Injected By	AH5		
Total Amount Extracted	1690 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	02/15/2024 15:40
ICAL ID	P240226B02	Received	02/20/2024 08:50
CCal Filename(s)	P240226B_01	Extracted	02/22/2024 13:00
Method Blank ID	BLANK-111249	Analyzed	02/27/2024 09:24

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.435	3.02	2.0	0.565	28
13C-4-MoCB	3	13.251	3.13	2.0	0.772	39
13C-2,2'-DiCB	4	13.568	1.54	2.0	0.664	33
13C-4,4'-DiCB	15	20.684	1.59	2.0	1.16	58
13C-2,2',6-TrCB	19	17.413	1.07	2.0	0.709	35
13C-3,4,4'-TrCB	37	28.500	1.06	2.0	1.51	75
13C-2,2',6,6'-TeCB	54	21.044	0.78	2.0	0.682	34
13C-3,4,4',5-TeCB	81	35.669	0.79	2.0	1.84	92
13C-3,3',4,4'-TeCB	77	36.241	0.79	2.0	1.90	95
13C-2,2',4,6,6'-PeCB	104	27.186	1.58	2.0	0.759	38
13C-2,3,3',4,4'-PeCB	105	39.878	1.59	2.0	1.70	85
13C-2,3,4,4',5-PeCB	114	39.224	1.63	2.0	1.67	84
13C-2,3',4,4',5-PeCB	118	38.671	1.64	2.0	1.69	85
13C-2,3',4,4',5'-PeCB	123	38.319	1.61	2.0	1.70	85
13C-3,3',4,4',5-PeCB	126	43.047	1.61	2.0	1.78	89
13C-2,2',4,4',6,6'-HxCB	155	33.287	1.25	2.0	0.982	49
13C-HxCB (156/157)	156/157	46.138	1.30	4.0	3.07	77
13C-2,3',4,4',5,5'-HxCB	167	44.947	1.28	2.0	1.57	79
13C-3,3',4,4',5,5'-HxCB	169	49.425	1.32	2.0	1.59	80
13C-2,2',3,4',5,6,6'-HpCB	188	39.224	1.04	2.0	1.46	73
13C-2,3,3',4,4',5,5'-HpCB	189	51.993	1.07	2.0	1.67	84
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.713	0.89	2.0	1.54	77
13C-2,3,3',4,4',5,5',6-OcCB	205	54.601	0.89	2.0	1.60	80
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.368	0.78	2.0	1.55	78
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.519	0.78	2.0	1.60	80
13C-DeCB	209	58.006	0.69	2.0	1.56	78
Cleanup Standards						
13C-2,4,4'-TrCB	28	24.122	1.05	2.0	1.53	77
13C-2,3,3',5,5'-PeCB	111	36.288	1.57	2.0	1.55	78
13C-2,2',3,3',5,5',6-HpCB	178	42.343	1.04	2.0	1.58	79
Recovery Standards						
13C-2,5-DiCB	9	16.042	1.59	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	26.134	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.488	1.55	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.874	1.28	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	54.105	0.90	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10684289009
Filename	P240226B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.458	3.11	0.287	---	0.0236
2		---	---	ND	---	0.0236
3		13.262	2.82	0.0269	---	0.0236
4		13.579	1.52	3.37	---	0.0236
5		---	---	ND	---	0.0236
6		16.551	1.54	0.0893	---	0.0236
7		---	---	ND	---	0.0236
8		17.070	1.62	0.119	---	0.0236
9		---	---	ND	---	0.0236
10		13.794	1.59	0.0944	---	0.0236
11		---	---	ND	---	0.231
12	12/13	---	---	ND	---	0.0472
13	12/13	---	---	ND	---	0.0472
14		---	---	ND	---	0.0236
15		20.706	1.60	0.107	---	0.0312
16		20.662	1.04	0.0346	---	0.0236
17		20.132	1.03	0.280	---	0.0236
18	18/30	19.645	1.03	0.177	---	0.0472
19		17.435	1.03	1.78	---	0.0236
20	20/28	24.153	1.07	0.158	---	0.122
21	21/33	---	---	ND	---	0.128
22		---	---	ND	---	0.0897
23		---	---	ND	---	0.0236
24		---	---	ND	---	0.0236
25		23.473	1.09	0.109	---	0.0236
26	26/29	23.194	1.06	0.133	---	0.0472
27		20.375	1.09	0.219	---	0.0236
28	20/28	24.153	1.07	(0.158)	---	0.122
29	26/29	23.194	1.06	(0.133)	---	0.0472
30	18/30	19.645	1.03	(0.177)	---	0.0472
31		---	---	ND	---	0.123
32		21.261	1.07	0.330	---	0.0236
33	21/33	---	---	ND	---	0.128
34		---	---	ND	---	0.0236
35		---	---	ND	---	0.0236
36		---	---	ND	---	0.0236
37		---	---	ND	---	0.0501
38		---	---	ND	---	0.0236
39		---	---	ND	---	0.0236
40	40/41/71	28.361	0.78	0.312	---	0.0708
41	40/41/71	28.361	0.78	(0.312)	---	0.0708
42		27.820	0.76	0.106	---	0.0236
43	43/73	26.319	0.86	0.0655	---	0.0472
44	44/47/65	27.309	0.78	2.33	---	0.0708
45	45/51	24.339	0.77	1.44	---	0.0472
46		24.602	0.80	0.0677	---	0.0236
47	44/47/65	27.309	0.78	(2.33)	---	0.0708
48		---	---	ND	---	0.0236

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Woods Pond Dam
Lab Sample ID: 10684289009
Filename: P240226B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.691	0.78	1.30	---	0.0472
50	50/53	23.504	0.78	0.996	---	0.0472
51	45/51	24.339	0.77	(1.44)	---	0.0472
52		26.165	0.77	0.909	---	0.122
53	50/53	23.504	0.78	(0.996)	---	0.0472
54		21.060	0.79	0.503	---	0.0236
55		---	---	ND	---	0.0236
56		---	---	ND	---	0.0236
57		---	---	ND	---	0.0236
58		---	---	ND	---	0.0236
59	59/62/75	---	---	ND	---	0.0708
60		---	---	ND	---	0.0236
61	61/70/74/76	31.307	0.80	0.179	---	0.0945
62	59/62/75	---	---	ND	---	0.0708
63		---	---	ND	---	0.0236
64		28.593	0.76	0.0488	---	0.0236
65	44/47/65	27.309	0.78	(2.33)	---	0.0708
66		31.678	0.81	0.169	---	0.0557
67		---	---	ND	---	0.0236
68		29.806	0.85	0.0365	---	0.0236
69	49/69	26.691	0.78	(1.30)	---	0.0472
70	61/70/74/76	31.307	0.80	(0.179)	---	0.0945
71	40/41/71	28.361	0.78	(0.312)	---	0.0708
72		---	---	ND	---	0.0236
73	43/73	26.319	0.86	(0.0655)	---	0.0472
74	61/70/74/76	31.307	0.80	(0.179)	---	0.0945
75	59/62/75	---	---	ND	---	0.0708
76	61/70/74/76	31.307	0.80	(0.179)	---	0.0945
77		---	---	ND	---	0.0236
78		---	---	ND	---	0.0236
79		---	---	ND	---	0.0236
80		---	---	ND	---	0.0236
81		---	---	ND	---	0.0236
82		35.901	1.48	0.0369	---	0.0236
83		33.998	1.69	0.0415	---	0.0236
84		31.554	1.63	0.141	---	0.0236
85	85/116/117	35.406	1.65	0.120	---	0.0708
86	86/87/97/108/119/125	34.648	1.55	0.464	---	0.142
87	86/87/97/108/119/125	34.648	1.55	(0.464)	---	0.142
88	88/91	31.322	1.59	0.430	---	0.0472
89		---	---	ND	---	0.0236
90	90/101/113	33.519	1.52	1.44	---	0.0708
91	88/91	31.322	1.59	(0.430)	---	0.0472
92		32.885	1.54	0.386	---	0.0236
93	93/98/100/102	30.642	1.59	0.363	---	0.0945
94		29.915	1.53	0.0876	---	0.0236
95		30.394	1.57	1.01	---	0.0661
96		27.603	1.50	0.0460	---	0.0236

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Woods Pond Dam
Lab Sample ID: 10684289009
Filename: P240226B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.648	1.55	(0.464)	---	0.142
98	93/98/100/102	30.642	1.59	(0.363)	---	0.0945
99		34.138	1.57	0.532	---	0.0236
100	93/98/100/102	30.642	1.59	(0.363)	---	0.0945
101	90/101/113	33.519	1.52	(1.44)	---	0.0708
102	93/98/100/102	30.642	1.59	(0.363)	---	0.0945
103		29.698	1.56	0.130	---	0.0236
104		27.217	1.53	0.0584	---	0.0236
105		39.895	1.58	0.0979	---	0.0236
106		---	---	ND	---	0.0236
107	107/124	---	---	ND	---	0.0472
108	86/87/97/108/119/125	34.648	1.55	(0.464)	---	0.142
109		38.235	1.54	0.0458	---	0.0236
110	110/115	35.576	1.57	0.965	---	0.0472
111		---	---	ND	---	0.0236
112		---	---	ND	---	0.0236
113	90/101/113	33.519	1.52	(1.44)	---	0.0708
114		---	---	ND	---	0.0236
115	110/115	35.576	1.57	(0.965)	---	0.0472
116	85/116/117	35.406	1.65	(0.120)	---	0.0708
117	85/116/117	35.406	1.65	(0.120)	---	0.0708
118		38.688	1.59	0.394	---	0.0368
119	86/87/97/108/119/125	34.648	1.55	(0.464)	---	0.142
120		---	---	ND	---	0.0236
121		---	---	ND	---	0.0236
122		---	---	ND	---	0.0236
123		---	---	ND	---	0.0236
124	107/124	---	---	ND	---	0.0472
125	86/87/97/108/119/125	34.648	1.55	(0.464)	---	0.142
126		---	---	ND	---	0.0236
127		---	---	ND	---	0.0236
128	128/166	43.198	1.27	0.179	---	0.0472
129	129/138/163	41.907	1.25	2.82	---	0.0708
130		41.236	1.32	0.127	---	0.0236
131		---	---	ND	---	0.0236
132		38.805	1.26	0.750	---	0.0236
133		39.308	1.18	0.0677	---	0.0236
134	134/143	37.715	1.26	0.129	---	0.0472
135	135/151	36.535	1.24	1.50	---	0.0472
136		34.029	1.23	0.448	---	0.0236
137		41.454	1.27	0.0413	---	0.0236
138	129/138/163	41.907	1.25	(2.82)	---	0.0708
139	139/140	---	---	ND	---	0.0472
140	139/140	---	---	ND	---	0.0472
141		40.817	1.27	0.615	---	0.0236
142		---	---	ND	---	0.0236
143	134/143	37.715	1.26	(0.129)	---	0.0472
144		37.139	1.22	0.149	---	0.0236

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10684289009
Filename	P240226B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0236
146		39.979	1.24	0.537	---	0.0236
147	147/149	37.497	1.25	3.01	---	0.0472
148		---	---	ND	---	0.0236
149	147/149	37.497	1.25	(3.01)	---	0.0472
150		33.674	1.21	0.0251	---	0.0236
151	135/151	36.535	1.24	(1.50)	---	0.0472
152		---	---	ND	---	0.0236
153	153/168	40.616	1.26	2.97	---	0.0472
154		36.814	1.28	0.0861	---	0.0236
155		---	---	ND	---	0.0236
156	156/157	46.138	1.29	0.127	---	0.0472
157	156/157	46.138	1.29	(0.127)	---	0.0472
158		42.310	1.28	0.195	---	0.0236
159		44.176	1.29	0.0307	---	0.0236
160		---	---	ND	---	0.0236
161		---	---	ND	---	0.0236
162		---	---	ND	---	0.0236
163	129/138/163	41.907	1.25	(2.82)	---	0.0708
164		41.572	1.26	0.197	---	0.0236
165		---	---	ND	---	0.0236
166	128/166	43.198	1.27	(0.179)	---	0.0472
167		44.981	1.24	0.0754	---	0.0236
168	153/168	40.616	1.26	(2.97)	---	0.0472
169		---	---	ND	---	0.0236
170		48.854	1.05	0.946	---	0.0236
171	171/173	45.266	1.03	0.306	---	0.0472
172		46.893	1.02	0.197	---	0.0236
173	171/173	45.266	1.03	(0.306)	---	0.0472
174		44.159	1.05	1.20	---	0.0236
175		43.014	1.08	0.0462	---	0.0236
176		40.499	1.05	0.144	---	0.0236
177		44.612	1.06	0.696	---	0.0236
178		42.360	1.08	0.279	---	0.0236
179		39.576	1.03	0.536	---	0.0236
180	180/193	47.563	1.04	2.43	---	0.0472
181		---	---	ND	---	0.0236
182		---	---	ND	---	0.0236
183	183/185	43.924	1.03	0.787	---	0.0472
184		---	---	ND	---	0.0236
185	183/185	43.924	1.03	(0.787)	---	0.0472
186		---	---	ND	---	0.0236
187		43.299	1.04	1.45	---	0.0236
188		---	---	ND	---	0.0236
189		52.014	1.08	0.0362	---	0.0236
190		49.391	1.03	0.217	---	0.0236
191		47.932	1.06	0.0395	---	0.0236
192		---	---	ND	---	0.0236

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10684289009
Filename	P240226B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.563	1.04	(2.43)	---	0.0472
194		54.148	0.91	0.484	---	0.0236
195		51.777	0.89	0.210	---	0.0236
196		50.230	0.92	0.248	---	0.0236
197	197/200	46.725	0.88	0.0890	---	0.0472
198	198/199	49.559	0.89	0.542	---	0.0472
199	198/199	49.559	0.89	(0.542)	---	0.0472
200	197/200	46.725	0.88	(0.0890)	---	0.0472
201		45.702	0.90	0.0644	---	0.0236
202		44.746	0.89	0.0998	---	0.0236
203		50.447	0.89	0.324	---	0.0236
204		---	---	ND	---	0.0236
205		54.622	0.90	0.0285	---	0.0236
206		56.390	0.77	0.119	---	0.0236
207		---	---	ND	---	0.0236
208		---	---	ND	---	0.0236
209		---	---	ND	---	0.0236

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10684289009
Filename	P240226B_12

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.314
Total Dichloro Biphenyls	3.78
Total Trichloro Biphenyls	3.22
Total Tetrachloro Biphenyls	8.47
Total Pentachloro Biphenyls	6.79
Total Hexachloro Biphenyls	14.1
Total Heptachloro Biphenyls	9.31
Total Octachloro Biphenyls	2.09
Total Nonachloro Biphenyls	0.119
DecachloroBiphenyls	ND
Total PCBs	48.2

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Woods Pond Dam (Lab Dup)		
Lab Sample ID	10684289010		
Filename	P240227A_10		
Injected By	AH5		
Total Amount Extracted	1710 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	02/15/2024 15:40
ICAL ID	P240227A03	Received	02/20/2024 08:50
CCal Filename(s)	P240227A_02	Extracted	02/22/2024 13:00
Method Blank ID	BLANK-111249	Analyzed	02/27/2024 21:56

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.356	3.07	2.0	0.550	28
13C-4-MoCB	3	13.149	3.15	2.0	0.668	33
13C-2,2'-DiCB	4	13.455	1.50	2.0	0.559	28
13C-4,4'-DiCB	15	20.553	1.59	2.0	0.858	43
13C-2,2',6-TrCB	19	17.281	1.00	2.0	0.601	30
13C-3,4,4'-TrCB	37	28.354	1.04	2.0	1.19	60
13C-2,2',6,6'-TeCB	54	20.897	0.80	2.0	0.560	28
13C-3,4,4',5-TeCB	81	35.493	0.79	2.0	1.59	80
13C-3,3',4,4'-TeCB	77	36.081	0.79	2.0	1.67	84
13C-2,2',4,6,6'-PeCB	104	27.039	1.58	2.0	0.492	25
13C-2,3,3',4,4'-PeCB	105	39.708	1.63	2.0	1.71	86
13C-2,3,4,4',5-PeCB	114	39.055	1.62	2.0	1.62	81
13C-2,3',4,4',5-PeCB	118	38.501	1.63	2.0	1.68	84
13C-2,3',4,4',5'-PeCB	123	38.166	1.59	2.0	1.64	82
13C-3,3',4,4',5-PeCB	126	42.877	1.61	2.0	1.90	95
13C-2,2',4,4',6,6'-HxCB	155	33.126	1.25	2.0	0.556	28
13C-HxCB (156/157)	156/157	45.968	1.29	4.0	3.31	83
13C-2,3',4,4',5,5'-HxCB	167	44.794	1.32	2.0	1.67	84
13C-3,3',4,4',5,5'-HxCB	169	49.254	1.27	2.0	1.65	83
13C-2,2',3,4',5,6,6'-HpCB	188	39.055	1.03	2.0	1.04	52
13C-2,3,3',4,4',5,5'-HpCB	189	51.827	1.09	2.0	1.63	81
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.543	0.90	2.0	1.37	68
13C-2,3,3',4,4',5,5',6-OcCB	205	54.435	0.89	2.0	1.56	78
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.181	0.77	2.0	1.53	77
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.353	0.81	2.0	1.50	75
13C-DeCB	209	57.840	0.69	2.0	1.60	80
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.976	1.07	2.0	1.60	80
13C-2,3,3',5,5'-PeCB	111	36.127	1.59	2.0	1.46	73
13C-2,2',3,3',5,5',6-HpCB	178	42.173	1.07	2.0	1.50	75
Recovery Standards						
13C-2,5-DiCB	9	15.921	1.61	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.987	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.327	1.55	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.704	1.32	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.939	0.91	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Woods Pond Dam (Lab Dup)
Lab Sample ID: 10684289010
Filename: P240227A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.368	3.16	0.334	---	0.0234
2		---	---	ND	---	0.0234
3		13.161	2.97	0.0323	---	0.0234
4		13.477	1.57	4.20 A	---	0.0239
5		---	---	ND	---	0.0234
6		16.430	1.52	0.111	---	0.0234
7		---	---	ND	---	0.0234
8		16.949	1.54	0.149	---	0.0234
9		---	---	ND	---	0.0234
10		13.692	1.53	0.123	---	0.0234
11		---	---	ND	---	0.230
12	12/13	---	---	ND	---	0.0468
13	12/13	---	---	ND	---	0.0468
14		---	---	ND	---	0.0234
15		20.575	1.70	0.146	---	0.0309
16		20.520	1.05	0.0410	---	0.0234
17		20.000	1.03	0.333	---	0.0234
18	18/30	19.514	1.05	0.217	---	0.0468
19		17.314	1.07	2.11	---	0.0234
20	20/28	24.007	1.05	0.188	---	0.121
21	21/33	---	---	ND	---	0.126
22		---	---	ND	---	0.0890
23		---	---	ND	---	0.0234
24		---	---	ND	---	0.0234
25		23.326	1.08	0.125	---	0.0234
26	26/29	23.048	1.07	0.166	---	0.0468
27		20.243	1.05	0.256	---	0.0234
28	20/28	24.007	1.05	(0.188)	---	0.121
29	26/29	23.048	1.07	(0.166)	---	0.0468
30	18/30	19.514	1.05	(0.217)	---	0.0468
31		23.682	1.03	0.132	---	0.122
32		21.129	1.07	0.410	---	0.0234
33	21/33	---	---	ND	---	0.126
34		---	---	ND	---	0.0234
35		---	---	ND	---	0.0234
36		---	---	ND	---	0.0234
37		---	---	ND	---	0.0497
38		---	---	ND	---	0.0234
39		---	---	ND	---	0.0234
40	40/41/71	28.200	0.79	0.333	---	0.0703
41	40/41/71	28.200	0.79	(0.333)	---	0.0703
42		27.674	0.81	0.116	---	0.0234
43	43/73	26.173	0.73	0.0727	---	0.0468
44	44/47/65	27.163	0.78	2.52	---	0.0703
45	45/51	24.192	0.79	1.56	---	0.0468
46		24.456	0.76	0.0779	---	0.0234
47	44/47/65	27.163	0.78	(2.52)	---	0.0703
48		---	---	ND	---	0.0234

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Woods Pond Dam (Lab Dup)
Lab Sample ID: 10684289010
Filename: P240227A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.544	0.77	1.38	---	0.0468
50	50/53	23.357	0.78	1.14	---	0.0468
51	45/51	24.192	0.79	(1.56)	---	0.0468
52		26.018	0.78	0.973	---	0.121
53	50/53	23.357	0.78	(1.14)	---	0.0468
54		20.928	0.79	0.688	---	0.0234
55		---	---	ND	---	0.0234
56		---	---	ND	---	0.0234
57		---	---	ND	---	0.0234
58		---	---	ND	---	0.0234
59	59/62/75	---	---	ND	---	0.0703
60		---	---	ND	---	0.0234
61	61/70/74/76	31.161	0.75	0.188	---	0.0937
62	59/62/75	---	---	ND	---	0.0703
63		---	---	ND	---	0.0234
64		28.447	0.79	0.0515	---	0.0234
65	44/47/65	27.163	0.78	(2.52)	---	0.0703
66		31.517	0.81	0.184	---	0.0553
67		---	---	ND	---	0.0234
68		29.645	0.80	0.0417	---	0.0234
69	49/69	26.544	0.77	(1.38)	---	0.0468
70	61/70/74/76	31.161	0.75	(0.188)	---	0.0937
71	40/41/71	28.200	0.79	(0.333)	---	0.0703
72		29.335	0.73	0.0238	---	0.0234
73	43/73	26.173	0.73	(0.0727)	---	0.0468
74	61/70/74/76	31.161	0.75	(0.188)	---	0.0937
75	59/62/75	---	---	ND	---	0.0703
76	61/70/74/76	31.161	0.75	(0.188)	---	0.0937
77		---	---	ND	---	0.0234
78		---	---	ND	---	0.0234
79		---	---	ND	---	0.0234
80		---	---	ND	---	0.0234
81		---	---	ND	---	0.0234
82		35.756	1.49	0.0372	---	0.0234
83		33.838	1.66	0.0459	---	0.0234
84		31.393	1.53	0.145	---	0.0234
85	85/116/117	35.261	1.50	0.124	---	0.0703
86	86/87/97/108/119/125	34.487	1.52	0.484	---	0.141
87	86/87/97/108/119/125	34.487	1.52	(0.484)	---	0.141
88	88/91	31.161	1.58	0.426	---	0.0468
89		---	---	ND	---	0.0234
90	90/101/113	33.358	1.56	1.45	---	0.0703
91	88/91	31.161	1.58	(0.426)	---	0.0468
92		32.739	1.60	0.393	---	0.0234
93	93/98/100/102	30.480	1.57	0.376	---	0.0937
94		29.768	1.69	0.0889	---	0.0234
95		30.233	1.56	0.995	---	0.0656
96		27.441	1.54	0.0452	---	0.0234

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Woods Pond Dam (Lab Dup)
Lab Sample ID: 10684289010
Filename: P240227A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.487	1.52	(0.484)	---	0.141
98	93/98/100/102	30.480	1.57	(0.376)	---	0.0937
99		33.961	1.53	0.565	---	0.0234
100	93/98/100/102	30.480	1.57	(0.376)	---	0.0937
101	90/101/113	33.358	1.56	(1.45)	---	0.0703
102	93/98/100/102	30.480	1.57	(0.376)	---	0.0937
103		29.537	1.58	0.132	---	0.0234
104		27.070	1.36	0.0939	---	0.0234
105		39.742	1.67	0.101	---	0.0234
106		---	---	ND	---	0.0234
107	107/124	---	---	ND	---	0.0468
108	86/87/97/108/119/125	34.487	1.52	(0.484)	---	0.141
109		38.065	1.53	0.0510	---	0.0234
110	110/115	35.416	1.52	0.989	---	0.0468
111		---	---	ND	---	0.0234
112		---	---	ND	---	0.0234
113	90/101/113	33.358	1.56	(1.45)	---	0.0703
114		---	---	ND	---	0.0234
115	110/115	35.416	1.52	(0.989)	---	0.0468
116	85/116/117	35.261	1.50	(0.124)	---	0.0703
117	85/116/117	35.261	1.50	(0.124)	---	0.0703
118		38.518	1.55	0.433	---	0.0365
119	86/87/97/108/119/125	34.487	1.52	(0.484)	---	0.141
120		---	---	ND	---	0.0234
121		---	---	ND	---	0.0234
122		---	---	ND	---	0.0234
123		---	---	ND	---	0.0234
124	107/124	---	---	ND	---	0.0468
125	86/87/97/108/119/125	34.487	1.52	(0.484)	---	0.141
126		---	---	ND	---	0.0234
127		---	---	ND	---	0.0234
128	128/166	43.028	1.25	0.205	---	0.0468
129	129/138/163	41.737	1.25	3.07	---	0.0703
130		41.067	1.22	0.138	---	0.0234
131		---	---	ND	---	0.0234
132		38.635	1.21	0.814	---	0.0234
133		39.155	1.29	0.0716	---	0.0234
134	134/143	37.546	1.31	0.131	---	0.0468
135	135/151	36.375	1.27	1.47	---	0.0468
136		33.868	1.24	0.427	---	0.0234
137		41.285	1.19	0.0464	---	0.0234
138	129/138/163	41.737	1.25	(3.07)	---	0.0703
139	139/140	---	---	ND	---	0.0468
140	139/140	---	---	ND	---	0.0468
141		40.647	1.27	0.683	---	0.0234
142		---	---	ND	---	0.0234
143	134/143	37.546	1.31	(0.131)	---	0.0468
144		36.963	1.26	0.147	---	0.0234

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Woods Pond Dam (Lab Dup)
Lab Sample ID: 10684289010
Filename: P240227A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0234
146		39.826	1.27	0.555	---	0.0234
147	147/149	37.344	1.27	2.42	---	0.0468
148		---	---	ND	---	0.0234
149	147/149	37.344	1.27	(2.42)	---	0.0468
150		33.513	1.18	0.0252	---	0.0234
151	135/151	36.375	1.27	(1.47)	---	0.0468
152		---	---	ND	---	0.0234
153	153/168	40.463	1.26	3.20	---	0.0468
154		36.653	1.26	0.0851	---	0.0234
155		---	---	ND	---	0.0234
156	156/157	45.968	1.31	0.131	---	0.0468
157	156/157	45.968	1.31	(0.131)	---	0.0468
158		42.140	1.27	0.206	---	0.0234
159		44.006	1.27	0.0297	---	0.0234
160		---	---	ND	---	0.0234
161		---	---	ND	---	0.0234
162		---	---	ND	---	0.0234
163	129/138/163	41.737	1.25	(3.07)	---	0.0703
164		41.419	1.27	0.209	---	0.0234
165		---	---	ND	---	0.0234
166	128/166	43.028	1.25	(0.205)	---	0.0468
167		44.811	1.19	0.0808	---	0.0234
168	153/168	40.463	1.26	(3.20)	---	0.0468
169		---	---	ND	---	0.0234
170		48.684	1.05	1.15	---	0.0234
171	171/173	45.096	1.05	0.369	---	0.0468
172		46.722	1.04	0.234	---	0.0234
173	171/173	45.096	1.05	(0.369)	---	0.0468
174		43.989	1.04	1.38	---	0.0234
175		42.861	1.03	0.0536	---	0.0234
176		40.329	1.05	0.156	---	0.0234
177		44.442	1.05	0.816	---	0.0234
178		42.190	1.07	0.308	---	0.0234
179		39.407	1.04	0.569	---	0.0234
180	180/193	47.393	1.04	2.88	---	0.0468
181		---	---	ND	---	0.0234
182		---	---	ND	---	0.0234
183	183/185	43.771	1.02	0.836	---	0.0468
184		---	---	ND	---	0.0234
185	183/185	43.771	1.02	(0.836)	---	0.0468
186		---	---	ND	---	0.0234
187		43.129	1.02	1.62	---	0.0234
188		---	---	ND	---	0.0234
189		51.849	1.08	0.0399	---	0.0234
190		49.221	1.05	0.253	---	0.0234
191		47.762	0.97	0.0478	---	0.0234
192		---	---	ND	---	0.0234

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Woods Pond Dam (Lab Dup)
Lab Sample ID: 10684289010
Filename: P240227A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.393	1.04	(2.88)	---	0.0468
194		53.961	0.95	0.502	---	0.0234
195		51.611	0.93	0.232	---	0.0234
196		50.059	0.95	0.273	---	0.0234
197	197/200	46.555	0.88	0.0928	---	0.0468
198	198/199	49.405	0.87	0.565	---	0.0468
199	198/199	49.405	0.87	(0.565)	---	0.0468
200	197/200	46.555	0.88	(0.0928)	---	0.0468
201		45.532	0.83	0.0668	---	0.0234
202		44.576	0.90	0.110	---	0.0234
203		50.277	0.87	0.344	---	0.0234
204		---	---	ND	---	0.0234
205		54.456	0.93	0.0278	---	0.0234
206		56.202	0.74	0.120	---	0.0234
207		---	---	ND	---	0.0234
208		51.375	0.74	0.0245	---	0.0234
209		---	---	ND	---	0.0234

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Woods Pond Dam (Lab Dup)
Lab Sample ID	10684289010
Filename	P240227A_10

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.366
Total Dichloro Biphenyls	4.73
Total Trichloro Biphenyls	3.98
Total Tetrachloro Biphenyls	9.34
Total Pentachloro Biphenyls	6.98
Total Hexachloro Biphenyls	14.1
Total Heptachloro Biphenyls	10.7
Total Octachloro Biphenyls	2.21
Total Nonachloro Biphenyls	0.144
DecachloroBiphenyls	ND
Total PCBs	52.6

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	New Lenox Rd Bridge		
Lab Sample ID	10684289011		
Filename	P240227A_11		
Injected By	AH5		
Total Amount Extracted	1600 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	02/16/2024 13:15
ICAL ID	P240227A03	Received	02/20/2024 08:50
CCal Filename(s)	P240227A_02	Extracted	02/22/2024 13:00
Method Blank ID	BLANK-111249	Analyzed	02/27/2024 22:59

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.334	3.12	2.0	0.745	37
13C-4-MoCB	3	13.127	3.13	2.0	0.970	48
13C-2,2'-DiCB	4	13.432	1.55	2.0	0.796	40
13C-4,4'-DiCB	15	20.531	1.63	2.0	1.38	69
13C-2,2',6-TrCB	19	17.270	1.02	2.0	0.886	44
13C-3,4,4'-TrCB	37	28.339	1.08	2.0	1.74	87
13C-2,2',6,6'-TeCB	54	20.882	0.81	2.0	0.854	43
13C-3,4,4',5-TeCB	81	35.492	0.82	2.0	2.05	103
13C-3,3',4,4'-TeCB	77	36.064	0.81	2.0	2.06	103
13C-2,2',4,6,6'-PeCB	104	27.024	1.58	2.0	0.877	44
13C-2,3,3',4,4'-PeCB	105	39.691	1.62	2.0	2.07	104
13C-2,3,4,4',5-PeCB	114	39.037	1.62	2.0	2.03	101
13C-2,3',4,4',5-PeCB	118	38.484	1.63	2.0	2.08	104
13C-2,3',4,4',5'-PeCB	123	38.148	1.59	2.0	2.07	104
13C-3,3',4,4',5-PeCB	126	42.860	1.63	2.0	2.10	105
13C-2,2',4,4',6,6'-HxCB	155	33.095	1.22	2.0	0.985	49
13C-HxCB (156/157)	156/157	45.951	1.31	4.0	3.81	95
13C-2,3',4,4',5,5'-HxCB	167	44.777	1.31	2.0	1.90	95
13C-3,3',4,4',5,5'-HxCB	169	49.237	1.29	2.0	1.91	96
13C-2,2',3,4',5,6,6'-HpCB	188	39.037	1.03	2.0	1.43	72
13C-2,3,3',4,4',5,5'-HpCB	189	51.805	1.09	2.0	1.99	99
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.542	0.91	2.0	1.60	80
13C-2,3,3',4,4',5,5',6-OcCB	205	54.413	0.91	2.0	1.81	91
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.180	0.83	2.0	1.68	84
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.331	0.79	2.0	1.73	87
13C-DeCB	209	57.818	0.70	2.0	1.70	85
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.961	1.07	2.0	1.92	96
13C-2,3,3',5,5'-PeCB	111	36.111	1.56	2.0	1.69	85
13C-2,2',3,3',5,5',6-HpCB	178	42.156	1.07	2.0	1.67	84
Recovery Standards						
13C-2,5-DiCB	9	15.899	1.60	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.972	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.311	1.58	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.686	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.939	0.91	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: New Lenox Rd Bridge
Lab Sample ID: 10684289011
Filename: P240227A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.345	3.23	0.362	---	0.0250
2		---	---	ND	---	0.0250
3		13.138	2.86	0.0322	---	0.0250
4		13.455	1.55	4.31	---	0.0250
5		---	---	ND	---	0.0250
6		16.408	1.58	0.107	---	0.0250
7		---	---	ND	---	0.0250
8		16.927	1.54	0.135	---	0.0250
9		---	---	ND	---	0.0250
10		13.681	1.55	0.110	---	0.0250
11		---	---	ND	---	0.245
12	12/13	---	---	ND	---	0.0501
13	12/13	---	---	ND	---	0.0501
14		---	---	ND	---	0.0250
15		20.553	1.57	0.103	---	0.0331
16		20.497	1.03	0.0323	---	0.0250
17		19.989	1.02	0.267	---	0.0250
18	18/30	19.492	1.03	0.169	---	0.0501
19		17.292	1.07	2.07	---	0.0250
20	20/28	---	---	ND	---	0.129
21	21/33	---	---	ND	---	0.135
22		---	---	ND	---	0.0952
23		---	---	ND	---	0.0250
24		---	---	ND	---	0.0250
25		23.311	1.02	0.0729	---	0.0250
26	26/29	23.032	1.03	0.119	---	0.0501
27		20.221	1.07	0.229	---	0.0250
28	20/28	---	---	ND	---	0.129
29	26/29	23.032	1.03	(0.119)	---	0.0501
30	18/30	19.492	1.03	(0.169)	---	0.0501
31		---	---	ND	---	0.130
32		21.114	1.08	0.205	---	0.0250
33	21/33	---	---	ND	---	0.135
34		---	---	ND	---	0.0250
35		---	---	ND	---	0.0250
36		---	---	ND	---	0.0250
37		---	---	ND	---	0.0531
38		---	---	ND	---	0.0250
39		---	---	ND	---	0.0250
40	40/41/71	28.200	0.77	0.133	---	0.0751
41	40/41/71	28.200	0.77	(0.133)	---	0.0751
42		27.658	0.80	0.0464	---	0.0250
43	43/73	---	---	ND	---	0.0501
44	44/47/65	27.148	0.79	1.17	---	0.0751
45	45/51	24.177	0.79	0.766	---	0.0501
46		24.440	0.80	0.0330	---	0.0250
47	44/47/65	27.148	0.79	(1.17)	---	0.0751
48		---	---	ND	---	0.0250

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: New Lenox Rd Bridge
Lab Sample ID: 10684289011
Filename: P240227A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.529	0.77	0.732	---	0.0501
50	50/53	23.342	0.79	0.618	---	0.0501
51	45/51	24.177	0.79	(0.766)	---	0.0501
52		26.003	0.78	0.751	---	0.129
53	50/53	23.342	0.79	(0.618)	---	0.0501
54		20.913	0.77	0.395	---	0.0250
55		---	---	ND	---	0.0250
56		---	---	ND	---	0.0250
57		---	---	ND	---	0.0250
58		---	---	ND	---	0.0250
59	59/62/75	---	---	ND	---	0.0751
60		---	---	ND	---	0.0250
61	61/70/74/76	31.146	0.79	0.136	---	0.100
62	59/62/75	---	---	ND	---	0.0751
63		---	---	ND	---	0.0250
64		28.432	0.77	0.0402	---	0.0250
65	44/47/65	27.148	0.79	(1.17)	---	0.0751
66		31.501	0.80	0.0937	---	0.0591
67		---	---	ND	---	0.0250
68		---	---	ND	---	0.0250
69	49/69	26.529	0.77	(0.732)	---	0.0501
70	61/70/74/76	31.146	0.79	(0.136)	---	0.100
71	40/41/71	28.200	0.77	(0.133)	---	0.0751
72		---	---	ND	---	0.0250
73	43/73	---	---	ND	---	0.0501
74	61/70/74/76	31.146	0.79	(0.136)	---	0.100
75	59/62/75	---	---	ND	---	0.0751
76	61/70/74/76	31.146	0.79	(0.136)	---	0.100
77		---	---	ND	---	0.0250
78		---	---	ND	---	0.0250
79		---	---	ND	---	0.0250
80		---	---	ND	---	0.0250
81		---	---	ND	---	0.0250
82		35.740	1.50	0.0284	---	0.0250
83		---	---	ND	---	0.0250
84		31.378	1.57	0.110	---	0.0250
85	85/116/117	35.229	1.53	0.0821	---	0.0751
86	86/87/97/108/119/125	34.564	1.52	0.328	---	0.150
87	86/87/97/108/119/125	34.564	1.52	(0.328)	---	0.150
88	88/91	31.161	1.54	0.229	---	0.0501
89		---	---	ND	---	0.0250
90	90/101/113	33.327	1.58	1.03	---	0.0751
91	88/91	31.161	1.54	(0.229)	---	0.0501
92		32.723	1.55	0.226	---	0.0250
93	93/98/100/102	30.480	1.58	0.226	---	0.100
94		29.753	1.52	0.0406	---	0.0250
95		30.217	1.56	0.781	---	0.0701
96		---	---	ND	---	0.0250

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: New Lenox Rd Bridge
Lab Sample ID: 10684289011
Filename: P240227A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.564	1.52	(0.328)	---	0.150
98	93/98/100/102	30.480	1.58	(0.226)	---	0.100
99		33.961	1.56	0.330	---	0.0250
100	93/98/100/102	30.480	1.58	(0.226)	---	0.100
101	90/101/113	33.327	1.58	(1.03)	---	0.0751
102	93/98/100/102	30.480	1.58	(0.226)	---	0.100
103		29.537	1.54	0.0819	---	0.0250
104		27.055	1.62	0.0458	---	0.0250
105		39.724	1.57	0.0964	---	0.0250
106		---	---	ND	---	0.0250
107	107/124	---	---	ND	---	0.0501
108	86/87/97/108/119/125	34.564	1.52	(0.328)	---	0.150
109		38.048	1.71	0.0267	---	0.0250
110	110/115	35.399	1.62	0.727	---	0.0501
111		---	---	ND	---	0.0250
112		---	---	ND	---	0.0250
113	90/101/113	33.327	1.58	(1.03)	---	0.0751
114		---	---	ND	---	0.0250
115	110/115	35.399	1.62	(0.727)	---	0.0501
116	85/116/117	35.229	1.53	(0.0821)	---	0.0751
117	85/116/117	35.229	1.53	(0.0821)	---	0.0751
118		38.517	1.57	0.336	---	0.0391
119	86/87/97/108/119/125	34.564	1.52	(0.328)	---	0.150
120		---	---	ND	---	0.0250
121		---	---	ND	---	0.0250
122		---	---	ND	---	0.0250
123		---	---	ND	---	0.0250
124	107/124	---	---	ND	---	0.0501
125	86/87/97/108/119/125	34.564	1.52	(0.328)	---	0.150
126		---	---	ND	---	0.0250
127		---	---	ND	---	0.0250
128	128/166	43.028	1.23	0.142	---	0.0501
129	129/138/163	41.720	1.24	2.44	---	0.0751
130		41.049	1.23	0.0904	---	0.0250
131		---	---	ND	---	0.0250
132		38.618	1.23	0.615	---	0.0250
133		39.138	1.14	0.0445	---	0.0250
134	134/143	37.528	1.24	0.0956	---	0.0501
135	135/151	36.359	1.24	1.08	---	0.0501
136		33.853	1.26	0.308	---	0.0250
137		41.284	1.29	0.0284	---	0.0250
138	129/138/163	41.720	1.24	(2.44)	---	0.0751
139	139/140	---	---	ND	---	0.0501
140	139/140	---	---	ND	---	0.0501
141		40.647	1.28	0.573	---	0.0250
142		---	---	ND	---	0.0250
143	134/143	37.528	1.24	(0.0956)	---	0.0501
144		36.946	1.24	0.113	---	0.0250

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: New Lenox Rd Bridge
Lab Sample ID: 10684289011
Filename: P240227A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0250
146		39.808	1.25	0.380	---	0.0250
147	147/149	37.327	1.27	1.37	---	0.0501
148		---	---	ND	---	0.0250
149	147/149	37.327	1.27	(1.37)	---	0.0501
150		---	---	ND	---	0.0250
151	135/151	36.359	1.24	(1.08)	---	0.0501
152		---	---	ND	---	0.0250
153	153/168	40.445	1.28	2.49	---	0.0501
154		36.637	1.26	0.0525	---	0.0250
155		---	---	ND	---	0.0250
156	156/157	45.951	1.27	0.138	---	0.0501
157	156/157	45.951	1.27	(0.138)	---	0.0501
158		42.122	1.25	0.175	---	0.0250
159		43.989	1.31	0.0329	---	0.0250
160		---	---	ND	---	0.0250
161		---	---	ND	---	0.0250
162		---	---	ND	---	0.0250
163	129/138/163	41.720	1.24	(2.44)	---	0.0751
164		41.401	1.21	0.162	---	0.0250
165		---	---	ND	---	0.0250
166	128/166	43.028	1.23	(0.142)	---	0.0501
167		44.794	1.32	0.0638	---	0.0250
168	153/168	40.445	1.28	(2.49)	---	0.0501
169		---	---	ND	---	0.0250
170		48.667	1.03	1.23	---	0.0250
171	171/173	45.096	1.07	0.354	---	0.0501
172		46.722	1.04	0.230	---	0.0250
173	171/173	45.096	1.07	(0.354)	---	0.0501
174		43.989	1.04	1.34	---	0.0250
175		42.843	0.99	0.0484	---	0.0250
176		40.311	1.08	0.141	---	0.0250
177		44.442	1.02	0.762	---	0.0250
178		42.173	1.07	0.272	---	0.0250
179		39.406	1.04	0.485	---	0.0250
180	180/193	47.393	1.05	3.18	---	0.0501
181		---	---	ND	---	0.0250
182		---	---	ND	---	0.0250
183	183/185	43.754	1.04	0.783	---	0.0501
184		---	---	ND	---	0.0250
185	183/185	43.754	1.04	(0.783)	---	0.0501
186		---	---	ND	---	0.0250
187		43.112	1.02	1.52	---	0.0250
188		---	---	ND	---	0.0250
189		51.827	1.05	0.0434	---	0.0250
190		49.203	1.05	0.286	---	0.0250
191		47.745	1.04	0.0526	---	0.0250
192		---	---	ND	---	0.0250

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: New Lenox Rd Bridge
Lab Sample ID: 10684289011
Filename: P240227A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.393	1.05	(3.18)	---	0.0501
194		53.960	0.89	0.741	---	0.0250
195		51.611	0.93	0.314	---	0.0250
196		50.059	0.92	0.392	---	0.0250
197	197/200	46.554	0.89	0.122	---	0.0501
198	198/199	49.388	0.92	0.804	---	0.0501
199	198/199	49.388	0.92	(0.804)	---	0.0501
200	197/200	46.554	0.89	(0.122)	---	0.0501
201		45.515	0.87	0.0932	---	0.0250
202		44.559	0.91	0.140	---	0.0250
203		50.260	0.88	0.497	---	0.0250
204		---	---	ND	---	0.0250
205		54.456	0.86	0.0421	---	0.0250
206		56.202	0.80	0.206	---	0.0250
207		52.322	0.80	0.0274	---	0.0250
208		51.374	0.76	0.0388	---	0.0250
209		---	---	ND	---	0.0250

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	New Lenox Rd Bridge
Lab Sample ID	10684289011
Filename	P240227A_11

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.394
Total Dichloro Biphenyls	4.76
Total Trichloro Biphenyls	3.17
Total Tetrachloro Biphenyls	4.91
Total Pentachloro Biphenyls	4.73
Total Hexachloro Biphenyls	10.4
Total Heptachloro Biphenyls	10.7
Total Octachloro Biphenyls	3.15
Total Nonachloro Biphenyls	0.272
DecachloroBiphenyls	ND
Total PCBs	42.5

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Near Pittsfield WWTP		
Lab Sample ID	10684289012-R		
Filename	P240312A_06		
Injected By	CVS		
Total Amount Extracted	1040 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	02/16/2024 14:30
ICAL ID	P240312A02	Received	02/20/2024 08:50
CCal Filename(s)	P240312A_01	Extracted	03/07/2024 13:30
Method Blank ID	BLANK-111588	Analyzed	03/12/2024 10:06

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery	
Labeled Analytes							
13C-2-MoCB	1	10.313	2.72	2.0	0.0866	4	R
13C-4-MoCB	3	13.049	3.20	2.0	0.291	15	
13C-2,2'-DiCB	4	13.354	1.53	2.0	0.258	13	
13C-4,4'-DiCB	15	20.377	1.63	2.0	1.05	52	
13C-2,2',6-TrCB	19	17.139	1.06	2.0	0.530	27	
13C-3,4,4'-TrCB	37	28.133	1.08	2.0	1.55	78	
13C-2,2',6,6'-TeCB	54	20.724	0.79	2.0	0.637	32	
13C-3,4,4',5-TeCB	81	35.286	0.81	2.0	2.02	101	
13C-3,3',4,4'-TeCB	77	35.859	0.79	2.0	2.27	114	
13C-2,2',4,6,6'-PeCB	104	26.818	1.57	2.0	0.659	33	
13C-2,3,3',4,4'-PeCB	105	39.481	1.62	2.0	2.13	106	
13C-2,3,4,4',5-PeCB	114	38.827	1.63	2.0	1.94	97	
13C-2,3',4,4',5-PeCB	118	38.274	1.61	2.0	1.99	99	
13C-2,3',4,4',5'-PeCB	123	37.939	1.57	2.0	1.93	97	
13C-3,3',4,4',5-PeCB	126	42.650	1.65	2.0	2.33	117	
13C-2,2',4,4',6,6'-HxCB	155	32.889	1.26	2.0	0.737	37	
13C-HxCB (156/157)	156/157	45.740	1.29	4.0	3.64	91	
13C-2,3',4,4',5,5'-HxCB	167	44.567	1.29	2.0	1.82	91	
13C-3,3',4,4',5,5'-HxCB	169	49.027	1.30	2.0	1.99	100	
13C-2,2',3,4',5,6,6'-HpCB	188	38.811	1.04	2.0	1.39	70	
13C-2,3,3',4,4',5,5'-HpCB	189	51.595	1.08	2.0	2.43	121	
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.315	0.91	2.0	1.62	81	
13C-2,3,3',4,4',5,5',6-OcCB	205	54.224	0.90	2.0	2.08	104	
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.970	0.79	2.0	1.87	94	
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.120	0.79	2.0	1.91	95	
13C-DeCB	209	57.586	0.69	2.0	1.94	97	
Cleanup Standards							
13C-2,4,4'-TrCB	28	23.786	1.08	2.0	1.73	86	
13C-2,3,3',5,5'-PeCB	111	35.905	1.62	2.0	1.85	93	
13C-2,2',3,3',5,5',6-HpCB	178	41.929	1.07	2.0	1.66	83	
Recovery Standards							
13C-2,5-DiCB	9	15.779	1.61	2.0	NA	NA	
13C-2,2',5,5'-TeCB	52	25.782	0.78	2.0	NA	NA	
13C-2,2',4,5,5'-PeCB	101	33.105	1.61	2.0	NA	NA	
13C-2,2',3,4,4',5'-HxCB	138	41.476	1.28	2.0	NA	NA	
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.728	0.90	2.0	NA	NA	

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Near Pittsfield WWTP
Lab Sample ID: 10684289012-R
Filename: P240312A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.324	2.97	0.263 J	---	0.0384
2		R ---	---	ND	---	0.0384
3		---	---	ND	---	0.0384
4		13.377	1.55	4.32	---	0.0384
5		---	---	ND	---	0.0384
6		16.288	1.65	0.0888	---	0.0384
7		---	---	ND	---	0.0384
8		16.807	1.60	0.122	---	0.0384
9		---	---	ND	---	0.0384
10		13.592	1.45	0.0763	---	0.0384
11		---	---	ND	---	0.376
12	12/13	---	---	ND	---	0.0768
13	12/13	---	---	ND	---	0.0768
14		---	---	ND	---	0.0384
15		20.399	1.54	0.112	---	0.0507
16		20.344	0.92	0.0404	---	0.0384
17		19.824	1.03	0.282	---	0.0384
18	18/30	19.338	1.02	0.189	---	0.0768
19		17.149	1.08	1.98	---	0.0384
20	20/28	---	---	ND	---	0.198
21	21/33	---	---	ND	---	0.207
22		---	---	ND	---	0.146
23		---	---	ND	---	0.0384
24		---	---	ND	---	0.0384
25		23.137	1.03	0.0784	---	0.0384
26	26/29	22.858	1.04	0.131	---	0.0768
27		20.067	1.04	0.252	---	0.0384
28	20/28	---	---	ND	---	0.198
29	26/29	22.858	1.04	(0.131)	---	0.0768
30	18/30	19.338	1.02	(0.189)	---	0.0768
31		---	---	ND	---	0.200
32		20.940	1.06	0.187	---	0.0384
33	21/33	---	---	ND	---	0.207
34		---	---	ND	---	0.0384
35		---	---	ND	---	0.0384
36		---	---	ND	---	0.0384
37		---	---	ND	---	0.0814
38		---	---	ND	---	0.0384
39		---	---	ND	---	0.0384
40	40/41/71	27.994	0.81	0.151	---	0.115
41	40/41/71	27.994	0.81	(0.151)	---	0.115
42		27.468	0.79	0.0586	---	0.0384
43	43/73	---	---	ND	---	0.0768
44	44/47/65	26.942	0.79	1.06	---	0.115
45	45/51	24.003	0.80	0.700	---	0.0768
46		---	---	ND	---	0.0384
47	44/47/65	26.942	0.79	(1.06)	---	0.115
48		---	---	ND	---	0.0384

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Near Pittsfield WWTP
Lab Sample ID: 10684289012-R
Filename: P240312A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.339	0.78	0.783	---	0.0768
50	50/53	23.168	0.77	0.596	---	0.0768
51	45/51	24.003	0.80	(0.700)	---	0.0768
52		25.797	0.78	0.870	---	0.198
53	50/53	23.168	0.77	(0.596)	---	0.0768
54		20.754	0.81	0.359	---	0.0384
55		---	---	ND	---	0.0384
56		---	---	ND	---	0.0384
57		---	---	ND	---	0.0384
58		---	---	ND	---	0.0384
59	59/62/75	---	---	ND	---	0.115
60		---	---	ND	---	0.0384
61	61/70/74/76	---	---	ND	---	0.154
62	59/62/75	---	---	ND	---	0.115
63		---	---	ND	---	0.0384
64		28.226	0.78	0.0499	---	0.0384
65	44/47/65	26.942	0.79	(1.06)	---	0.115
66		31.295	0.81	0.0967	---	0.0906
67		---	---	ND	---	0.0384
68		---	---	ND	---	0.0384
69	49/69	26.339	0.78	(0.783)	---	0.0768
70	61/70/74/76	---	---	ND	---	0.154
71	40/41/71	27.994	0.81	(0.151)	---	0.115
72		---	---	ND	---	0.0384
73	43/73	---	---	ND	---	0.0768
74	61/70/74/76	---	---	ND	---	0.154
75	59/62/75	---	---	ND	---	0.115
76	61/70/74/76	---	---	ND	---	0.154
77		---	---	ND	---	0.0384
78		---	---	ND	---	0.0384
79		---	---	ND	---	0.0384
80		---	---	ND	---	0.0384
81		---	---	ND	---	0.0384
82		35.503	1.48	0.0389	---	0.0384
83		33.616	1.36	0.0398	---	0.0384
84		31.172	1.53	0.155	---	0.0384
85	85/116/117	---	---	ND	---	0.115
86	86/87/97/108/119/125	34.265	1.51	0.416	---	0.230
87	86/87/97/108/119/125	34.265	1.51	(0.416)	---	0.230
88	88/91	30.940	1.64	0.252	---	0.0768
89		---	---	ND	---	0.0384
90	90/101/113	33.136	1.54	1.16	---	0.115
91	88/91	30.940	1.64	(0.252)	---	0.0768
92		32.502	1.54	0.272	---	0.0384
93	93/98/100/102	30.259	1.59	0.236	---	0.154
94		29.563	1.56	0.0452	---	0.0384
95		30.011	1.56	1.02	---	0.108
96		---	---	ND	---	0.0384

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Near Pittsfield WWTP
Lab Sample ID: 10684289012-R
Filename: P240312A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.265	1.51	(0.416)	---	0.230
98	93/98/100/102	30.259	1.59	(0.236)	---	0.154
99		33.739	1.58	0.381	---	0.0384
100	93/98/100/102	30.259	1.59	(0.236)	---	0.154
101	90/101/113	33.136	1.54	(1.16)	---	0.115
102	93/98/100/102	30.259	1.59	(0.236)	---	0.154
103		29.331	1.65	0.0829	---	0.0384
104		26.849	1.54	0.0468	---	0.0384
105		39.498	1.59	0.0906	---	0.0384
106		---	---	ND	---	0.0384
107	107/124	---	---	ND	---	0.0768
108	86/87/97/108/119/125	34.265	1.51	(0.416)	---	0.230
109		---	---	ND	---	0.0384
110	110/115	35.178	1.54	0.907	---	0.0768
111		---	---	ND	---	0.0384
112		---	---	ND	---	0.0384
113	90/101/113	33.136	1.54	(1.16)	---	0.115
114		---	---	ND	---	0.0384
115	110/115	35.178	1.54	(0.907)	---	0.0768
116	85/116/117	---	---	ND	---	0.115
117	85/116/117	---	---	ND	---	0.115
118		38.307	1.65	0.343	---	0.0599
119	86/87/97/108/119/125	34.265	1.51	(0.416)	---	0.230
120		---	---	ND	---	0.0384
121		---	---	ND	---	0.0384
122		---	---	ND	---	0.0384
123		---	---	ND	---	0.0384
124	107/124	---	---	ND	---	0.0768
125	86/87/97/108/119/125	34.265	1.51	(0.416)	---	0.230
126		---	---	ND	---	0.0384
127		---	---	ND	---	0.0384
128	128/166	42.801	1.24	0.164	---	0.0768
129	129/138/163	41.510	1.25	2.31	---	0.115
130		40.839	1.23	0.0904	---	0.0384
131		---	---	ND	---	0.0384
132		38.408	1.26	0.638	---	0.0384
133		38.911	1.25	0.0460	---	0.0384
134	134/143	37.318	1.28	0.109	---	0.0768
135	135/151	36.137	1.23	1.43	---	0.0768
136		33.631	1.22	0.441	---	0.0384
137		41.074	1.30	0.0429	---	0.0384
138	129/138/163	41.510	1.25	(2.31)	---	0.115
139	139/140	---	---	ND	---	0.0768
140	139/140	---	---	ND	---	0.0768
141		40.420	1.26	0.556	---	0.0384
142		---	---	ND	---	0.0384
143	134/143	37.318	1.28	(0.109)	---	0.0768
144		36.740	1.32	0.143	---	0.0384

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Near Pittsfield WWTP
Lab Sample ID: 10684289012-R
Filename: P240312A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0384
146		39.598	1.22	0.399	---	0.0384
147	147/149	37.117	1.26	2.53	---	0.0768
148		---	---	ND	---	0.0384
149	147/149	37.117	1.26	(2.53)	---	0.0768
150		---	---	ND	---	0.0384
151	135/151	36.137	1.23	(1.43)	---	0.0768
152		---	---	ND	---	0.0384
153	153/168	40.219	1.26	2.36	---	0.0768
154		36.416	1.24	0.0760	---	0.0384
155		---	---	ND	---	0.0384
156	156/157	45.740	1.26	0.102	---	0.0768
157	156/157	45.740	1.26	(0.102)	---	0.0768
158		41.912	1.21	0.160	---	0.0384
159		---	---	ND	---	0.0384
160		---	---	ND	---	0.0384
161		---	---	ND	---	0.0384
162		---	---	ND	---	0.0384
163	129/138/163	41.510	1.25	(2.31)	---	0.115
164		41.174	1.33	0.159	---	0.0384
165		---	---	ND	---	0.0384
166	128/166	42.801	1.24	(0.164)	---	0.0768
167		44.583	1.38	0.0504	---	0.0384
168	153/168	40.219	1.26	(2.36)	---	0.0768
169		---	---	ND	---	0.0384
170		48.440	1.05	0.709	---	0.0384
171	171/173	44.868	0.98	0.231	---	0.0768
172		46.495	1.01	0.139	---	0.0384
173	171/173	44.868	0.98	(0.231)	---	0.0768
174		43.762	1.01	0.879	---	0.0384
175		---	---	ND	---	0.0384
176		40.102	1.02	0.130	---	0.0384
177		44.215	1.03	0.514	---	0.0384
178		41.963	1.08	0.221	---	0.0384
179		39.179	1.05	0.495	---	0.0384
180	180/193	47.166	1.04	1.72	---	0.0768
181		---	---	ND	---	0.0384
182		---	---	ND	---	0.0384
183	183/185	43.527	1.05	0.604	---	0.0768
184		---	---	ND	---	0.0384
185	183/185	43.527	1.05	(0.604)	---	0.0768
186		---	---	ND	---	0.0384
187		42.902	1.06	1.29	---	0.0384
188		---	---	ND	---	0.0384
189		---	---	ND	---	0.0384
190		48.993	1.06	0.158	---	0.0384
191		---	---	ND	---	0.0384
192		---	---	ND	---	0.0384

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10684289012-R
Filename	P240312A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.166	1.04	(1.72)	---	0.0768
194		53.750	0.90	0.321	---	0.0384
195		51.379	0.89	0.0884	---	0.0384
196		49.832	0.90	0.211	---	0.0384
197	197/200	---	---	ND	---	0.0768
198	198/199	49.161	0.89	0.512	---	0.0768
199	198/199	49.161	0.89	(0.512)	---	0.0768
200	197/200	---	---	ND	---	0.0768
201		45.288	0.87	0.0562	---	0.0384
202		44.349	0.90	0.0902	---	0.0384
203		50.033	0.89	0.268	---	0.0384
204		---	---	ND	---	0.0384
205		---	---	ND	---	0.0384
206		55.991	0.78	0.123	---	0.0384
207		---	---	ND	---	0.0384
208		---	---	ND	---	0.0384
209		57.629	0.64	0.0463	---	0.0384

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10684289012-R
Filename	P240312A_06

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.263
Total Dichloro Biphenyls	4.72
Total Trichloro Biphenyls	3.14
Total Tetrachloro Biphenyls	4.73
Total Pentachloro Biphenyls	5.48
Total Hexachloro Biphenyls	11.8
Total Heptachloro Biphenyls	7.09
Total Octachloro Biphenyls	1.55
Total Nonachloro Biphenyls	0.123
DecachloroBiphenyls	0.0463
Total PCBs	38.9

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Pomeroy Avenue Bridge		
Lab Sample ID	10684289013-R		
Filename	P240312A_07		
Injected By	CVS		
Total Amount Extracted	1050 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	02/16/2024 16:45
ICAL ID	P240312A02	Received	02/20/2024 08:50
CCal Filename(s)	P240312A_01	Extracted	03/07/2024 13:30
Method Blank ID	BLANK-111588	Analyzed	03/12/2024 11:09

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.211	3.05	2.0	0.556	28
13C-4-MoCB	3	12.993	3.06	2.0	0.747	37
13C-2,2'-DiCB	4	13.298	1.51	2.0	0.584	29
13C-4,4'-DiCB	15	20.366	1.63	2.0	0.993	50
13C-2,2',6-TrCB	19	17.105	1.05	2.0	0.639	32
13C-3,4,4'-TrCB	37	28.133	1.07	2.0	1.31	66
13C-2,2',6,6'-TeCB	54	20.708	0.78	2.0	0.589	29
13C-3,4,4',5-TeCB	81	35.286	0.80	2.0	1.66	83
13C-3,3',4,4'-TeCB	77	35.859	0.79	2.0	1.84	92
13C-2,2',4,6,6'-PeCB	104	26.834	1.59	2.0	0.487	24
13C-2,3,3',4,4'-PeCB	105	39.481	1.62	2.0	1.72	86
13C-2,3,4,4',5-PeCB	114	38.827	1.64	2.0	1.60	80
13C-2,3',4,4',5-PeCB	118	38.274	1.63	2.0	1.62	81
13C-2,3',4,4',5'-PeCB	123	37.938	1.59	2.0	1.60	80
13C-3,3',4,4',5-PeCB	126	42.650	1.60	2.0	1.90	95
13C-2,2',4,4',6,6'-HxCB	155	32.889	1.24	2.0	0.518	26
13C-HxCB (156/157)	156/157	45.724	1.30	4.0	3.20	80
13C-2,3',4,4',5,5'-HxCB	167	44.550	1.30	2.0	1.59	80
13C-3,3',4,4',5,5'-HxCB	169	49.027	1.27	2.0	1.72	86
13C-2,2',3,4',5,6,6'-HpCB	188	38.827	1.03	2.0	1.06	53
13C-2,3,3',4,4',5,5'-HpCB	189	51.573	1.07	2.0	1.78	89
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.315	0.91	2.0	1.30	65
13C-2,3,3',4,4',5,5',6-OcCB	205	54.181	0.89	2.0	1.64	82
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.948	0.79	2.0	1.53	77
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.099	0.81	2.0	1.52	76
13C-DeCB	209	57.586	0.68	2.0	1.54	77
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.787	1.05	2.0	1.34	67
13C-2,3,3',5,5'-PeCB	111	35.889	1.63	2.0	1.53	77
13C-2,2',3,3',5,5',6-HpCB	178	41.929	1.08	2.0	1.38	69
Recovery Standards						
13C-2,5-DiCB	9	15.746	1.59	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.782	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.105	1.63	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.476	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.707	0.92	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Pomeroy Avenue Bridge
Lab Sample ID: 10684289013-R
Filename: P240312A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.222	3.15	0.631	---	0.0380
2		---	---	ND	---	0.0380
3		13.016	2.84	0.0460	---	0.0380
4		13.321	1.56	9.05	---	0.0380
5		---	---	ND	---	0.0380
6		16.254	1.60	0.286	---	0.0380
7		---	---	ND	---	0.0380
8		16.774	1.61	0.378	---	0.0380
9		15.768	1.60	0.0462	---	0.0380
10		13.536	1.52	0.267	---	0.0380
11		---	---	ND	---	0.373
12	12/13	20.001	1.43	0.0784	---	0.0761
13	12/13	20.001	1.43	(0.0784)	---	0.0761
14		---	---	ND	---	0.0380
15		20.388	1.47	0.169	---	0.0502
16		20.333	0.98	0.112	---	0.0380
17		19.813	1.04	0.484	---	0.0380
18	18/30	19.327	1.04	0.425	---	0.0761
19		17.128	1.07	2.04	---	0.0380
20	20/28	---	---	ND	---	0.196
21	21/33	---	---	ND	---	0.205
22		---	---	ND	---	0.145
23		---	---	ND	---	0.0380
24		---	---	ND	---	0.0380
25		23.122	1.03	0.0864	---	0.0380
26	26/29	22.858	1.08	0.198	---	0.0761
27		20.045	1.08	0.408	---	0.0380
28	20/28	---	---	ND	---	0.196
29	26/29	22.858	1.08	(0.198)	---	0.0761
30	18/30	19.327	1.04	(0.425)	---	0.0761
31		---	---	ND	---	0.198
32		20.925	1.07	0.198	---	0.0380
33	21/33	---	---	ND	---	0.205
34		---	---	ND	---	0.0380
35		---	---	ND	---	0.0380
36		---	---	ND	---	0.0380
37		---	---	ND	---	0.0806
38		---	---	ND	---	0.0380
39		---	---	ND	---	0.0380
40	40/41/71	---	---	ND	---	0.114
41	40/41/71	---	---	ND	---	0.114
42		27.468	0.83	0.0461	---	0.0380
43	43/73	---	---	ND	---	0.0761
44	44/47/65	26.880	0.80	0.404	---	0.114
45	45/51	24.003	0.77	0.236	---	0.0761
46		24.251	0.74	0.0398	---	0.0380
47	44/47/65	26.880	0.80	(0.404)	---	0.114
48		---	---	ND	---	0.0380

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Pomeroy Avenue Bridge
Lab Sample ID: 10684289013-R
Filename: P240312A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.339	0.79	0.350	---	0.0761
50	50/53	23.152	0.79	0.348	---	0.0761
51	45/51	24.003	0.77	(0.236)	---	0.0761
52		25.813	0.78	0.811	---	0.196
53	50/53	23.152	0.79	(0.348)	---	0.0761
54		20.739	0.75	0.143	---	0.0380
55		---	---	ND	---	0.0380
56		---	---	ND	---	0.0380
57		---	---	ND	---	0.0380
58		---	---	ND	---	0.0380
59	59/62/75	---	---	ND	---	0.114
60		---	---	ND	---	0.0380
61	61/70/74/76	---	---	ND	---	0.152
62	59/62/75	---	---	ND	---	0.114
63		---	---	ND	---	0.0380
64		28.242	0.79	0.0679	---	0.0380
65	44/47/65	26.880	0.80	(0.404)	---	0.114
66		---	---	ND	---	0.0898
67		---	---	ND	---	0.0380
68		---	---	ND	---	0.0380
69	49/69	26.339	0.79	(0.350)	---	0.0761
70	61/70/74/76	---	---	ND	---	0.152
71	40/41/71	---	---	ND	---	0.114
72		---	---	ND	---	0.0380
73	43/73	---	---	ND	---	0.0761
74	61/70/74/76	---	---	ND	---	0.152
75	59/62/75	---	---	ND	---	0.114
76	61/70/74/76	---	---	ND	---	0.152
77		---	---	ND	---	0.0380
78		---	---	ND	---	0.0380
79		---	---	ND	---	0.0380
80		---	---	ND	---	0.0380
81		---	---	ND	---	0.0380
82		---	---	ND	---	0.0380
83		---	---	ND	---	0.0380
84		31.172	1.58	0.0942	---	0.0380
85	85/116/117	---	---	ND	---	0.114
86	86/87/97/108/119/125	---	---	ND	---	0.228
87	86/87/97/108/119/125	---	---	ND	---	0.228
88	88/91	---	---	ND	---	0.0761
89		---	---	ND	---	0.0380
90	90/101/113	33.136	1.58	0.278	---	0.114
91	88/91	---	---	ND	---	0.0761
92		32.517	1.51	0.0453	---	0.0380
93	93/98/100/102	---	---	ND	---	0.152
94		---	---	ND	---	0.0380
95		30.027	1.59	0.498	---	0.106
96		---	---	ND	---	0.0380

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Pomeroy Avenue Bridge
Lab Sample ID: 10684289013-R
Filename: P240312A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.228
98	93/98/100/102	---	---	ND	---	0.152
99		33.739	1.52	0.0702	---	0.0380
100	93/98/100/102	---	---	ND	---	0.152
101	90/101/113	33.136	1.58	(0.278)	---	0.114
102	93/98/100/102	---	---	ND	---	0.152
103		---	---	ND	---	0.0380
104		---	---	ND	---	0.0380
105		---	---	ND	---	0.0380
106		---	---	ND	---	0.0380
107	107/124	---	---	ND	---	0.0761
108	86/87/97/108/119/125	---	---	ND	---	0.228
109		---	---	ND	---	0.0380
110	110/115	35.178	1.60	0.214	---	0.0761
111		---	---	ND	---	0.0380
112		---	---	ND	---	0.0380
113	90/101/113	33.136	1.58	(0.278)	---	0.114
114		---	---	ND	---	0.0380
115	110/115	35.178	1.60	(0.214)	---	0.0761
116	85/116/117	---	---	ND	---	0.114
117	85/116/117	---	---	ND	---	0.114
118		38.291	1.58	0.0819	---	0.0593
119	86/87/97/108/119/125	---	---	ND	---	0.228
120		---	---	ND	---	0.0380
121		---	---	ND	---	0.0380
122		---	---	ND	---	0.0380
123		---	---	ND	---	0.0380
124	107/124	---	---	ND	---	0.0761
125	86/87/97/108/119/125	---	---	ND	---	0.228
126		---	---	ND	---	0.0380
127		---	---	ND	---	0.0380
128	128/166	---	---	ND	---	0.0761
129	129/138/163	41.510	1.25	0.214	---	0.114
130		---	---	ND	---	0.0380
131		---	---	ND	---	0.0380
132		38.408	1.31	0.0724	---	0.0380
133		---	---	ND	---	0.0380
134	134/143	---	---	ND	---	0.0761
135	135/151	36.122	1.24	0.137	---	0.0761
136		33.647	1.31	0.0536	---	0.0380
137		---	---	ND	---	0.0380
138	129/138/163	41.510	1.25	(0.214)	---	0.114
139	139/140	---	---	ND	---	0.0761
140	139/140	---	---	ND	---	0.0761
141		40.420	1.19	0.0529	---	0.0380
142		---	---	ND	---	0.0380
143	134/143	---	---	ND	---	0.0761
144		---	---	ND	---	0.0380

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Pomeroy Avenue Bridge
Lab Sample ID	10684289013-R
Filename	P240312A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0380
146		---	---	ND	---	0.0380
147	147/149	37.100	1.23	0.241	---	0.0761
148		---	---	ND	---	0.0380
149	147/149	37.100	1.23	(0.241)	---	0.0761
150		---	---	ND	---	0.0380
151	135/151	36.122	1.24	(0.137)	---	0.0761
152		---	---	ND	---	0.0380
153	153/168	40.219	1.23	0.208	---	0.0761
154		---	---	ND	---	0.0380
155		---	---	ND	---	0.0380
156	156/157	---	---	ND	---	0.0761
157	156/157	---	---	ND	---	0.0761
158		---	---	ND	---	0.0380
159		---	---	ND	---	0.0380
160		---	---	ND	---	0.0380
161		---	---	ND	---	0.0380
162		---	---	ND	---	0.0380
163	129/138/163	41.510	1.25	(0.214)	---	0.114
164		---	---	ND	---	0.0380
165		---	---	ND	---	0.0380
166	128/166	---	---	ND	---	0.0761
167		---	---	ND	---	0.0380
168	153/168	40.219	1.23	(0.208)	---	0.0761
169		---	---	ND	---	0.0380
170		48.440	0.99	0.0579	---	0.0380
171	171/173	---	---	ND	---	0.0761
172		---	---	ND	---	0.0380
173	171/173	---	---	ND	---	0.0761
174		43.762	1.03	0.0657	---	0.0380
175		---	---	ND	---	0.0380
176		---	---	ND	---	0.0380
177		---	---	ND	---	0.0380
178		---	---	ND	---	0.0380
179		---	---	ND	---	0.0380
180	180/193	47.166	1.03	0.138	---	0.0761
181		---	---	ND	---	0.0380
182		---	---	ND	---	0.0380
183	183/185	---	---	ND	---	0.0761
184		---	---	ND	---	0.0380
185	183/185	---	---	ND	---	0.0761
186		---	---	ND	---	0.0380
187		42.885	1.03	0.0913	---	0.0380
188		---	---	ND	---	0.0380
189		---	---	ND	---	0.0380
190		---	---	ND	---	0.0380
191		---	---	ND	---	0.0380
192		---	---	ND	---	0.0380

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Pomeroy Avenue Bridge
Lab Sample ID: 10684289013-R
Filename: P240312A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.166	1.03	(0.138)	---	0.0761
194		---	---	ND	---	0.0380
195		---	---	ND	---	0.0380
196		---	---	ND	---	0.0380
197	197/200	---	---	ND	---	0.0761
198	198/199	---	---	ND	---	0.0761
199	198/199	---	---	ND	---	0.0761
200	197/200	---	---	ND	---	0.0761
201		---	---	ND	---	0.0380
202		---	---	ND	---	0.0380
203		---	---	ND	---	0.0380
204		---	---	ND	---	0.0380
205		---	---	ND	---	0.0380
206		---	---	ND	---	0.0380
207		---	---	ND	---	0.0380
208		---	---	ND	---	0.0380
209		---	---	ND	---	0.0380

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Pomeroy Avenue Bridge
Lab Sample ID	10684289013-R
Filename	P240312A_07

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.677
Total Dichloro Biphenyls	10.3
Total Trichloro Biphenyls	3.95
Total Tetrachloro Biphenyls	2.45
Total Pentachloro Biphenyls	1.28
Total Hexachloro Biphenyls	0.979
Total Heptachloro Biphenyls	0.353
Total Octachloro Biphenyls	ND
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	20.0

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

General Electric Company

Data Validation Report

Baseline Surface Water Monitoring
Housatonic River – Rest of River
Pittsfield, Massachusetts

Polychlorinated Biphenyl (PCB) Congeners and Total Suspended Solids (TSS) Analyses

SDGs # 10686579, 10686796, and 10686845

Tier I and II Level Data Review

Analyses Performed By:
Pace Analytical Services, Inc.
Minneapolis, Minnesota
And
Pace Analytical Services, Melville, New York

Report # 59099R
Project: 30299972.3000

Table of Contents

1 Summary 1
1.1 Analytical Data Package Documentation 2
1.2 Data Validation Procedures 3
2 Polychlorinated Biphenyl Congener Analyses 5
2.1 Holding Times 5
2.2 Blank Contamination 5
2.3 System Performance 6
2.4 Calibration 6
2.4.1 Initial Calibration 6
2.4.2 Continuing Calibration 6
2.5 Surrogates/System Monitoring Compounds 6
2.6 Internal Standard Performance 7
2.7 Matrix Spike/Matrix Spike Duplicate Analysis 7
2.8 Laboratory Duplicate Analysis 7
2.9 Ongoing Precision Result (OPR) / Laboratory Control Sample / Laboratory Control Sample Duplicate Analysis 7
2.10 Field Duplicate Analysis 7
2.11 Compound Identification 10
2.12 System Performance and Overall Assessment 10
2.13 Data Validation Checklist for PCB Congeners 11
3 General Chemistry Analyses 12
3.1 Holding Times 12
3.2 Blank Contamination 12
3.3 Matrix Spike/Matrix Spike Duplicate / Laboratory Duplicate Analysis 12
3.3.1 Matrix Spike/Matrix Spike Duplicate Analysis 12
3.3.2 Laboratory Duplicate Analysis 12
3.4 Field Duplicate Analysis 13
3.5 Laboratory Control Sample (LCS) Analysis 13
3.6 System Performance and Overall Assessment 13
3.7 Data Validation Checklist for General Chemistry 14
4 Overall Data Usability 15

Tables

Table 1. Summary of Samples Subjected to Tier I and Tier II Data Validation 1
Table 2. Evaluation of Data Package Completeness 2
Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation 4
Table 4. Holding Time for USEPA Method 1668C 5
Table 5. Summary of Blank Contamination Qualifications 5
Table 6. Summary of Field Duplicate Analysis 8
Table 7. Data Validation Checklist for Polychlorinated Biphenyls 11
Table 8. Specified Holding Times 12
Table 9. Summary of Field Duplicate Analysis 13
Table 10. Data Validation Checklist for General Chemistry 14
Table 11. Overall Summary of Data Usability 15

Appendices

Appendix A Chain of Custody

Appendix B Annotated Sample Analysis Data Sheets

1 Summary

This attachment summarizes the data validation review of Sample Delivery Groups (SDGs) 10686579, 10686796, and 10686845 performed on behalf of the General Electric Company (GE) for surface water sampling activities conducted as part of the Baseline Monitoring at the GE-Pittsfield/Housatonic River Site. The review was conducted at Tier I and Tier II levels and included review of data package completeness. Field documentation was not included in this review. Included with this assessment are the chain-of-custody forms (Appendix A) and the validation annotated sample analysis data sheets (Appendix B). Analyses were performed on the samples listed in Table 1.

Table 1. Summary of Samples Subjected to Tier I and Tier II Data Validation

SDG	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
10686579	DERBY DAM_20240311	10686579001	Water	3/11/2024			X
	STEVENSON DAM_20240311	10686579002	Water	3/11/2024			X
	SHEPAUG DAM_20240311	10686579003	Water	3/11/2024			X
	RT. 202 BRIDGE_20240312	10686579004	Water	3/12/2024			X
	RT. 341 BRIDGE_20240312	10686579005	Water	3/12/2024			X
	CANAAN TOWN LINE BRIDGE_20240312	10686579006	Water	3/12/2024			X
	FALLS VILLAGE DAM_20240313	10686579007	Water	3/13/2024			X
	RANNAPO RD BRIDGE_20240313	10686579008	Water	3/13/2024			X
	RISING POND DAM_20240313	10686579009	Water	3/13/2024			X
	HR-D1_20240313	10686579010	Water	3/13/2024	RISING POND DAM_20240313		X
	OLD PLEASANT STREET BRIDGE_20240314	10686579011	Water	3/14/2024			X
	WOODS POND DAM_20240314	10686579012	Water	3/14/2024			X
	NEW LENOX RD BRIDGE_20240314	10686579013	Water	3/14/2024			X
10686796	NEAR PITTSFIELD WWTP_20240315	10686796001	Water	3/15/2024			X
	POMEROY AVENUE BRIDGE_20240315	10686796002	Water	3/15/2024			X
10686845	DERBY DAM_20240311	10686845001	Water	3/11/2024		X	
	STEVENSON DAM_20240311	10686845002	Water	3/11/2024		X	
	SHEPAUG DAM_20240311	10686845003	Water	3/11/2024		X	
	HR-EB1_20240311	10686845004	Water	3/11/2024		X	
	RT. 202 BRIDGE_20240312	10686845005	Water	3/12/2024		X	

SDG	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
	RT. 341 BRIDGE_20240312	10686845006	Water	3/12/2024		X	
	CANAAN TOWN LINE BRIDGE_20240312	10686845007	Water	3/12/2024		X	
	FALLS VILLAGE DAM_20240313	10686845008	Water	3/13/2024		X	
	RANNAPO RD BRIDGE_20240313	10686845009	Water	3/13/2024		X	
	RISING POND DAM_20240313	10686845010	Water	3/13/2024		X	
	HR-D1_20240313	10686845011	Water	3/13/2024	RISING POND DAM_20240313	X	
	OLD PLEASANT STREET BRIDGE_20240314	10686845012	Water	3/14/2024		X	
	WOODS POND DAM_20240314	10686845013	Water	3/14/2024		X	
	NEW LENOX RD BRIDGE_20240314	10686845015	Water	3/14/2024		X	
	NEAR PITTSFIELD WWTP_20240315	10686845016	Water	3/15/2024		X	
	POMEROY AVENUE BRIDGE_20240315	10686845017	Water	3/15/2024		X	

Notes:
PCB = Polychlorinated Biphenyl Congeners
TSS = Total suspended solids

1.1 Analytical Data Package Documentation

The table below is the evaluation of the data package completeness.

Table 2. Evaluation of Data Package Completeness

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

Note:
QA = Quality Assurance

1. SDG# 10686845 – As per the COC, the sample WOODS POND DAM (LAB DUP)_20240314 (10686845014) was submitted to the laboratory for duplicate analysis. Hence, this sample was not considered as a regular field sample in this data validation report.

1.2 Data Validation Procedures

Analyses were performed according to United States Environmental Protection Agency (EPA) USEPA Method 1668C and Standard Method 2540D. Data were reviewed in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan – GE-Pittsfield/Housatonic River Site (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, prepared by Arcadis (Revised December 21, 2023);
- EPA Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (July 1996, revised December 1996) (EPA Region I Guidelines);
- EPA National Functional Guidelines for High Resolution Superfund Methods Data Review OLEM 9240.1-65EPA, 542-R-20-007 (November 2020); and
- Second Revised Baseline Monitoring Plan, Housatonic River – Rest of River, General Electric Company, Pittsfield, Massachusetts, prepared by Anchor QEA (January 2023).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers:
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.

- Validation Qualifiers:

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

  JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

  UB Compound considered non-detect at the listed value due to associated blank contamination.

  N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

  R The sample results are rejected.

Two facts should be noted by all data users. First, the “R” flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. “R” values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Section 7.5 of the revised FSP/QAPP states that all analytical data will be validated to a Tier I level following the procedures presented in the EPA Region I Guidelines. The Tier I review consisted of a completeness evidence audit, as outlined in the EPA Region I CSF Completeness Evidence Audit Program (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the EPA Region I Tier I data completeness requirements.

The analytical results described above were also subjected to a Tier II data review. The Tier II data review consisted of a review of data package summary forms for identification of quality assurance (QA)/QC deviations and qualification of the data according to the EPA Region I Guidelines. Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the number of sample analyses subject to Tier I and Tier II data review is presented in the following table.

Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	0	0	0	14	1	1	16
TSS	0	0	0	14	1	0	15

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in EPA Region I Guidelines. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. The annotated sample analysis data sheets attached to this validation report (Appendix B) reflect any added data qualifiers.

2 Polychlorinated Biphenyl Congener Analyses

2.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 4. Holding Time for USEPA Method 1668C

Method	Matrix	Holding Time	Preservation
USEPA Method 1668C	Water	One year from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria.

2.2 Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

All compounds associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the compounds listed in the following table. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Table 5. Summary of Blank Contamination Qualifications

Sample Locations	Compounds	Blank	Sample Result	Qualification
DERBY DAM_20240311	PCB-99	Equipment blank (HR-EB1.2308140830)	Detected sample results >RL and <BAL	"U" at detected sample concentration
HR-D1_20240313 NEAR PITTSFIELD WWTP_20240315 NEW LENOX RD BRIDGE_20240314 WOODS POND DAM_20240314	PCB-8			
POMEROY AVENUE BRIDGE_20240315	PCB-110/115 PCB-118 PCB-8 PCB-99			

Sample Locations	Compounds	Blank	Sample Result	Qualification
RT. 202 BRIDGE_20240312 STEVENSON DAM_20240311	PCB-110/115 PCB-118 PCB-4 PCB-99			
RT. 341 BRIDGE_20240312	PCB-118			
SHEPAUG DAM_20240311	PCB-110/115 PCB-118 PCB-99			

Note:
RL = Reporting limit

The Total PCBs as Congeners result is calculated post validation within the database; therefore, the total PCB results have not been adjusted on the attached laboratory forms.

2.3 System Performance

System performance and column resolution were acceptable.

2.4 Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

2.4.1 Initial Calibration

A maximum RSD of 20% is allowed or a correlation coefficient greater than 0.99.

2.4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%).

All compounds associated with the calibrations were within the specified control limits.

2.5 Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with labeled compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. Analysis requires isotope dilution compounds exhibit recoveries within the laboratory-established acceptance limits.

All PCB congeners associated with the labeled compound analysis exhibited recoveries within the control limits.

2.6 Internal Standard Performance

Internal standard performance criteria ensure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria require the internal standard compounds exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

2.7 Matrix Spike/Matrix Spike Duplicate Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The RPD between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on samples where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD analysis was not performed on samples associated with the SDG# 10686845.

2.8 Laboratory Duplicate Analysis

The laboratory duplicate relative percent difference (RPD) criterion is applied when parent and duplicate sample concentrations are greater than or equal to 5 times the EML. A control limit of 30% for water matrices is applied when the criteria above is true. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the EML, a control limit of one time the EML is applied for water matrices.

The laboratory duplicate analysis performed on sample Woods Pond Dam exhibited acceptable RPD values.

2.9 Ongoing Precision Result (OPR) / Laboratory Control Sample / Laboratory Control Sample Duplicate Analysis

The ongoing precision result (OPR) / laboratory control sample / laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the accuracy of the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the OPR/LCS/LCSD analysis must exhibit a percent recovery and RPD within the laboratory-established acceptance limits.

All compounds associated with the OPR/LCS/LCSD analysis exhibited recoveries and RPDs within the control limits.

2.10 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field

duplicate. In an instance when the parent and/or duplicate sample concentrations are less than or equal to five times the EML, a control limit of two times the EML is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 6. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
RISING POND DAM_20240313/ HR-D1_20240313	PCB-1	0.0664	0.0628	AC
	PCB-10	0.0339	0.0337	AC
	PCB-103	0.0731	0.077	AC
	PCB-104	0.0286	0.0263	AC
	PCB-105	0.0725	0.0879	AC
	PCB-109	0.0338	0.0417	AC
	PCB-110/115	0.612	0.693	12.4 %
	PCB-118	0.28	0.346	21.0 %
	PCB-128/166	0.118	0.157	28.3 %
	PCB-129/138/163	1.86	2.3	21.1 %
	PCB-130	0.0852	0.101	AC
	PCB-132	0.472	0.566	18.1 %
	PCB-133	0.0469	0.0527	AC
	PCB-134/143	0.0827	0.0962	AC
	PCB-135/151	0.903	1.04	14.1 %
	PCB-136	0.25	0.288	14.1 %
	PCB-137	0.0305	0.0354	AC
	PCB-141	0.383	0.467	19.7 %
	PCB-144	0.0875	0.0998	13.1 %
	PCB-146	0.351	0.428	19.7 %
	PCB-147/149	1.85	2.2	17.2 %
	PCB-15	0.056	0.0552	AC
	PCB-153/168	1.91	2.37	21.4 %
	PCB-154	0.0525	0.0613	AC
	PCB-156/157	0.0857	0.114	AC
	PCB-158	0.124	0.162	26.5 %
	PCB-159	0.0208 U	0.0503	AC
	PCB-164	0.121	0.155	24.6 %
	PCB-167	0.0518	0.0661	AC
	PCB-17	0.136	0.128	6.0 %
	PCB-170	0.634	0.845	28.5 %
	PCB-171/173	0.207	0.267	25.3 %
	PCB-172	0.132	0.176	28.5 %
	PCB-174	0.74	0.959	25.7 %
	PCB-175	0.0278	0.0347	AC
	PCB-176	0.09	0.116	25.2 %

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
	PCB-177	0.474	0.626	27.6 %
	PCB-178	0.187	0.237	23.5 %
	PCB-179	0.342	0.429	22.5 %
	PCB-18/30	0.0826	0.0799	AC
	PCB-180/193	1.53	2.01	27.1 %
	PCB-183/185	0.513	0.65	23.5 %
	PCB-187	0.943	1.21	24.8 %
	PCB-189	0.0242	0.0313	AC
	PCB-19	0.744	0.658	12.2 %
	PCB-190	0.147	0.193	27.0 %
	PCB-191	0.024	0.0391	AC
	PCB-194	**0.311**	**0.436**	**33.4 %**
	PCB-195	**0.147**	**0.203**	**32.0 %**
	PCB-196	0.165	0.216	26.7 %
	PCB-197/200	0.0609	0.0795	AC
	PCB-198/199	0.36	0.485	29.5 %
	PCB-201	0.043	0.0549	AC
	PCB-202	0.0697	0.0922	AC
	PCB-203	0.209	0.278	28.3 %
	PCB-205	0.0208 U	0.0278	AC
	PCB-206	0.0756	0.109	AC
	PCB-25	0.0626	0.0636	AC
	PCB-26/29	0.0783	0.0782	AC
	PCB-27	0.104	0.103	AC
	PCB-32	0.163	0.161	1.2 %
	PCB-4	0.947	0.868	8.7 %
	PCB-40/41/71	0.163	0.167	2.4 %
	PCB-42	0.0628	0.0631	AC
	PCB-44/47/65	1.24	1.27	2.3 %
	PCB-45/51	0.707	0.696	1.5 %
	PCB-46	0.0387	0.0356	8.3 %
	PCB-49/69	**0.0416 U**	**0.735**	**NC**
	PCB-5	0.0382	0.0231 U	AC
	PCB-50/53	0.532	0.523	1.7 %
	PCB-52	0.526	0.543	3.1 %
	PCB-54	0.248	0.216	13.7 %
	PCB-6	0.0249	0.0241	AC
	PCB-61/70/74/76	0.112	0.125	10.9 %
	PCB-64	0.0208 U	0.0329	AC
	PCB-66	0.108	0.118	8.8 %
	PCB-68	0.0233	0.0231 U	AC
	PCB-82	0.0272	0.0269	AC

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
	PCB-83	0.0274	0.0386	AC
	PCB-84	0.0834	0.0952	AC
	PCB-85/116/117	0.0797	0.0918	AC
	PCB-86/87/97/108/119/125	0.298	0.331	10.4 %
	PCB-88/91	0.246	0.262	6.2 %
	PCB-90/101/113	0.886	0.98	10.0 %
	PCB-92	0.244	0.263	7.4 %
	PCB-93/98/100/102	0.199	0.224	11.8 %
	PCB-94	0.0486	0.0514	AC
	PCB-95	0.628	0.68	7.9 %
	PCB-96	0.0258	0.0266	AC
	PCB-99	0.354	0.398	11.7 %

Notes:
AC = Acceptable
NC = Not compliant

The compounds PCB-194, PCB-195, and PCB-49/69 associated with sample locations RISING POND DAM_20240313 and HR-D1_20240313 exhibited a field duplicate RPD greater than the control limit. The associated sample results from sample locations for the listed analyte were qualified as estimated.

2.11 Compound Identification

PCB congeners by 1668C are identified by using the compound's ion abundance ratios, signal-to-noise values, and relative retention times.

An EMPC or "estimated maximum possible concentration" designation is given to compounds which have signals eluting within the established retention time window which would, if positively identified, be above the detection limit. The signals do not, however, meet the ion abundance ratio criteria and cannot be identified as the compound of interest. The EMPC value is the estimated concentration of the interferant quantitated "as the compound of interest." This value should be considered an elevated detection limit based on potential compound identification and quantitation interference. If the EMPC value is above the reporting limit, the qualifier UX has been added to the sample results to indicate the elevated detection limit as EMPC. If the EMPC value is below the reporting limit, the compound is reported as non-detect at the reporting limit and no qualification is added.

2.12 System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

2.13 Data Validation Checklist for PCB Congeners

Table 7. Data Validation Checklist for Polychlorinated Biphenyls

PCB Congeners; EPA1668C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
HIGH RESOLUTION GAS CHROMATOGRAPHY/HIGH RESOLUTION MASS SPECTROMETRY (HRGC/HRMS)					
Tier I Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blank		X	X		
LCS %R		X		X	
LCS Duplicate (LCSD) %R		X		X	
LCS/LCSD Precision (RPD)		X		X	
Matrix Spike (MS) %R	X				X
Matrix Spike Duplicate (MSD) %R	X				X
MS/MSD Precision (RPD)	X				X
Field/Lab Duplicate (RPD)		X	X		
Labeled Standard Recovery %R		X		X	
Cleanup Compound %R		X		X	
Dual Column (RPD)		X		X	
Dilution Factor		X		X	
Moisture Content	X				X
Tier II Validation					
Initial calibration %RSDs		X		X	
Continuing calibration %Ds		X		X	
Internal standard		X		X	
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
System performance and column resolution		X		X	
Compound identification and quantitation					
A. A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present		X		X	
E. Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%RSD = Relative standard deviation
RPD = Relative percent difference
%D = Percent Deviation
%R = Percent recovery

3 General Chemistry Analyses

3.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 8. Specified Holding Times

Method	Matrix	Holding Time	Preservation
Total Suspended Solids (TSS) by SM 2540D	Water	7 days from collection to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria.

3.2 Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank is calculated for QA blanks containing concentrations greater than the reporting limit (RL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Analytes were not detected above the RL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

3.3 Matrix Spike/Matrix Spike Duplicate / Laboratory Duplicate Analysis

MS/MSD and laboratory duplicate data are used to assess the precision and accuracy of the analytical method.

3.3.1 Matrix Spike/Matrix Spike Duplicate Analysis

All analytes must exhibit a percent recovery within the established acceptance limits of 75% to 125%. The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the analyte's concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater. In instance where this is true, the data will not be qualified even if the percent recovery does not meet the control limits and the laboratory flag will be removed.

The MS/MSD analysis was not performed on samples associated with the SDGs# 10686579 and 10686796.

3.3.2 Laboratory Duplicate Analysis

The laboratory duplicate relative percent difference (RPD) criterion is applied when parent and duplicate sample concentrations are greater than or equal to five times the RL. A control limit of 20% for water matrices and 35% for soil matrices is applied when the criteria above is true. In the instance when the parent and/or duplicate

sample concentrations are less than or equal to five times the RL, a control limit of one time the RL is applied for water matrices and two times the RL for soil matrices.

The laboratory duplicate analysis performed on sample DERBY DAM_20240311 associated with the SDG# 10686579 and Pomeroy Avenue Bridge associated with SDG#10686796 exhibited RPDs within control limits.

3.4 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 9. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Analyte	Sample Result	Duplicate Result	RPD
SDG 10686579 RISING POND DAM_20240313/ HR-D1_20240313	TSS	3.6	4.4	AC

Note:
AC = Acceptable

The results between the parent sample and field duplicate were acceptable.

3.5 Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The analytes associated with the LCS analysis must exhibit a percent recovery between the control limits of 80% and 120%.

All LCS recoveries were within control limits.

3.6 System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

3.7 Data Validation Checklist for General Chemistry

Table 10. Data Validation Checklist for General Chemistry

General Chemistry: SM2540D	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Miscellaneous Instrumentation					
Tier I/II Validation					
Holding Times/Preservation		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method Blanks		X		X	
B. Equipment/Field Blanks	X				X
Laboratory Control Sample (LCS) %R		X		X	
Matrix Spike (MS) %R	X				X
Matrix Spike Duplicate (MSD) %R	X				X
MS/MSD Precision (RPD)	X				X
Field/Lab Duplicate (RPD)		X		X	
Transcription/calculations acceptable		X		X	
Raw Data		X		X	
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%R = Percent recovery
RPD = Relative percent difference

4 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under both the Tier I/II data validation reviews. The percent usability calculation also includes quality control samples (i.e., field/equipment blanks, trip blanks, and field duplicates) to aid in the evaluation of data usability. Data usability is summarized in the following table.

Table 11. Overall Summary of Data Usability

Parameter	Percent Usability	Rejected Data
PCBs	100%	0
TSS	100%	0

The data package completeness, as determined from the Tier I data review, was used in combination with the data quality deviations identified during the Tier II data review to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I and Tier II data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses (discussed in this report) to provide a measure of compliance of the analytical data with the Data Quality Objectives specified in the FSP/QAPP.

VALIDATION PERFORMED BY: Andrew Korycinski

SIGNATURE:

DATE: May 9, 2025

PEER REVIEW: Dennis Capria

DATE: August 26, 2025

Appendix A

Chain of Custody

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO# : 70290807

LAB USE ONLY — Lab Sample Number or

PM: BDR **Due Date: 03/26/24**

CLIENT: Pace-MN

Company: Arcadis	Billing Information: accountsPayable.administration@arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146.3000 Housatonic River BMP	State: MA County/City: Pittsfield Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: 315-671-9374 Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Evelyn T. Rabasco	Turnaround Date Required: Standard Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Container Preservative Type ** | Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses | Lab Profile/Line: 45643

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	TSS Low Level SM2540D *
Derby Dam	WT		03/11/24	12:45				1	X
Stevenson Dam	WT		03/11/24	14:00				1	X
Shepaug Dam	WT		03/11/24	15:15				1	X
Rt. 202 Bridge	WT		03/12/24	13:45				1	X
Rt. 341 Bridge	WT		03/12/24	16:00				1	X
Canaan Town Line Bridge	WT		03/12/24	17:30				1	X
Falls Village Dam	WT		03/13/24	13:00				1	X
Ramrapo Rd Bridge	WT		03/13/24	14:30				1	X
Rising Pond Dam	WT		03/13/24	16:30				1	X
HR-D1	WT		03/13/24	—				1	X

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:
* Please use entire sample for analysis. Short Hold Time Refer to contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2943677

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: _____oC
Cooler 1 Therm Corr. Factor: _____oC
Cooler 1 Corrected Temp: _____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Evelyn T. Rabasco / Arcadis	03/14/24 17:30		3/15/24 435
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 2

Appendix B

Annotated Sample Analysis Data Sheets

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10686579

Sample: Derby Dam **Lab ID: 10686579001** Collected: 03/11/24 12:45 Received: 03/15/24 09:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**4.4**	mg/L	2.0	1		03/18/24 15:16		D6

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10686579

Sample: Stevenson Dam **Lab ID: 10686579002** Collected: 03/11/24 14:00 Received: 03/15/24 09:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**13.6**	mg/L	2.0	1		03/18/24 15:17		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10686579

Sample: Shepaug Dam **Lab ID: 10686579003** Collected: 03/11/24 15:15 Received: 03/15/24 09:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**11.2**	mg/L	2.0	1		03/18/24 15:17		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10686579

Sample: Rt. 202 Bridge **Lab ID: 10686579004** Collected: 03/12/24 13:45 Received: 03/15/24 09:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**13.6**	mg/L	2.0	1		03/18/24 15:17		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10686579

Sample: Rt. 341 Bridge **Lab ID: 10686579005** Collected: 03/12/24 16:00 Received: 03/15/24 09:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**13.6**	mg/L	2.0	1		03/18/24 15:17		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10686579

Sample: Canaan Town Line Bridge **Lab ID: 10686579006** Collected: 03/12/24 17:30 Received: 03/15/24 09:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**14.4**	mg/L	2.0	1		03/18/24 15:17		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10686579

Sample: Falls Village Dam **Lab ID: 10686579007** Collected: 03/13/24 13:00 Received: 03/15/24 09:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**10.4**	mg/L	2.0	1		03/18/24 15:17		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10686579

Sample: Rannapo Rd Bridge **Lab ID: 10686579008** Collected: 03/13/24 14:30 Received: 03/15/24 09:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**11.2**	mg/L	2.0	1		03/18/24 15:17		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10686579

Sample: Rising Pond Dam **Lab ID: 10686579009** Collected: 03/13/24 16:30 Received: 03/15/24 09:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**3.6**	mg/L	2.0	1		03/18/24 15:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10686579

Sample: HR-D1 **Lab ID: 10686579010** Collected: 03/13/24 00:00 Received: 03/15/24 09:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**4.4**	mg/L	2.0	1		03/18/24 15:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10686579

Sample: Old Pleasant Street Bridge **Lab ID: 10686579011** Collected: 03/14/24 12:30 Received: 03/15/24 09:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.0	1		03/19/24 10:19		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10686579

Sample: Woods Pond Dam **Lab ID: 10686579012** Collected: 03/14/24 13:45 Received: 03/15/24 09:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.0	1		03/19/24 10:19		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River-Revised Report
Pace Project No.: 10686579

Sample: New Lenox Rd Bridge **Lab ID: 10686579013** Collected: 03/14/24 14:45 Received: 03/15/24 09:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.8**	mg/L	2.0	1		03/19/24 10:19		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Internal Transfer Chain of Custody

Pace

☐ Rush Multiplier____X
☒ Samples Pre-Logged into eCOC

State Of Origin: MA
Cert. Needed: ☒ Yes ☐ No
Owner Received Date: 3/19/2024 **Results Requested By:** 4/16/2024

Workorder: 10686796 **Workorder Name:** 30185146.3000 Housatonic River

Report To	Subcontract To
Carolynne Trout Pace Analytical Minnesota 1700 Elm Street Minneapolis, MN 55414 Phone 1(612)607-6351	Pace Analytical Melville 575 Broad Hollow Road Melville, NY 11747 Phone (631)694-3040

WO# : 70291087
70291087

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	Preserved Containers: Unpreserved	2540D TSS Low Level	LAB USE ONLY
1	Near Pittsfield WWTP	PS	3/15/2024 16:15	10686796001	Water	1	X	
2	Pomeroy Avenue Bridge	PS	3/15/2024 17:45	10686796002	Water	1	X	
3								
4								
5								

Transfers	Released By	Date/Time	Received By	Date/Time
1			RACHEL	3/19/24 9:30
2				
3				

Comments
Please extract full liter

Cooler Temperature on Receipt 3.6 °C **Custody Seal** Y or N **Received on Ice** Y or N **Samples Intact** Y or N

****In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document.*
This chain of custody is considered complete as is since this information is available in the owner laboratory.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO#: 70291087
PM: BDR Due Date: 03/28/24
CLIENT: Pace-MN

Company: Arcadis	Billing Information: accountspayable, administration @ arcadis.com
Address: 110 W. Fayette ST. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146.3000 Housatonic River BMP	State: MA County/City: Pittsfield Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: 315-671-9374 Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Penny T. Rabasco	Turnaround Date Required: Standard Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	4 TSS LowLevel SM2540D *
Near Pittsfield WWTP	WT		03/15/24	16:15				1	X
Pomeroy Avenue Bridge	WT		03/15/24	17:45				1	X

Customer Remarks / Special Conditions / Possible Hazards:
* Please use entire sample for analysis.
Short Hold Time
Refer to Contract

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: BW SBB

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 70481455 6-7843680

Samples received via: (FEDEX) UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: IR11
Cooler 1 Temp Upon Receipt: 3.1 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 3.2 oC
Comments:

Relinquished by/Company: (Signature) Penny T. Rabasco Arcadis	Date/Time: 03/18/24 17:30	Received by/Company: (Signature)	Date/Time: 3/19/24 9:30
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River
Pace Project No.: 10686796

Sample: Near Pittsfield WWTP **Lab ID: 10686796001** Collected: 03/15/24 16:15 Received: 03/19/24 09:36 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**4.4**	mg/L	2.0	1		03/19/24 16:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30185146.3000 Housatonic River
Pace Project No.: 10686796

Sample: Pomeroy Avenue Bridge **Lab ID: 10686796002** Collected: 03/15/24 17:45 Received: 03/19/24 09:36 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.0**	mg/L	2.0	1		03/19/24 16:26		D6

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- AL

WO# : 10686845

10686845

Report No.: 10686845_1650@pacelabs.com

Company: Arcadis	Billing Information: accountspayable.administration@arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146.3000 Housatonic River BMP	State: MA / County/City: Pittsfield / Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: 315-671-9374 / Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): Peredy T. Rabasco	Turnaround Date Required: Standard / Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: _____

Container Preservative Type **: U

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses: PCB 1668

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	PCB 1668	Lab Sample # / Comments
Derby Dam	WT		03/11/24	12:45				4	X	001
Stevenson Dam	WT		03/11/24	14:00				4	X	002
Shepaug Dam	WT		03/11/24	15:15				4	X	003
HR-EB1	WT		03/11/24	8:30				4	X	004
Rt. 202 Bridge	WT		03/12/24	13:45				4	X	005
Rt. 341 Bridge	WT		03/12/24	16:00				4	X	006
Canaan Town Line Bridge	WT		03/12/24	17:30				4	X	007
Falls Village Dam	WT		03/13/24	13:00				4	X	008
Rannapo Rd Bridge	WT		03/13/24	14:30				4	X	009
Rising Pond Dam	WT		03/13/24	16:30				4	X	010

Customer Remarks / Special Conditions / Possible Hazards: Refer to Contract

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2943676

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info: 2.4 2.3 2.5 2.7 0.7 0.5 1.5 2.6

Temp Blank Received: (Y) N NA

Therm ID#: T3 T5

Cooler 1 Temp Upon Receipt: ____ oC

Cooler 1 Therm Corr. Factor: +0.1 oC

Cooler 1 Corrected Temp: 2.5, 2.8, 2.4, 2.7

Comments: 1.6, 2.8, 0.8, 0.6, 4.1

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Peredy T. Rabasco / Arcadis	03/18/24 17:30	Corey Pace 3/19/24	8:50
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company: Arcadis	Billing Information: accountspayable, administration @ arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146.3000 Housatonic River BMP	State: MA County/City: Pittsfield Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: 315-671-9374 Email:	Site/Facility ID #:
Collected By (print): P. Rabasco	Purchase Order #: Quote #:
Collected By (signature): Penelope Rabasco	Turnaround Date Required: Standard
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [X] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Container Preservative Type **: U

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	PCB 1668	Lab Sample # / Comments
HR-D1	WT		03/13/24	—				4	X	011
Old Pleasant Street Bridge	WT		03/14/24	12:30				4	X	012
Woods Pond Dam	WT		03/14/24	13:45				4	X	013
Woods Pond Dam (Lab Dup)	WT		03/14/24	13:45				4	X	014
New Lenox Rd Bridge	WT		03/14/24	14:45				4	X	015
Near Pittsfield WWTP	WT		03/15/24	16:15				4	X	016
Pomeroy Avenue Bridge	WT		03/15/24	17:45				4	X	017

Customer Remarks / Special Conditions / Possible Hazards:

Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2943683

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info: 2.7 2.8 2.3 1.5 2.1 2.8 2.7 2.5 4.0

Temp Blank Received: (Y) N NA

Therm ID#: T7

Cooler 1 Temp Upon Receipt: ____oC

Cooler 1 Therm Corr. Factor: +0.1 oC

Cooler 1 Corrected Temp: 2.5, 2.4 oC

Comments: 16, 28, 02, 06, 41, 27

Relinquished by/Company: (Signature) Penelope Rabasco / Arcadis	Date/Time: 03/18/24 17:30	Received by/Company: (Signature) Cary/Pace 3/19/24	Date/Time: 8:50
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 2 of: 2

Report No: 668-R24-166801

Page 8 of 8

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Derby Dam		
Lab Sample ID	10686845001		
Filename	P240402A_07		
Injected By	CVS		
Total Amount Extracted	1640 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	03/11/2024 12:45
ICAL ID	P240402A02	Received	03/19/2024 08:50
CCal Filename(s)	P240402A_01	Extracted	03/26/2024 14:00
Method Blank ID	BLANK-111882	Analyzed	04/02/2024 05:32

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.007	3.09	2.0	0.665	33
13C-4-MoCB	3	12.766	3.10	2.0	0.820	41
13C-2,2'-DiCB	4	13.072	1.51	2.0	0.716	36
13C-4,4'-DiCB	15	20.122	1.61	2.0	1.11	55
13C-2,2',6-TrCB	19	16.873	1.11	2.0	0.744	37
13C-3,4,4'-TrCB	37	27.883	1.08	2.0	1.20	60
13C-2,2',6,6'-TeCB	54	20.458	0.81	2.0	0.674	34
13C-3,4,4',5-TeCB	81	35.036	0.80	2.0	1.45	72
13C-3,3',4,4'-TeCB	77	35.608	0.82	2.0	1.54	77
13C-2,2',4,6,6'-PeCB	104	26.568	1.57	2.0	0.643	32
13C-2,3,3',4,4'-PeCB	105	39.244	1.59	2.0	1.35	67
13C-2,3,4,4',5-PeCB	114	38.574	1.60	2.0	1.28	64
13C-2,3',4,4',5-PeCB	118	38.021	1.58	2.0	1.33	67
13C-2,3',4,4',5'-PeCB	123	37.685	1.57	2.0	1.29	65
13C-3,3',4,4',5-PeCB	126	42.413	1.58	2.0	1.38	69
13C-2,2',4,4',6,6'-HxCB	155	32.638	1.28	2.0	0.905	45
13C-HxCB (156/157)	156/157	45.486	1.31	4.0	2.59	65
13C-2,3',4,4',5,5'-HxCB	167	44.313	1.30	2.0	1.34	67
13C-3,3',4,4',5,5'-HxCB	169	48.789	1.24	2.0	1.34	67
13C-2,2',3,4',5,6,6'-HpCB	188	38.557	1.06	2.0	1.24	62
13C-2,3,3',4,4',5,5'-HpCB	189	51.343	1.08	2.0	1.39	70
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.062	0.83	2.0	1.25	62
13C-2,3,3',4,4',5,5',6-OcCB	205	53.951	0.89	2.0	1.37	68
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.696	0.82	2.0	1.35	68
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.847	0.82	2.0	1.41	71
13C-DeCB	209	57.312	0.67	2.0	1.34	67
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.536	1.08	2.0	1.26	63
13C-2,3,3',5,5'-PeCB	111	35.639	1.55	2.0	1.36	68
13C-2,2',3,3',5,5',6-HpCB	178	41.676	1.01	2.0	1.48	74
Recovery Standards						
13C-2,5-DiCB	9	15.514	1.59	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.532	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.839	1.56	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.223	1.24	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.476	0.90	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10686845001
Filename	P240402A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0244
2		---	---	ND	---	0.0244
3		---	---	ND	---	0.0244
4		13.094	1.45	0.138	---	0.0244
5		---	---	ND	---	0.0244
6		---	---	ND	---	0.0244
7		---	---	ND	---	0.0244
8		---	---	ND	---	0.0244
9		---	---	ND	---	0.0244
10		---	---	ND	---	0.0244
11		---	---	ND	---	0.239
12	12/13	---	---	ND	---	0.0488
13	12/13	---	---	ND	---	0.0488
14		---	---	ND	---	0.0244
15		---	---	ND	---	0.0322
16		---	---	ND	---	0.0244
17		---	---	ND	---	0.0244
18	18/30	---	---	ND	---	0.0488
19		16.884	1.06	0.0619	---	0.0244
20	20/28	---	---	ND	---	0.126
21	21/33	---	---	ND	---	0.132
22		---	---	ND	---	0.0928
23		---	---	ND	---	0.0244
24		---	---	ND	---	0.0244
25		---	---	ND	---	0.0244
26	26/29	---	---	ND	---	0.0488
27		---	---	ND	---	0.0244
28	20/28	---	---	ND	---	0.126
29	26/29	---	---	ND	---	0.0488
30	18/30	---	---	ND	---	0.0488
31		---	---	ND	---	0.127
32		---	---	ND	---	0.0244
33	21/33	---	---	ND	---	0.132
34		---	---	ND	---	0.0244
35		---	---	ND	---	0.0244
36		---	---	ND	---	0.0244
37		---	---	ND	---	0.0518
38		---	---	ND	---	0.0244
39		---	---	ND	---	0.0244
40	40/41/71	---	---	ND	---	0.0733
41	40/41/71	---	---	ND	---	0.0733
42		---	---	ND	---	0.0244
43	43/73	---	---	ND	---	0.0488
44	44/47/65	26.692	0.77	0.0913	---	0.0733
45	45/51	---	---	ND	---	0.0488
46		---	---	ND	---	0.0244
47	44/47/65	26.692	0.77	(0.0913)	---	0.0733
48		---	---	ND	---	0.0244

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10686845001
Filename	P240402A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.088	0.78	0.0538	---	0.0488
50	50/53	---	---	ND	---	0.0488
51	45/51	---	---	ND	---	0.0488
52		---	---	ND	---	0.126
53	50/53	---	---	ND	---	0.0488
54		---	---	ND	---	0.0244
55		---	---	ND	---	0.0244
56		---	---	ND	---	0.0244
57		---	---	ND	---	0.0244
58		---	---	ND	---	0.0244
59	59/62/75	---	---	ND	---	0.0733
60		---	---	ND	---	0.0244
61	61/70/74/76	---	---	ND	---	0.0977
62	59/62/75	---	---	ND	---	0.0733
63		---	---	ND	---	0.0244
64		---	---	ND	---	0.0244
65	44/47/65	26.692	0.77	(0.0913)	---	0.0733
66		---	---	ND	---	0.0576
67		---	---	ND	---	0.0244
68		---	---	ND	---	0.0244
69	49/69	26.088	0.78	(0.0538)	---	0.0488
70	61/70/74/76	---	---	ND	---	0.0977
71	40/41/71	---	---	ND	---	0.0733
72		---	---	ND	---	0.0244
73	43/73	---	---	ND	---	0.0488
74	61/70/74/76	---	---	ND	---	0.0977
75	59/62/75	---	---	ND	---	0.0733
76	61/70/74/76	---	---	ND	---	0.0977
77		---	---	ND	---	0.0244
78		---	---	ND	---	0.0244
79		---	---	ND	---	0.0244
80		---	---	ND	---	0.0244
81		---	---	ND	---	0.0244
82		---	---	ND	---	0.0244
83		---	---	ND	---	0.0244
84		---	---	ND	---	0.0244
85	85/116/117	---	---	ND	---	0.0733
86	86/87/97/108/119/125	---	---	ND	---	0.147
87	86/87/97/108/119/125	---	---	ND	---	0.147
88	88/91	---	---	ND	---	0.0488
89		---	---	ND	---	0.0244
90	90/101/113	32.870	1.58	0.0775	---	0.0733
91	88/91	---	---	ND	---	0.0488
92		---	---	ND	---	0.0244
93	93/98/100/102	---	---	ND	---	0.0977
94		---	---	ND	---	0.0244
95		---	---	ND	---	0.0684
96		---	---	ND	---	0.0244

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of PaceAnalytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10686845001
Filename	P240402A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND		---	0.147
98	93/98/100/102	---	---	ND		---	0.0977
99		33.489	1.50	0.0321	U	---	0.0244
100	93/98/100/102	---	---	ND		---	0.0977
101	90/101/113	32.870	1.58	(0.0775)		---	0.0733
102	93/98/100/102	---	---	ND		---	0.0977
103		---	---	ND		---	0.0244
104		---	---	ND		---	0.0244
105		---	---	ND		---	0.0244
106		---	---	ND		---	0.0244
107	107/124	---	---	ND		---	0.0488
108	86/87/97/108/119/125	---	---	ND		---	0.147
109		---	---	ND		---	0.0244
110	110/115	34.928	1.50	0.0621		---	0.0488
111		---	---	ND		---	0.0244
112		---	---	ND		---	0.0244
113	90/101/113	32.870	1.58	(0.0775)		---	0.0733
114		---	---	ND		---	0.0244
115	110/115	34.928	1.50	(0.0621)		---	0.0488
116	85/116/117	---	---	ND		---	0.0733
117	85/116/117	---	---	ND		---	0.0733
118		---	---	ND		---	0.0381
119	86/87/97/108/119/125	---	---	ND		---	0.147
120		---	---	ND		---	0.0244
121		---	---	ND		---	0.0244
122		---	---	ND		---	0.0244
123		---	---	ND		---	0.0244
124	107/124	---	---	ND		---	0.0488
125	86/87/97/108/119/125	---	---	ND		---	0.147
126		---	---	ND		---	0.0244
127		---	---	ND		---	0.0244
128	128/166	---	---	ND		---	0.0488
129	129/138/163	41.257	1.20	0.162		---	0.0733
130		---	---	ND		---	0.0244
131		---	---	ND		---	0.0244
132		38.155	1.17	0.0381		---	0.0244
133		---	---	ND		---	0.0244
134	134/143	---	---	ND		---	0.0488
135	135/151	35.871	1.23	0.0728		---	0.0488
136		---	---	ND		---	0.0244
137		---	---	ND		---	0.0244
138	129/138/163	41.257	1.20	(0.162)		---	0.0733
139	139/140	---	---	ND		---	0.0488
140	139/140	---	---	ND		---	0.0488
141		40.167	1.28	0.0296		---	0.0244
142		---	---	ND		---	0.0244
143	134/143	---	---	ND		---	0.0488
144		---	---	ND		---	0.0244

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10686845001
Filename	P240402A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0244
146		39.328	1.31	0.0330	---	0.0244
147	147/149	36.864	1.22	0.146	---	0.0488
148		---	---	ND	---	0.0244
149	147/149	36.864	1.22	(0.146)	---	0.0488
150		---	---	ND	---	0.0244
151	135/151	35.871	1.23	(0.0728)	---	0.0488
152		---	---	ND	---	0.0244
153	153/168	39.965	1.25	0.163	---	0.0488
154		---	---	ND	---	0.0244
155		---	---	ND	---	0.0244
156	156/157	---	---	ND	---	0.0488
157	156/157	---	---	ND	---	0.0488
158		---	---	ND	---	0.0244
159		---	---	ND	---	0.0244
160		---	---	ND	---	0.0244
161		---	---	ND	---	0.0244
162		---	---	ND	---	0.0244
163	129/138/163	41.257	1.20	(0.162)	---	0.0733
164		---	---	ND	---	0.0244
165		---	---	ND	---	0.0244
166	128/166	---	---	ND	---	0.0488
167		---	---	ND	---	0.0244
168	153/168	39.965	1.25	(0.163)	---	0.0488
169		---	---	ND	---	0.0244
170		48.186	1.02	0.0504	---	0.0244
171	171/173	---	---	ND	---	0.0488
172		---	---	ND	---	0.0244
173	171/173	---	---	ND	---	0.0488
174		43.508	1.13	0.0569	---	0.0244
175		---	---	ND	---	0.0244
176		---	---	ND	---	0.0244
177		43.944	1.03	0.0363	---	0.0244
178		---	---	ND	---	0.0244
179		38.926	0.98	0.0273	---	0.0244
180	180/193	46.928	1.04	0.115	---	0.0488
181		---	---	ND	---	0.0244
182		---	---	ND	---	0.0244
183	183/185	---	---	ND	---	0.0488
184		---	---	ND	---	0.0244
185	183/185	---	---	ND	---	0.0488
186		---	---	ND	---	0.0244
187		42.631	1.06	0.0794	---	0.0244
188		---	---	ND	---	0.0244
189		---	---	ND	---	0.0244
190		---	---	ND	---	0.0244
191		---	---	ND	---	0.0244
192		---	---	ND	---	0.0244

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of PaceAnalytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10686845001
Filename	P240402A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.928	1.04	(0.115)	---	0.0488
194		53.498	0.93	0.0257	---	0.0244
195		---	---	ND	---	0.0244
196		---	---	ND	---	0.0244
197	197/200	---	---	ND	---	0.0488
198	198/199	---	---	ND	---	0.0488
199	198/199	---	---	ND	---	0.0488
200	197/200	---	---	ND	---	0.0488
201		---	---	ND	---	0.0244
202		---	---	ND	---	0.0244
203		---	---	ND	---	0.0244
204		---	---	ND	---	0.0244
205		---	---	ND	---	0.0244
206		---	---	ND	---	0.0244
207		---	---	ND	---	0.0244
208		---	---	ND	---	0.0244
209		---	---	ND	---	0.0244

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10686845001
Filename	P240402A_07

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.138
Total Trichloro Biphenyls	0.0619
Total Tetrachloro Biphenyls	0.145
Total Pentachloro Biphenyls	0.172
Total Hexachloro Biphenyls	0.643
Total Heptachloro Biphenyls	0.365
Total Octachloro Biphenyls	0.0257
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	1.55

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Stevenson Dam		
Lab Sample ID	10686845002		
Filename	P240402A_08		
Injected By	CVS		
Total Amount Extracted	1640 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	03/11/2024 14:00
ICAL ID	P240402A02	Received	03/19/2024 08:50
CCal Filename(s)	P240402A_01	Extracted	03/26/2024 14:00
Method Blank ID	BLANK-111882	Analyzed	04/02/2024 06:35

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.940	3.00	2.0	0.799	40
13C-4-MoCB	3	12.721	3.09	2.0	0.993	50
13C-2,2'-DiCB	4	13.027	1.50	2.0	0.852	43
13C-4,4'-DiCB	15	20.100	1.60	2.0	1.40	70
13C-2,2',6-TrCB	19	16.840	1.04	2.0	0.901	45
13C-3,4,4'-TrCB	37	27.883	1.08	2.0	1.51	75
13C-2,2',6,6'-TeCB	54	20.443	0.78	2.0	0.885	44
13C-3,4,4',5-TeCB	81	35.021	0.79	2.0	1.70	85
13C-3,3',4,4'-TeCB	77	35.593	0.81	2.0	1.75	87
13C-2,2',4,6,6'-PeCB	104	26.553	1.59	2.0	0.918	46
13C-2,3,3',4,4'-PeCB	105	39.228	1.57	2.0	1.53	76
13C-2,3,4,4',5-PeCB	114	38.574	1.59	2.0	1.51	75
13C-2,3',4,4',5-PeCB	118	38.004	1.56	2.0	1.50	75
13C-2,3',4,4',5'-PeCB	123	37.669	1.59	2.0	1.55	78
13C-3,3',4,4',5-PeCB	126	42.397	1.60	2.0	1.59	80
13C-2,2',4,4',6,6'-HxCB	155	32.607	1.30	2.0	1.21	60
13C-HxCB (156/157)	156/157	45.488	1.28	4.0	2.99	75
13C-2,3',4,4',5,5'-HxCB	167	44.297	1.30	2.0	1.53	77
13C-3,3',4,4',5,5'-HxCB	169	48.774	1.28	2.0	1.55	78
13C-2,2',3,4',5,6,6'-HpCB	188	38.558	1.01	2.0	1.52	76
13C-2,3,3',4,4',5,5'-HpCB	189	51.328	1.06	2.0	1.59	79
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.029	0.89	2.0	1.43	72
13C-2,3,3',4,4',5,5',6-OcCB	205	53.936	0.91	2.0	1.55	77
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.681	0.82	2.0	1.53	76
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.832	0.80	2.0	1.63	81
13C-DeCB	209	57.298	0.72	2.0	1.59	79
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.521	1.06	2.0	1.43	71
13C-2,3,3',5,5'-PeCB	111	35.639	1.59	2.0	1.56	78
13C-2,2',3,3',5,5',6-HpCB	178	41.676	1.07	2.0	1.68	84
Recovery Standards						
13C-2,5-DiCB	9	15.481	1.64	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.517	0.80	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.840	1.60	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.224	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.461	0.92	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10686845002
Filename	P240402A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
1		---	---	ND		---	0.0243
2		---	---	ND		---	0.0243
3		---	---	ND		---	0.0243
4		13.049	1.42	0.116	U	---	0.0243
5		---	---	ND		---	0.0243
6		---	---	ND		---	0.0243
7		---	---	ND		---	0.0243
8		---	---	ND		---	0.0243
9		---	---	ND		---	0.0243
10		---	---	ND		---	0.0243
11		---	---	ND		---	0.238
12	12/13	---	---	ND		---	0.0487
13	12/13	---	---	ND		---	0.0487
14		---	---	ND		---	0.0243
15		---	---	ND		---	0.0321
16		---	---	ND		---	0.0243
17		---	---	ND		---	0.0243
18	18/30	---	---	ND		---	0.0487
19		16.862	1.02	0.0506		---	0.0243
20	20/28	---	---	ND		---	0.126
21	21/33	---	---	ND		---	0.131
22		---	---	ND		---	0.0925
23		---	---	ND		---	0.0243
24		---	---	ND		---	0.0243
25		---	---	ND		---	0.0243
26	26/29	---	---	ND		---	0.0487
27		---	---	ND		---	0.0243
28	20/28	---	---	ND		---	0.126
29	26/29	---	---	ND		---	0.0487
30	18/30	---	---	ND		---	0.0487
31		---	---	ND		---	0.127
32		---	---	ND		---	0.0243
33	21/33	---	---	ND		---	0.131
34		---	---	ND		---	0.0243
35		---	---	ND		---	0.0243
36		---	---	ND		---	0.0243
37		---	---	ND		---	0.0516
38		---	---	ND		---	0.0243
39		---	---	ND		---	0.0243
40	40/41/71	---	---	ND		---	0.0730
41	40/41/71	---	---	ND		---	0.0730
42		---	---	ND		---	0.0243
43	43/73	---	---	ND		---	0.0487
44	44/47/65	26.692	0.77	0.0793		---	0.0730
45	45/51	---	---	ND		---	0.0487
46		---	---	ND		---	0.0243
47	44/47/65	26.692	0.77	(0.0793)		---	0.0730
48		---	---	ND		---	0.0243

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Stevenson Dam
Lab Sample ID 10686845002
Filename P240402A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	---	---	ND	---	0.0487
50	50/53	---	---	ND	---	0.0487
51	45/51	---	---	ND	---	0.0487
52		---	---	ND	---	0.126
53	50/53	---	---	ND	---	0.0487
54		---	---	ND	---	0.0243
55		---	---	ND	---	0.0243
56		---	---	ND	---	0.0243
57		---	---	ND	---	0.0243
58		---	---	ND	---	0.0243
59	59/62/75	---	---	ND	---	0.0730
60		---	---	ND	---	0.0243
61	61/70/74/76	---	---	ND	---	0.0973
62	59/62/75	---	---	ND	---	0.0730
63		---	---	ND	---	0.0243
64		---	---	ND	---	0.0243
65	44/47/65	26.692	0.77	(0.0793)	---	0.0730
66		---	---	ND	---	0.0574
67		---	---	ND	---	0.0243
68		---	---	ND	---	0.0243
69	49/69	---	---	ND	---	0.0487
70	61/70/74/76	---	---	ND	---	0.0973
71	40/41/71	---	---	ND	---	0.0730
72		---	---	ND	---	0.0243
73	43/73	---	---	ND	---	0.0487
74	61/70/74/76	---	---	ND	---	0.0973
75	59/62/75	---	---	ND	---	0.0730
76	61/70/74/76	---	---	ND	---	0.0973
77		---	---	ND	---	0.0243
78		---	---	ND	---	0.0243
79		---	---	ND	---	0.0243
80		---	---	ND	---	0.0243
81		---	---	ND	---	0.0243
82		---	---	ND	---	0.0243
83		---	---	ND	---	0.0243
84		---	---	ND	---	0.0243
85	85/116/117	---	---	ND	---	0.0730
86	86/87/97/108/119/125	---	---	ND	---	0.146
87	86/87/97/108/119/125	---	---	ND	---	0.146
88	88/91	---	---	ND	---	0.0487
89		---	---	ND	---	0.0243
90	90/101/113	32.870	1.56	0.0918	---	0.0730
91	88/91	---	---	ND	---	0.0487
92		---	---	ND	---	0.0243
93	93/98/100/102	---	---	ND	---	0.0973
94		---	---	ND	---	0.0243
95		---	---	ND	---	0.0681
96		---	---	ND	---	0.0243

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of PaceAnalytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10686845002
Filename	P240402A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND		---	0.146
98	93/98/100/102	---	---	ND		---	0.0973
99		33.474	1.47	0.0435	U	---	0.0243
100	93/98/100/102	---	---	ND		---	0.0973
101	90/101/113	32.870	1.56	(0.0918)		---	0.0730
102	93/98/100/102	---	---	ND		---	0.0973
103		---	---	ND		---	0.0243
104		---	---	ND		---	0.0243
105		39.262	1.43	0.0263		---	0.0243
106		---	---	ND		---	0.0243
107	107/124	---	---	ND		---	0.0487
108	86/87/97/108/119/125	---	---	ND		---	0.146
109		---	---	ND		---	0.0243
110	110/115	34.912	1.54	0.0936	U	---	0.0487
111		---	---	ND		---	0.0243
112		---	---	ND		---	0.0243
113	90/101/113	32.870	1.56	(0.0918)		---	0.0730
114		---	---	ND		---	0.0243
115	110/115	34.912	1.54	(0.0936)	U	---	0.0487
116	85/116/117	---	---	ND		---	0.0730
117	85/116/117	---	---	ND		---	0.0730
118		38.038	1.59	0.0646	U	---	0.0380
119	86/87/97/108/119/125	---	---	ND		---	0.146
120		---	---	ND		---	0.0243
121		---	---	ND		---	0.0243
122		---	---	ND		---	0.0243
123		---	---	ND		---	0.0243
124	107/124	---	---	ND		---	0.0487
125	86/87/97/108/119/125	---	---	ND		---	0.146
126		---	---	ND		---	0.0243
127		---	---	ND		---	0.0243
128	128/166	---	---	ND		---	0.0487
129	129/138/163	41.241	1.21	0.159		---	0.0730
130		---	---	ND		---	0.0243
131		---	---	ND		---	0.0243
132		38.155	1.28	0.0406		---	0.0243
133		---	---	ND		---	0.0243
134	134/143	---	---	ND		---	0.0487
135	135/151	35.887	1.26	0.0575		---	0.0487
136		---	---	ND		---	0.0243
137		---	---	ND		---	0.0243
138	129/138/163	41.241	1.21	(0.159)		---	0.0730
139	139/140	---	---	ND		---	0.0487
140	139/140	---	---	ND		---	0.0487
141		40.167	1.18	0.0270		---	0.0243
142		---	---	ND		---	0.0243
143	134/143	---	---	ND		---	0.0487
144		---	---	ND		---	0.0243

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10686845002
Filename	P240402A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0243
146		39.329	1.21	0.0283	---	0.0243
147	147/149	36.847	1.23	0.127	---	0.0487
148		---	---	ND	---	0.0243
149	147/149	36.847	1.23	(0.127)	---	0.0487
150		---	---	ND	---	0.0243
151	135/151	35.887	1.26	(0.0575)	---	0.0487
152		---	---	ND	---	0.0243
153	153/168	39.966	1.23	0.152	---	0.0487
154		---	---	ND	---	0.0243
155		---	---	ND	---	0.0243
156	156/157	---	---	ND	---	0.0487
157	156/157	---	---	ND	---	0.0487
158		---	---	ND	---	0.0243
159		---	---	ND	---	0.0243
160		---	---	ND	---	0.0243
161		---	---	ND	---	0.0243
162		---	---	ND	---	0.0243
163	129/138/163	41.241	1.21	(0.159)	---	0.0730
164		---	---	ND	---	0.0243
165		---	---	ND	---	0.0243
166	128/166	---	---	ND	---	0.0487
167		---	---	ND	---	0.0243
168	153/168	39.966	1.23	(0.152)	---	0.0487
169		---	---	ND	---	0.0243
170		48.187	0.99	0.0415	---	0.0243
171	171/173	---	---	ND	---	0.0487
172		---	---	ND	---	0.0243
173	171/173	---	---	ND	---	0.0487
174		43.493	1.00	0.0500	---	0.0243
175		---	---	ND	---	0.0243
176		---	---	ND	---	0.0243
177		43.945	1.07	0.0323	---	0.0243
178		---	---	ND	---	0.0243
179		---	---	ND	---	0.0243
180	180/193	46.913	1.00	0.0961	---	0.0487
181		---	---	ND	---	0.0243
182		---	---	ND	---	0.0243
183	183/185	---	---	ND	---	0.0487
184		---	---	ND	---	0.0243
185	183/185	---	---	ND	---	0.0487
186		---	---	ND	---	0.0243
187		42.632	0.98	0.0667	---	0.0243
188		---	---	ND	---	0.0243
189		---	---	ND	---	0.0243
190		---	---	ND	---	0.0243
191		---	---	ND	---	0.0243
192		---	---	ND	---	0.0243

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10686845002
Filename	P240402A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.913	1.00	(0.0961)	---	0.0487
194		---	---	ND	---	0.0243
195		---	---	ND	---	0.0243
196		---	---	ND	---	0.0243
197	197/200	---	---	ND	---	0.0487
198	198/199	---	---	ND	---	0.0487
199	198/199	---	---	ND	---	0.0487
200	197/200	---	---	ND	---	0.0487
201		---	---	ND	---	0.0243
202		---	---	ND	---	0.0243
203		---	---	ND	---	0.0243
204		---	---	ND	---	0.0243
205		---	---	ND	---	0.0243
206		---	---	ND	---	0.0243
207		---	---	ND	---	0.0243
208		---	---	ND	---	0.0243
209		---	---	ND	---	0.0243

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10686845002
Filename	P240402A_08

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.116
Total Trichloro Biphenyls	0.0506
Total Tetrachloro Biphenyls	0.0793
Total Pentachloro Biphenyls	0.320
Total Hexachloro Biphenyls	0.591
Total Heptachloro Biphenyls	0.287
Total Octachloro Biphenyls	ND
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	1.44

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Shepaug Dam		
Lab Sample ID	10686845003		
Filename	P240402A_09		
Injected By	CVS		
Total Amount Extracted	1670 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	03/11/2024 15:15
ICAL ID	P240402A02	Received	03/19/2024 08:50
CCal Filename(s)	P240402A_01	Extracted	03/26/2024 14:00
Method Blank ID	BLANK-111882	Analyzed	04/02/2024 07:39

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.985	3.03	2.0	0.750	38
13C-4-MoCB	3	12.755	3.09	2.0	0.950	48
13C-2,2'-DiCB	4	13.060	1.56	2.0	0.812	41
13C-4,4'-DiCB	15	20.111	1.59	2.0	1.39	69
13C-2,2',6-TrCB	19	16.851	1.02	2.0	0.873	44
13C-3,4,4'-TrCB	37	27.883	1.06	2.0	1.48	74
13C-2,2',6,6'-TeCB	54	20.458	0.81	2.0	0.838	42
13C-3,4,4',5-TeCB	81	35.020	0.79	2.0	1.72	86
13C-3,3',4,4'-TeCB	77	35.608	0.79	2.0	1.75	88
13C-2,2',4,6,6'-PeCB	104	26.568	1.65	2.0	0.893	45
13C-2,3,3',4,4'-PeCB	105	39.228	1.57	2.0	1.60	80
13C-2,3,4,4',5-PeCB	114	38.574	1.57	2.0	1.52	76
13C-2,3',4,4',5-PeCB	118	38.021	1.58	2.0	1.55	78
13C-2,3',4,4',5'-PeCB	123	37.685	1.57	2.0	1.54	77
13C-3,3',4,4',5-PeCB	126	42.397	1.58	2.0	1.62	81
13C-2,2',4,4',6,6'-HxCB	155	32.623	1.26	2.0	1.09	55
13C-HxCB (156/157)	156/157	45.470	1.30	4.0	2.97	74
13C-2,3',4,4',5,5'-HxCB	167	44.296	1.29	2.0	1.53	77
13C-3,3',4,4',5,5'-HxCB	169	48.773	1.28	2.0	1.53	76
13C-2,2',3,4',5,6,6'-HpCB	188	38.557	1.05	2.0	1.44	72
13C-2,3,3',4,4',5,5'-HpCB	189	51.343	1.05	2.0	1.59	80
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.045	0.93	2.0	1.39	70
13C-2,3,3',4,4',5,5',6-OcCB	205	53.951	0.89	2.0	1.58	79
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.696	0.83	2.0	1.56	78
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.847	0.78	2.0	1.58	79
13C-DeCB	209	57.291	0.71	2.0	1.50	75
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.521	1.06	2.0	1.44	72
13C-2,3,3',5,5'-PeCB	111	35.639	1.57	2.0	1.59	79
13C-2,2',3,3',5,5',6-HpCB	178	41.676	1.06	2.0	1.64	82
Recovery Standards						
13C-2,5-DiCB	9	15.503	1.63	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.517	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.839	1.55	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.223	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.455	0.91	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10686845003
Filename	P240402A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0239
2		---	---	ND	---	0.0239
3		---	---	ND	---	0.0239
4		13.072	1.64	0.160	---	0.0239
5		---	---	ND	---	0.0239
6		---	---	ND	---	0.0239
7		---	---	ND	---	0.0239
8		---	---	ND	---	0.0239
9		---	---	ND	---	0.0239
10		---	---	ND	---	0.0239
11		---	---	ND	---	0.234
12	12/13	---	---	ND	---	0.0479
13	12/13	---	---	ND	---	0.0479
14		---	---	ND	---	0.0239
15		---	---	ND	---	0.0316
16		---	---	ND	---	0.0239
17		19.548	1.03	0.0240	---	0.0239
18	18/30	---	---	ND	---	0.0479
19		16.884	1.07	0.0799	---	0.0239
20	20/28	---	---	ND	---	0.123
21	21/33	---	---	ND	---	0.129
22		---	---	ND	---	0.0909
23		---	---	ND	---	0.0239
24		---	---	ND	---	0.0239
25		---	---	ND	---	0.0239
26	26/29	---	---	ND	---	0.0479
27		---	---	ND	---	0.0239
28	20/28	---	---	ND	---	0.123
29	26/29	---	---	ND	---	0.0479
30	18/30	---	---	ND	---	0.0479
31		---	---	ND	---	0.124
32		---	---	ND	---	0.0239
33	21/33	---	---	ND	---	0.129
34		---	---	ND	---	0.0239
35		---	---	ND	---	0.0239
36		---	---	ND	---	0.0239
37		---	---	ND	---	0.0507
38		---	---	ND	---	0.0239
39		---	---	ND	---	0.0239
40	40/41/71	---	---	ND	---	0.0718
41	40/41/71	---	---	ND	---	0.0718
42		---	---	ND	---	0.0239
43	43/73	---	---	ND	---	0.0479
44	44/47/65	26.692	0.76	0.182	---	0.0718
45	45/51	23.737	0.80	0.0703	---	0.0479
46		---	---	ND	---	0.0239
47	44/47/65	26.692	0.76	(0.182)	---	0.0718
48		---	---	ND	---	0.0239

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Shepaug Dam
Lab Sample ID 10686845003
Filename P240402A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.089	0.78	0.102	---	0.0479
50	50/53	22.902	0.79	0.0625	---	0.0479
51	45/51	23.737	0.80	(0.0703)	---	0.0479
52		---	---	ND	---	0.123
53	50/53	22.902	0.79	(0.0625)	---	0.0479
54		---	---	ND	---	0.0239
55		---	---	ND	---	0.0239
56		---	---	ND	---	0.0239
57		---	---	ND	---	0.0239
58		---	---	ND	---	0.0239
59	59/62/75	---	---	ND	---	0.0718
60		---	---	ND	---	0.0239
61	61/70/74/76	---	---	ND	---	0.0957
62	59/62/75	---	---	ND	---	0.0718
63		---	---	ND	---	0.0239
64		---	---	ND	---	0.0239
65	44/47/65	26.692	0.76	(0.182)	---	0.0718
66		---	---	ND	---	0.0565
67		---	---	ND	---	0.0239
68		---	---	ND	---	0.0239
69	49/69	26.089	0.78	(0.102)	---	0.0479
70	61/70/74/76	---	---	ND	---	0.0957
71	40/41/71	---	---	ND	---	0.0718
72		---	---	ND	---	0.0239
73	43/73	---	---	ND	---	0.0479
74	61/70/74/76	---	---	ND	---	0.0957
75	59/62/75	---	---	ND	---	0.0718
76	61/70/74/76	---	---	ND	---	0.0957
77		---	---	ND	---	0.0239
78		---	---	ND	---	0.0239
79		---	---	ND	---	0.0239
80		---	---	ND	---	0.0239
81		---	---	ND	---	0.0239
82		---	---	ND	---	0.0239
83		---	---	ND	---	0.0239
84		30.906	1.54	0.0302	---	0.0239
85	85/116/117	---	---	ND	---	0.0718
86	86/87/97/108/119/125	---	---	ND	---	0.144
87	86/87/97/108/119/125	---	---	ND	---	0.144
88	88/91	---	---	ND	---	0.0479
89		---	---	ND	---	0.0239
90	90/101/113	32.870	1.52	0.203	---	0.0718
91	88/91	---	---	ND	---	0.0479
92		32.251	1.53	0.0520	---	0.0239
93	93/98/100/102	---	---	ND	---	0.0957
94		---	---	ND	---	0.0239
95		29.761	1.46	0.138	---	0.0670
96		---	---	ND	---	0.0239

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10686845003
Filename	P240402A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND		---	0.144
98	93/98/100/102	---	---	ND		---	0.0957
99		33.489	1.62	0.0911	U	---	0.0239
100	93/98/100/102	---	---	ND		---	0.0957
101	90/101/113	32.870	1.52	(0.203)		---	0.0718
102	93/98/100/102	---	---	ND		---	0.0957
103		---	---	ND		---	0.0239
104		---	---	ND		---	0.0239
105		39.261	1.49	0.0517		---	0.0239
106		---	---	ND		---	0.0239
107	107/124	---	---	ND		---	0.0479
108	86/87/97/108/119/125	---	---	ND		---	0.144
109		---	---	ND		---	0.0239
110	110/115	34.928	1.55	0.198	U	---	0.0479
111		---	---	ND		---	0.0239
112		---	---	ND		---	0.0239
113	90/101/113	32.870	1.52	(0.203)		---	0.0718
114		---	---	ND		---	0.0239
115	110/115	34.928	1.55	(0.198)	U	---	0.0479
116	85/116/117	---	---	ND		---	0.0718
117	85/116/117	---	---	ND		---	0.0718
118		38.037	1.55	0.129	U	---	0.0373
119	86/87/97/108/119/125	---	---	ND		---	0.144
120		---	---	ND		---	0.0239
121		---	---	ND		---	0.0239
122		---	---	ND		---	0.0239
123		---	---	ND		---	0.0239
124	107/124	---	---	ND		---	0.0479
125	86/87/97/108/119/125	---	---	ND		---	0.144
126		---	---	ND		---	0.0239
127		---	---	ND		---	0.0239
128	128/166	---	---	ND		---	0.0479
129	129/138/163	41.257	1.23	0.466		---	0.0718
130		40.586	1.29	0.0255		---	0.0239
131		---	---	ND		---	0.0239
132		38.138	1.26	0.118		---	0.0239
133		---	---	ND		---	0.0239
134	134/143	---	---	ND		---	0.0479
135	135/151	35.887	1.24	0.180		---	0.0479
136		33.381	1.25	0.0468		---	0.0239
137		---	---	ND		---	0.0239
138	129/138/163	41.257	1.23	(0.466)		---	0.0718
139	139/140	---	---	ND		---	0.0479
140	139/140	---	---	ND		---	0.0479
141		40.167	1.18	0.0839		---	0.0239
142		---	---	ND		---	0.0239
143	134/143	---	---	ND		---	0.0479
144		---	---	ND		---	0.0239

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10686845003
Filename	P240402A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0239
146		39.345	1.23	0.0828	---	0.0239
147	147/149	36.847	1.26	0.388	---	0.0479
148		---	---	ND	---	0.0239
149	147/149	36.847	1.26	(0.388)	---	0.0479
150		---	---	ND	---	0.0239
151	135/151	35.887	1.24	(0.180)	---	0.0479
152		---	---	ND	---	0.0239
153	153/168	39.965	1.24	0.428	---	0.0479
154		---	---	ND	---	0.0239
155		---	---	ND	---	0.0239
156	156/157	---	---	ND	---	0.0479
157	156/157	---	---	ND	---	0.0479
158		41.659	1.28	0.0343	---	0.0239
159		---	---	ND	---	0.0239
160		---	---	ND	---	0.0239
161		---	---	ND	---	0.0239
162		---	---	ND	---	0.0239
163	129/138/163	41.257	1.23	(0.466)	---	0.0718
164		40.938	1.23	0.0316	---	0.0239
165		---	---	ND	---	0.0239
166	128/166	---	---	ND	---	0.0479
167		---	---	ND	---	0.0239
168	153/168	39.965	1.24	(0.428)	---	0.0479
169		---	---	ND	---	0.0239
170		48.203	1.05	0.142	---	0.0239
171	171/173	---	---	ND	---	0.0479
172		46.241	0.99	0.0304	---	0.0239
173	171/173	---	---	ND	---	0.0479
174		43.492	1.03	0.162	---	0.0239
175		---	---	ND	---	0.0239
176		---	---	ND	---	0.0239
177		43.961	1.00	0.102	---	0.0239
178		41.709	1.07	0.0402	---	0.0239
179		38.926	1.05	0.0676	---	0.0239
180	180/193	46.912	1.02	0.325	---	0.0479
181		---	---	ND	---	0.0239
182		---	---	ND	---	0.0239
183	183/185	43.274	1.02	0.104	---	0.0479
184		---	---	ND	---	0.0239
185	183/185	43.274	1.02	(0.104)	---	0.0479
186		---	---	ND	---	0.0239
187		42.631	1.03	0.214	---	0.0239
188		---	---	ND	---	0.0239
189		---	---	ND	---	0.0239
190		48.739	0.98	0.0352	---	0.0239
191		---	---	ND	---	0.0239
192		---	---	ND	---	0.0239

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10686845003
Filename	P240402A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.912	1.02	(0.325)	---	0.0479
194		53.477	0.89	0.0722	---	0.0239
195		51.127	0.94	0.0335	---	0.0239
196		49.577	0.87	0.0353	---	0.0239
197	197/200	---	---	ND	---	0.0479
198	198/199	48.890	0.87	0.0769	---	0.0479
199	198/199	48.890	0.87	(0.0769)	---	0.0479
200	197/200	---	---	ND	---	0.0479
201		---	---	ND	---	0.0239
202		---	---	ND	---	0.0239
203		49.762	0.86	0.0461	---	0.0239
204		---	---	ND	---	0.0239
205		---	---	ND	---	0.0239
206		---	---	ND	---	0.0239
207		---	---	ND	---	0.0239
208		---	---	ND	---	0.0239
209		---	---	ND	---	0.0239

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10686845003
Filename	P240402A_09

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.160
Total Trichloro Biphenyls	0.104
Total Tetrachloro Biphenyls	0.417
Total Pentachloro Biphenyls	0.893
Total Hexachloro Biphenyls	1.88
Total Heptachloro Biphenyls	1.22
Total Octachloro Biphenyls	0.264
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	4.94

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	HR-EB1		
Lab Sample ID	10686845004		
Filename	P240402A_10		
Injected By	CVS		
Total Amount Extracted	1790 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	03/11/2024 08:30
ICAL ID	P240402A02	Received	03/19/2024 08:50
CCal Filename(s)	P240402A_01	Extracted	03/26/2024 14:00
Method Blank ID	BLANK-111882	Analyzed	04/02/2024 08:41

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.087	3.09	2.0	0.824	41
13C-4-MoCB	3	12.823	3.15	2.0	1.07	53
13C-2,2'-DiCB	4	13.128	1.49	2.0	0.924	46
13C-4,4'-DiCB	15	20.124	1.63	2.0	1.40	70
13C-2,2',6-TrCB	19	16.885	1.08	2.0	0.909	45
13C-3,4,4'-TrCB	37	27.886	1.06	2.0	1.44	72
13C-2,2',6,6'-TeCB	54	20.475	0.80	2.0	0.836	42
13C-3,4,4',5-TeCB	81	35.025	0.79	2.0	1.63	82
13C-3,3',4,4'-TeCB	77	35.598	0.80	2.0	1.70	85
13C-2,2',4,6,6'-PeCB	104	26.555	1.58	2.0	0.723	36
13C-2,3,3',4,4'-PeCB	105	39.234	1.61	2.0	1.50	75
13C-2,3,4,4',5-PeCB	114	38.563	1.61	2.0	1.46	73
13C-2,3',4,4',5-PeCB	118	38.009	1.57	2.0	1.45	72
13C-2,3',4,4',5'-PeCB	123	37.674	1.57	2.0	1.47	73
13C-3,3',4,4',5-PeCB	126	42.403	1.54	2.0	1.56	78
13C-2,2',4,4',6,6'-HxCB	155	32.627	1.22	2.0	0.787	39
13C-HxCB (156/157)	156/157	45.477	1.31	4.0	2.89	72
13C-2,3',4,4',5,5'-HxCB	167	44.303	1.29	2.0	1.48	74
13C-3,3',4,4',5,5'-HxCB	169	48.780	1.28	2.0	1.49	74
13C-2,2',3,4',5,6,6'-HpCB	188	38.546	1.03	2.0	1.20	60
13C-2,3,3',4,4',5,5'-HpCB	189	51.334	1.06	2.0	1.53	77
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.051	0.94	2.0	1.25	63
13C-2,3,3',4,4',5,5',6-OcCB	205	53.942	0.92	2.0	1.51	76
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.688	0.80	2.0	1.50	75
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.839	0.80	2.0	1.53	77
13C-DeCB	209	57.305	0.66	2.0	1.49	75
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.523	1.05	2.0	1.43	72
13C-2,3,3',5,5'-PeCB	111	35.644	1.52	2.0	1.51	75
13C-2,2',3,3',5,5',6-HpCB	178	41.665	1.05	2.0	1.62	81
Recovery Standards						
13C-2,5-DiCB	9	15.547	1.61	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.519	0.77	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.828	1.56	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.213	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.468	0.91	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID HR-EB1
Lab Sample ID 10686845004
Filename P240402A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0223
2		---	---	ND	---	0.0223
3		---	---	ND	---	0.0223
4		13.140	1.52	0.0337	---	0.0223
5		---	---	ND	---	0.0223
6		---	---	ND	---	0.0223
7		---	---	ND	---	0.0223
8		16.564	1.56	0.0529	---	0.0223
9		---	---	ND	---	0.0223
10		---	---	ND	---	0.0223
11		---	---	ND	---	0.219
12	12/13	---	---	ND	---	0.0446
13	12/13	---	---	ND	---	0.0446
14		---	---	ND	---	0.0223
15		---	---	ND	---	0.0294
16		---	---	ND	---	0.0223
17		---	---	ND	---	0.0223
18	18/30	---	---	ND	---	0.0446
19		---	---	ND	---	0.0223
20	20/28	---	---	ND	---	0.115
21	21/33	---	---	ND	---	0.120
22		---	---	ND	---	0.0848
23		---	---	ND	---	0.0223
24		---	---	ND	---	0.0223
25		---	---	ND	---	0.0223
26	26/29	---	---	ND	---	0.0446
27		---	---	ND	---	0.0223
28	20/28	---	---	ND	---	0.115
29	26/29	---	---	ND	---	0.0446
30	18/30	---	---	ND	---	0.0446
31		---	---	ND	---	0.116
32		---	---	ND	---	0.0223
33	21/33	---	---	ND	---	0.120
34		---	---	ND	---	0.0223
35		---	---	ND	---	0.0223
36		---	---	ND	---	0.0223
37		---	---	ND	---	0.0473
38		---	---	ND	---	0.0223
39		---	---	ND	---	0.0223
40	40/41/71	---	---	ND	---	0.0669
41	40/41/71	---	---	ND	---	0.0669
42		---	---	ND	---	0.0223
43	43/73	---	---	ND	---	0.0446
44	44/47/65	---	---	ND	---	0.0669
45	45/51	---	---	ND	---	0.0446
46		---	---	ND	---	0.0223
47	44/47/65	---	---	ND	---	0.0669
48		---	---	ND	---	0.0223

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID HR-EB1
Lab Sample ID 10686845004
Filename P240402A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	---	---	ND	---	0.0446
50	50/53	---	---	ND	---	0.0446
51	45/51	---	---	ND	---	0.0446
52		---	---	ND	---	0.115
53	50/53	---	---	ND	---	0.0446
54		---	---	ND	---	0.0223
55		---	---	ND	---	0.0223
56		---	---	ND	---	0.0223
57		---	---	ND	---	0.0223
58		---	---	ND	---	0.0223
59	59/62/75	---	---	ND	---	0.0669
60		---	---	ND	---	0.0223
61	61/70/74/76	---	---	ND	---	0.0892
62	59/62/75	---	---	ND	---	0.0669
63		---	---	ND	---	0.0223
64		---	---	ND	---	0.0223
65	44/47/65	---	---	ND	---	0.0669
66		---	---	ND	---	0.0526
67		---	---	ND	---	0.0223
68		---	---	ND	---	0.0223
69	49/69	---	---	ND	---	0.0446
70	61/70/74/76	---	---	ND	---	0.0892
71	40/41/71	---	---	ND	---	0.0669
72		---	---	ND	---	0.0223
73	43/73	---	---	ND	---	0.0446
74	61/70/74/76	---	---	ND	---	0.0892
75	59/62/75	---	---	ND	---	0.0669
76	61/70/74/76	---	---	ND	---	0.0892
77		---	---	ND	---	0.0223
78		---	---	ND	---	0.0223
79		---	---	ND	---	0.0223
80		---	---	ND	---	0.0223
81		---	---	ND	---	0.0223
82		---	---	ND	---	0.0223
83		---	---	ND	---	0.0223
84		---	---	ND	---	0.0223
85	85/116/117	---	---	ND	---	0.0669
86	86/87/97/108/119/125	---	---	ND	---	0.134
87	86/87/97/108/119/125	---	---	ND	---	0.134
88	88/91	---	---	ND	---	0.0446
89		---	---	ND	---	0.0223
90	90/101/113	---	---	ND	---	0.0669
91	88/91	---	---	ND	---	0.0446
92		---	---	ND	---	0.0223
93	93/98/100/102	---	---	ND	---	0.0892
94		---	---	ND	---	0.0223
95		---	---	ND	---	0.0625
96		---	---	ND	---	0.0223

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of PaceAnalytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID HR-EB1
Lab Sample ID 10686845004
Filename P240402A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.134
98	93/98/100/102	---	---	ND	---	0.0892
99		33.478	1.59	0.0251	---	0.0223
100	93/98/100/102	---	---	ND	---	0.0892
101	90/101/113	---	---	ND	---	0.0669
102	93/98/100/102	---	---	ND	---	0.0892
103		---	---	ND	---	0.0223
104		---	---	ND	---	0.0223
105		---	---	ND	---	0.0223
106		---	---	ND	---	0.0223
107	107/124	---	---	ND	---	0.0446
108	86/87/97/108/119/125	---	---	ND	---	0.134
109		---	---	ND	---	0.0223
110	110/115	34.917	1.54	0.0611	---	0.0446
111		---	---	ND	---	0.0223
112		---	---	ND	---	0.0223
113	90/101/113	---	---	ND	---	0.0669
114		---	---	ND	---	0.0223
115	110/115	34.917	1.54	(0.0611)	---	0.0446
116	85/116/117	---	---	ND	---	0.0669
117	85/116/117	---	---	ND	---	0.0669
118		38.043	1.56	0.0402	---	0.0348
119	86/87/97/108/119/125	---	---	ND	---	0.134
120		---	---	ND	---	0.0223
121		---	---	ND	---	0.0223
122		---	---	ND	---	0.0223
123		---	---	ND	---	0.0223
124	107/124	---	---	ND	---	0.0446
125	86/87/97/108/119/125	---	---	ND	---	0.134
126		---	---	ND	---	0.0223
127		---	---	ND	---	0.0223
128	128/166	---	---	ND	---	0.0446
129	129/138/163	---	---	ND	---	0.0669
130		---	---	ND	---	0.0223
131		---	---	ND	---	0.0223
132		---	---	ND	---	0.0223
133		---	---	ND	---	0.0223
134	134/143	---	---	ND	---	0.0446
135	135/151	---	---	ND	---	0.0446
136		---	---	ND	---	0.0223
137		---	---	ND	---	0.0223
138	129/138/163	---	---	ND	---	0.0669
139	139/140	---	---	ND	---	0.0446
140	139/140	---	---	ND	---	0.0446
141		---	---	ND	---	0.0223
142		---	---	ND	---	0.0223
143	134/143	---	---	ND	---	0.0446
144		---	---	ND	---	0.0223

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of PaceAnalytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID HR-EB1
Lab Sample ID 10686845004
Filename P240402A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0223
146		---	---	ND	---	0.0223
147	147/149	---	---	ND	---	0.0446
148		---	---	ND	---	0.0223
149	147/149	---	---	ND	---	0.0446
150		---	---	ND	---	0.0223
151	135/151	---	---	ND	---	0.0446
152		---	---	ND	---	0.0223
153	153/168	---	---	ND	---	0.0446
154		---	---	ND	---	0.0223
155		---	---	ND	---	0.0223
156	156/157	---	---	ND	---	0.0446
157	156/157	---	---	ND	---	0.0446
158		---	---	ND	---	0.0223
159		---	---	ND	---	0.0223
160		---	---	ND	---	0.0223
161		---	---	ND	---	0.0223
162		---	---	ND	---	0.0223
163	129/138/163	---	---	ND	---	0.0669
164		---	---	ND	---	0.0223
165		---	---	ND	---	0.0223
166	128/166	---	---	ND	---	0.0446
167		---	---	ND	---	0.0223
168	153/168	---	---	ND	---	0.0446
169		---	---	ND	---	0.0223
170		---	---	ND	---	0.0223
171	171/173	---	---	ND	---	0.0446
172		---	---	ND	---	0.0223
173	171/173	---	---	ND	---	0.0446
174		---	---	ND	---	0.0223
175		---	---	ND	---	0.0223
176		---	---	ND	---	0.0223
177		---	---	ND	---	0.0223
178		---	---	ND	---	0.0223
179		---	---	ND	---	0.0223
180	180/193	---	---	ND	---	0.0446
181		---	---	ND	---	0.0223
182		---	---	ND	---	0.0223
183	183/185	---	---	ND	---	0.0446
184		---	---	ND	---	0.0223
185	183/185	---	---	ND	---	0.0446
186		---	---	ND	---	0.0223
187		---	---	ND	---	0.0223
188		---	---	ND	---	0.0223
189		---	---	ND	---	0.0223
190		---	---	ND	---	0.0223
191		---	---	ND	---	0.0223
192		---	---	ND	---	0.0223

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of PaceAnalytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID HR-EB1
Lab Sample ID 10686845004
Filename P240402A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	---	---	ND	---	0.0446
194		---	---	ND	---	0.0223
195		---	---	ND	---	0.0223
196		---	---	ND	---	0.0223
197	197/200	---	---	ND	---	0.0446
198	198/199	---	---	ND	---	0.0446
199	198/199	---	---	ND	---	0.0446
200	197/200	---	---	ND	---	0.0446
201		---	---	ND	---	0.0223
202		---	---	ND	---	0.0223
203		---	---	ND	---	0.0223
204		---	---	ND	---	0.0223
205		---	---	ND	---	0.0223
206		---	---	ND	---	0.0223
207		---	---	ND	---	0.0223
208		---	---	ND	---	0.0223
209		---	---	ND	---	0.0223

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	HR-EB1
Lab Sample ID	10686845004
Filename	P240402A_10

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.0866
Total Trichloro Biphenyls	ND
Total Tetrachloro Biphenyls	ND
Total Pentachloro Biphenyls	0.126
Total Hexachloro Biphenyls	ND
Total Heptachloro Biphenyls	ND
Total Octachloro Biphenyls	ND
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	0.213

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rt. 202 Bridge		
Lab Sample ID	10686845005		
Filename	P240402A_11		
Injected By	CVS		
Total Amount Extracted	1780 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	03/12/2024 13:45
ICAL ID	P240402A02	Received	03/19/2024 08:50
CCal Filename(s)	P240402A_01	Extracted	03/26/2024 14:00
Method Blank ID	BLANK-111882	Analyzed	04/02/2024 09:45

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.985	3.11	2.0	0.845	42
13C-4-MoCB	3	12.755	3.08	2.0	1.04	52
13C-2,2'-DiCB	4	13.049	1.52	2.0	0.875	44
13C-4,4'-DiCB	15	20.112	1.56	2.0	1.39	69
13C-2,2',6-TrCB	19	16.862	1.06	2.0	0.973	49
13C-3,4,4'-TrCB	37	27.884	1.07	2.0	1.41	71
13C-2,2',6,6'-TeCB	54	20.459	0.81	2.0	0.936	47
13C-3,4,4',5-TeCB	81	35.021	0.81	2.0	1.57	79
13C-3,3',4,4'-TeCB	77	35.609	0.82	2.0	1.56	78
13C-2,2',4,6,6'-PeCB	104	26.569	1.70	2.0	0.915	46
13C-2,3,3',4,4'-PeCB	105	39.229	1.55	2.0	1.45	72
13C-2,3,4,4',5-PeCB	114	38.575	1.60	2.0	1.42	71
13C-2,3',4,4',5-PeCB	118	38.022	1.58	2.0	1.45	72
13C-2,3',4,4',5'-PeCB	123	37.687	1.57	2.0	1.46	73
13C-3,3',4,4',5-PeCB	126	42.398	1.60	2.0	1.43	72
13C-2,2',4,4',6,6'-HxCB	155	32.639	1.25	2.0	1.07	53
13C-HxCB (156/157)	156/157	45.489	1.31	4.0	2.79	70
13C-2,3',4,4',5,5'-HxCB	167	44.315	1.28	2.0	1.44	72
13C-3,3',4,4',5,5'-HxCB	169	48.775	1.27	2.0	1.36	68
13C-2,2',3,4',5,6,6'-HpCB	188	38.558	1.08	2.0	1.35	67
13C-2,3,3',4,4',5,5'-HpCB	189	51.350	1.07	2.0	1.50	75
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.047	0.94	2.0	1.32	66
13C-2,3,3',4,4',5,5',6-OcCB	205	53.958	0.90	2.0	1.47	74
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.704	0.79	2.0	1.42	71
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.855	0.78	2.0	1.51	75
13C-DeCB	209	57.299	0.68	2.0	1.48	74
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.537	1.06	2.0	1.47	73
13C-2,3,3',5,5'-PeCB	111	35.640	1.58	2.0	1.48	74
13C-2,2',3,3',5,5',6-HpCB	178	41.678	1.05	2.0	1.58	79
Recovery Standards						
13C-2,5-DiCB	9	15.503	1.59	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.532	0.80	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.840	1.61	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.225	1.28	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.463	0.90	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt. 202 Bridge
Lab Sample ID	10686845005
Filename	P240402A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
1		---	---	ND		---	0.0225
2		---	---	ND		---	0.0225
3		---	---	ND		---	0.0225
4		13.083	1.55	0.155	U	---	0.0225
5		---	---	ND		---	0.0225
6		---	---	ND		---	0.0225
7		---	---	ND		---	0.0225
8		---	---	ND		---	0.0225
9		---	---	ND		---	0.0225
10		---	---	ND		---	0.0225
11		---	---	ND		---	0.220
12	12/13	---	---	ND		---	0.0449
13	12/13	---	---	ND		---	0.0449
14		---	---	ND		---	0.0225
15		---	---	ND		---	0.0296
16		---	---	ND		---	0.0225
17		19.559	1.06	0.0268		---	0.0225
18	18/30	---	---	ND		---	0.0449
19		16.885	1.06	0.117		---	0.0225
20	20/28	---	---	ND		---	0.116
21	21/33	---	---	ND		---	0.121
22		---	---	ND		---	0.0853
23		---	---	ND		---	0.0225
24		---	---	ND		---	0.0225
25		---	---	ND		---	0.0225
26	26/29	---	---	ND		---	0.0449
27		---	---	ND		---	0.0225
28	20/28	---	---	ND		---	0.116
29	26/29	---	---	ND		---	0.0449
30	18/30	---	---	ND		---	0.0449
31		---	---	ND		---	0.117
32		20.691	1.12	0.0311		---	0.0225
33	21/33	---	---	ND		---	0.121
34		---	---	ND		---	0.0225
35		---	---	ND		---	0.0225
36		---	---	ND		---	0.0225
37		---	---	ND		---	0.0476
38		---	---	ND		---	0.0225
39		---	---	ND		---	0.0225
40	40/41/71	---	---	ND		---	0.0674
41	40/41/71	---	---	ND		---	0.0674
42		---	---	ND		---	0.0225
43	43/73	---	---	ND		---	0.0449
44	44/47/65	26.693	0.81	0.313		---	0.0674
45	45/51	23.738	0.76	0.136		---	0.0449
46		---	---	ND		---	0.0225
47	44/47/65	26.693	0.81	(0.313)		---	0.0674
48		---	---	ND		---	0.0225

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 202 Bridge
Lab Sample ID 10686845005
Filename P240402A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.089	0.79	0.187	---	0.0449
50	50/53	22.918	0.77	0.114	---	0.0449
51	45/51	23.738	0.76	(0.136)	---	0.0449
52		25.548	0.77	0.169	---	0.116
53	50/53	22.918	0.77	(0.114)	---	0.0449
54		20.490	0.74	0.0383	---	0.0225
55		---	---	ND	---	0.0225
56		---	---	ND	---	0.0225
57		---	---	ND	---	0.0225
58		---	---	ND	---	0.0225
59	59/62/75	---	---	ND	---	0.0674
60		---	---	ND	---	0.0225
61	61/70/74/76	30.690	0.80	0.0942	---	0.0898
62	59/62/75	---	---	ND	---	0.0674
63		---	---	ND	---	0.0225
64		---	---	ND	---	0.0225
65	44/47/65	26.693	0.81	(0.313)	---	0.0674
66		31.046	0.77	0.0581	---	0.0530
67		---	---	ND	---	0.0225
68		---	---	ND	---	0.0225
69	49/69	26.089	0.79	(0.187)	---	0.0449
70	61/70/74/76	30.690	0.80	(0.0942)	---	0.0898
71	40/41/71	---	---	ND	---	0.0674
72		---	---	ND	---	0.0225
73	43/73	---	---	ND	---	0.0449
74	61/70/74/76	30.690	0.80	(0.0942)	---	0.0898
75	59/62/75	---	---	ND	---	0.0674
76	61/70/74/76	30.690	0.80	(0.0942)	---	0.0898
77		---	---	ND	---	0.0225
78		---	---	ND	---	0.0225
79		---	---	ND	---	0.0225
80		---	---	ND	---	0.0225
81		---	---	ND	---	0.0225
82		---	---	ND	---	0.0225
83		---	---	ND	---	0.0225
84		30.907	1.54	0.0475	---	0.0225
85	85/116/117	---	---	ND	---	0.0674
86	86/87/97/108/119/125	34.016	1.53	0.149	---	0.135
87	86/87/97/108/119/125	34.016	1.53	(0.149)	---	0.135
88	88/91	30.690	1.62	0.0778	---	0.0449
89		---	---	ND	---	0.0225
90	90/101/113	32.871	1.51	0.351	---	0.0674
91	88/91	30.690	1.62	(0.0778)	---	0.0449
92		32.252	1.58	0.0919	---	0.0225
93	93/98/100/102	---	---	ND	---	0.0898
94		---	---	ND	---	0.0225
95		29.762	1.58	0.243	---	0.0629
96		---	---	ND	---	0.0225

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of PaceAnalytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID: Rt. 202 Bridge
Lab Sample ID: 10686845005
Filename: P240402A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.016	1.53	(0.149)		---	0.135
98	93/98/100/102	---	---	ND		---	0.0898
99		33.490	1.60	0.163	U	---	0.0225
100	93/98/100/102	---	---	ND		---	0.0898
101	90/101/113	32.871	1.51	(0.351)		---	0.0674
102	93/98/100/102	---	---	ND		---	0.0898
103		---	---	ND		---	0.0225
104		---	---	ND		---	0.0225
105		39.263	1.62	0.0646		---	0.0225
106		---	---	ND		---	0.0225
107	107/124	---	---	ND		---	0.0449
108	86/87/97/108/119/125	34.016	1.53	(0.149)		---	0.135
109		---	---	ND		---	0.0225
110	110/115	34.929	1.57	0.307	U	---	0.0449
111		---	---	ND		---	0.0225
112		---	---	ND		---	0.0225
113	90/101/113	32.871	1.51	(0.351)		---	0.0674
114		---	---	ND		---	0.0225
115	110/115	34.929	1.57	(0.307)	U	---	0.0449
116	85/116/117	---	---	ND		---	0.0674
117	85/116/117	---	---	ND		---	0.0674
118		38.055	1.54	0.190	U	---	0.0350
119	86/87/97/108/119/125	34.016	1.53	(0.149)		---	0.135
120		---	---	ND		---	0.0225
121		---	---	ND		---	0.0225
122		---	---	ND		---	0.0225
123		---	---	ND		---	0.0225
124	107/124	---	---	ND		---	0.0449
125	86/87/97/108/119/125	34.016	1.53	(0.149)		---	0.135
126		---	---	ND		---	0.0225
127		---	---	ND		---	0.0225
128	128/166	42.566	1.19	0.0621		---	0.0449
129	129/138/163	41.258	1.24	0.765		---	0.0674
130		40.604	1.12	0.0397		---	0.0225
131		---	---	ND		---	0.0225
132		38.156	1.20	0.189		---	0.0225
133		---	---	ND		---	0.0225
134	134/143	---	---	ND		---	0.0449
135	135/151	35.888	1.24	0.321		---	0.0449
136		33.382	1.21	0.0843		---	0.0225
137		---	---	ND		---	0.0225
138	129/138/163	41.258	1.24	(0.765)		---	0.0674
139	139/140	---	---	ND		---	0.0449
140	139/140	---	---	ND		---	0.0449
141		40.168	1.22	0.143		---	0.0225
142		---	---	ND		---	0.0225
143	134/143	---	---	ND		---	0.0449
144		36.506	1.36	0.0310		---	0.0225

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 202 Bridge
Lab Sample ID 10686845005
Filename P240402A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0225
146		39.347	1.22	0.148	---	0.0225
147	147/149	36.848	1.24	0.672	---	0.0449
148		---	---	ND	---	0.0225
149	147/149	36.848	1.24	(0.672)	---	0.0449
150		---	---	ND	---	0.0225
151	135/151	35.888	1.24	(0.321)	---	0.0449
152		---	---	ND	---	0.0225
153	153/168	39.967	1.23	0.741	---	0.0449
154		---	---	ND	---	0.0225
155		---	---	ND	---	0.0225
156	156/157	45.489	1.27	0.0470	---	0.0449
157	156/157	45.489	1.27	(0.0470)	---	0.0449
158		41.661	1.19	0.0554	---	0.0225
159		---	---	ND	---	0.0225
160		---	---	ND	---	0.0225
161		---	---	ND	---	0.0225
162		---	---	ND	---	0.0225
163	129/138/163	41.258	1.24	(0.765)	---	0.0674
164		40.923	1.27	0.0517	---	0.0225
165		---	---	ND	---	0.0225
166	128/166	42.566	1.19	(0.0621)	---	0.0449
167		44.315	1.26	0.0232	---	0.0225
168	153/168	39.967	1.23	(0.741)	---	0.0449
169		---	---	ND	---	0.0225
170		48.205	1.06	0.246	---	0.0225
171	171/173	44.617	1.09	0.0795	---	0.0449
172		46.243	1.11	0.0486	---	0.0225
173	171/173	44.617	1.09	(0.0795)	---	0.0449
174		43.510	1.06	0.281	---	0.0225
175		---	---	ND	---	0.0225
176		39.833	1.02	0.0336	---	0.0225
177		43.946	1.02	0.179	---	0.0225
178		41.711	0.99	0.0707	---	0.0225
179		38.928	1.02	0.116	---	0.0225
180	180/193	46.914	1.04	0.564	---	0.0449
181		---	---	ND	---	0.0225
182		---	---	ND	---	0.0225
183	183/185	43.276	1.06	0.179	---	0.0449
184		---	---	ND	---	0.0225
185	183/185	43.276	1.06	(0.179)	---	0.0449
186		---	---	ND	---	0.0225
187		42.633	1.04	0.363	---	0.0225
188		---	---	ND	---	0.0225
189		---	---	ND	---	0.0225
190		48.758	1.05	0.0577	---	0.0225
191		---	---	ND	---	0.0225
192		---	---	ND	---	0.0225

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 202 Bridge
Lab Sample ID 10686845005
Filename P240402A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.914	1.04	(0.564)	---	0.0449
194		53.506	0.89	0.126	---	0.0225
195		51.113	0.91	0.0568	---	0.0225
196		49.580	0.88	0.0596	---	0.0225
197	197/200	---	---	ND	---	0.0449
198	198/199	48.893	0.92	0.127	---	0.0449
199	198/199	48.893	0.92	(0.127)	---	0.0449
200	197/200	---	---	ND	---	0.0449
201		---	---	ND	---	0.0225
202		44.080	0.95	0.0257	---	0.0225
203		49.765	0.83	0.0776	---	0.0225
204		---	---	ND	---	0.0225
205		---	---	ND	---	0.0225
206		55.704	0.81	0.0317	---	0.0225
207		---	---	ND	---	0.0225
208		---	---	ND	---	0.0225
209		---	---	ND	---	0.0225

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID Rt. 202 Bridge
Lab Sample ID 10686845005
Filename P240402A_11

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.155
Total Trichloro Biphenyls	0.175
Total Tetrachloro Biphenyls	1.11
Total Pentachloro Biphenyls	1.69
Total Hexachloro Biphenyls	3.37
Total Heptachloro Biphenyls	2.22
Total Octachloro Biphenyls	0.473
Total Nonachloro Biphenyls	0.0317
DecachloroBiphenyls	ND
Total PCBs	9.22

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rt. 341 Bridge		
Lab Sample ID	10686845006		
Filename	P240402A_12		
Injected By	CVS		
Total Amount Extracted	1650 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	03/12/2024 16:00
ICAL ID	P240402A02	Received	03/19/2024 08:50
CCal Filename(s)	P240402A_01	Extracted	03/26/2024 14:00
Method Blank ID	BLANK-111882	Analyzed	04/02/2024 10:48

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.075	3.16	2.0	0.777	39
13C-4-MoCB	3	12.812	3.04	2.0	0.983	49
13C-2,2'-DiCB	4	13.117	1.53	2.0	0.840	42
13C-4,4'-DiCB	15	20.122	1.65	2.0	1.31	65
13C-2,2',6-TrCB	19	16.884	1.13	2.0	0.850	43
13C-3,4,4'-TrCB	37	27.883	1.08	2.0	1.49	74
13C-2,2',6,6'-TeCB	54	20.474	0.83	2.0	0.872	44
13C-3,4,4',5-TeCB	81	35.021	0.78	2.0	1.73	87
13C-3,3',4,4'-TeCB	77	35.608	0.80	2.0	1.73	86
13C-2,2',4,6,6'-PeCB	104	26.568	1.62	2.0	0.856	43
13C-2,3,3',4,4'-PeCB	105	39.229	1.55	2.0	1.54	77
13C-2,3,4,4',5-PeCB	114	38.574	1.62	2.0	1.54	77
13C-2,3',4,4',5-PeCB	118	38.021	1.61	2.0	1.56	78
13C-2,3',4,4',5'-PeCB	123	37.686	1.62	2.0	1.54	77
13C-3,3',4,4',5-PeCB	126	42.398	1.59	2.0	1.60	80
13C-2,2',4,4',6,6'-HxCB	155	32.623	1.23	2.0	1.11	56
13C-HxCB (156/157)	156/157	45.471	1.28	4.0	3.08	77
13C-2,3',4,4',5,5'-HxCB	167	44.298	1.28	2.0	1.60	80
13C-3,3',4,4',5,5'-HxCB	169	48.774	1.29	2.0	1.60	80
13C-2,2',3,4',5,6,6'-HpCB	188	38.558	1.02	2.0	1.37	69
13C-2,3,3',4,4',5,5'-HpCB	189	51.349	1.07	2.0	1.58	79
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.046	0.93	2.0	1.30	65
13C-2,3,3',4,4',5,5',6-OcCB	205	53.935	0.90	2.0	1.55	77
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.681	0.77	2.0	1.52	76
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.832	0.79	2.0	1.53	77
13C-DeCB	209	57.297	0.70	2.0	1.50	75
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.537	1.08	2.0	1.46	73
13C-2,3,3',5,5'-PeCB	111	35.639	1.58	2.0	1.54	77
13C-2,2',3,3',5,5',6-HpCB	178	41.677	1.04	2.0	1.66	83
Recovery Standards						
13C-2,5-DiCB	9	15.536	1.61	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.517	0.81	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.840	1.57	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.224	1.25	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.461	0.91	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 341 Bridge
Lab Sample ID 10686845006
Filename P240402A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0242
2		---	---	ND	---	0.0242
3		---	---	ND	---	0.0242
4		13.128	1.57	0.261	---	0.0242
5		---	---	ND	---	0.0242
6		---	---	ND	---	0.0242
7		---	---	ND	---	0.0242
8		---	---	ND	---	0.0242
9		---	---	ND	---	0.0242
10		---	---	ND	---	0.0242
11		---	---	ND	---	0.237
12	12/13	---	---	ND	---	0.0484
13	12/13	---	---	ND	---	0.0484
14		---	---	ND	---	0.0242
15		---	---	ND	---	0.0319
16		---	---	ND	---	0.0242
17		19.581	0.96	0.0397	---	0.0242
18	18/30	---	---	ND	---	0.0484
19		16.906	1.05	0.212	---	0.0242
20	20/28	---	---	ND	---	0.125
21	21/33	---	---	ND	---	0.131
22		---	---	ND	---	0.0920
23		---	---	ND	---	0.0242
24		---	---	ND	---	0.0242
25		---	---	ND	---	0.0242
26	26/29	---	---	ND	---	0.0484
27		19.813	1.01	0.0298	---	0.0242
28	20/28	---	---	ND	---	0.125
29	26/29	---	---	ND	---	0.0484
30	18/30	---	---	ND	---	0.0484
31		---	---	ND	---	0.126
32		20.690	1.09	0.0499	---	0.0242
33	21/33	---	---	ND	---	0.131
34		---	---	ND	---	0.0242
35		---	---	ND	---	0.0242
36		---	---	ND	---	0.0242
37		---	---	ND	---	0.0513
38		---	---	ND	---	0.0242
39		---	---	ND	---	0.0242
40	40/41/71	---	---	ND	---	0.0726
41	40/41/71	---	---	ND	---	0.0726
42		27.187	0.82	0.0251	---	0.0242
43	43/73	---	---	ND	---	0.0484
44	44/47/65	26.692	0.79	0.429	---	0.0726
45	45/51	23.737	0.79	0.204	---	0.0484
46		---	---	ND	---	0.0242
47	44/47/65	26.692	0.79	(0.429)	---	0.0726
48		---	---	ND	---	0.0242

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 341 Bridge
Lab Sample ID 10686845006
Filename P240402A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.073	0.78	0.243	---	0.0484
50	50/53	22.902	0.78	0.165	---	0.0484
51	45/51	23.737	0.79	(0.204)	---	0.0484
52		25.547	0.77	0.202	---	0.125
53	50/53	22.902	0.78	(0.165)	---	0.0484
54		20.505	0.75	0.0624	---	0.0242
55		---	---	ND	---	0.0242
56		---	---	ND	---	0.0242
57		---	---	ND	---	0.0242
58		---	---	ND	---	0.0242
59	59/62/75	---	---	ND	---	0.0726
60		---	---	ND	---	0.0242
61	61/70/74/76	---	---	ND	---	0.0968
62	59/62/75	---	---	ND	---	0.0726
63		---	---	ND	---	0.0242
64		---	---	ND	---	0.0242
65	44/47/65	26.692	0.79	(0.429)	---	0.0726
66		31.030	0.84	0.0572	---	0.0571
67		---	---	ND	---	0.0242
68		---	---	ND	---	0.0242
69	49/69	26.073	0.78	(0.243)	---	0.0484
70	61/70/74/76	---	---	ND	---	0.0968
71	40/41/71	---	---	ND	---	0.0726
72		---	---	ND	---	0.0242
73	43/73	---	---	ND	---	0.0484
74	61/70/74/76	---	---	ND	---	0.0968
75	59/62/75	---	---	ND	---	0.0726
76	61/70/74/76	---	---	ND	---	0.0968
77		---	---	ND	---	0.0242
78		---	---	ND	---	0.0242
79		---	---	ND	---	0.0242
80		---	---	ND	---	0.0242
81		---	---	ND	---	0.0242
82		---	---	ND	---	0.0242
83		---	---	ND	---	0.0242
84		30.906	1.60	0.0461	---	0.0242
85	85/116/117	---	---	ND	---	0.0726
86	86/87/97/108/119/125	34.000	1.55	0.160	---	0.145
87	86/87/97/108/119/125	34.000	1.55	(0.160)	---	0.145
88	88/91	30.674	1.56	0.0987	---	0.0484
89		---	---	ND	---	0.0242
90	90/101/113	32.870	1.54	0.413	---	0.0726
91	88/91	30.674	1.56	(0.0987)	---	0.0484
92		32.252	1.58	0.116	---	0.0242
93	93/98/100/102	---	---	ND	---	0.0968
94		---	---	ND	---	0.0242
95		29.746	1.57	0.279	---	0.0678
96		---	---	ND	---	0.0242

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of PaceAnalytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 341 Bridge
Lab Sample ID 10686845006
Filename P240402A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.000	1.55	(0.160)		---	0.145
98	93/98/100/102	---	---	ND		---	0.0968
99		33.489	1.55	0.178		---	0.0242
100	93/98/100/102	---	---	ND		---	0.0968
101	90/101/113	32.870	1.54	(0.413)		---	0.0726
102	93/98/100/102	---	---	ND		---	0.0968
103		29.065	1.60	0.0282		---	0.0242
104		---	---	ND		---	0.0242
105		39.245	1.54	0.0654		---	0.0242
106		---	---	ND		---	0.0242
107	107/124	---	---	ND		---	0.0484
108	86/87/97/108/119/125	34.000	1.55	(0.160)		---	0.145
109		---	---	ND		---	0.0242
110	110/115	34.912	1.52	0.337		---	0.0484
111		---	---	ND		---	0.0242
112		---	---	ND		---	0.0242
113	90/101/113	32.870	1.54	(0.413)		---	0.0726
114		---	---	ND		---	0.0242
115	110/115	34.912	1.52	(0.337)		---	0.0484
116	85/116/117	---	---	ND		---	0.0726
117	85/116/117	---	---	ND		---	0.0726
118		38.038	1.60	0.192	U	---	0.0377
119	86/87/97/108/119/125	34.000	1.55	(0.160)		---	0.145
120		---	---	ND		---	0.0242
121		---	---	ND		---	0.0242
122		---	---	ND		---	0.0242
123		---	---	ND		---	0.0242
124	107/124	---	---	ND		---	0.0484
125	86/87/97/108/119/125	34.000	1.55	(0.160)		---	0.145
126		---	---	ND		---	0.0242
127		---	---	ND		---	0.0242
128	128/166	42.549	1.25	0.0770		---	0.0484
129	129/138/163	41.257	1.25	0.972		---	0.0726
130		40.586	1.27	0.0516		---	0.0242
131		---	---	ND		---	0.0242
132		38.138	1.21	0.237		---	0.0242
133		---	---	ND		---	0.0242
134	134/143	---	---	ND		---	0.0484
135	135/151	35.871	1.24	0.415		---	0.0484
136		33.366	1.29	0.109		---	0.0242
137		---	---	ND		---	0.0242
138	129/138/163	41.257	1.25	(0.972)		---	0.0726
139	139/140	---	---	ND		---	0.0484
140	139/140	---	---	ND		---	0.0484
141		40.167	1.28	0.181		---	0.0242
142		---	---	ND		---	0.0242
143	134/143	---	---	ND		---	0.0484
144		36.475	1.22	0.0368		---	0.0242

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 341 Bridge
Lab Sample ID 10686845006
Filename P240402A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0242
146		39.329	1.21	0.188	---	0.0242
147	147/149	36.847	1.24	0.856	---	0.0484
148		---	---	ND	---	0.0242
149	147/149	36.847	1.24	(0.856)	---	0.0484
150		---	---	ND	---	0.0242
151	135/151	35.871	1.24	(0.415)	---	0.0484
152		---	---	ND	---	0.0242
153	153/168	39.966	1.24	0.960	---	0.0484
154		---	---	ND	---	0.0242
155		---	---	ND	---	0.0242
156	156/157	45.488	1.28	0.0547	---	0.0484
157	156/157	45.488	1.28	(0.0547)	---	0.0484
158		41.643	1.21	0.0675	---	0.0242
159		---	---	ND	---	0.0242
160		---	---	ND	---	0.0242
161		---	---	ND	---	0.0242
162		---	---	ND	---	0.0242
163	129/138/163	41.257	1.25	(0.972)	---	0.0726
164		40.922	1.22	0.0655	---	0.0242
165		---	---	ND	---	0.0242
166	128/166	42.549	1.25	(0.0770)	---	0.0484
167		44.314	1.21	0.0304	---	0.0242
168	153/168	39.966	1.24	(0.960)	---	0.0484
169		---	---	ND	---	0.0242
170		48.204	1.04	0.337	---	0.0242
171	171/173	44.599	1.03	0.105	---	0.0484
172		46.243	0.99	0.0693	---	0.0242
173	171/173	44.599	1.03	(0.105)	---	0.0484
174		43.493	1.02	0.376	---	0.0242
175		---	---	ND	---	0.0242
176		39.832	1.09	0.0428	---	0.0242
177		43.945	1.07	0.242	---	0.0242
178		41.693	1.11	0.0925	---	0.0242
179		38.910	1.05	0.158	---	0.0242
180	180/193	46.913	1.03	0.788	---	0.0484
181		---	---	ND	---	0.0242
182		---	---	ND	---	0.0242
183	183/185	43.275	1.08	0.240	---	0.0484
184		---	---	ND	---	0.0242
185	183/185	43.275	1.08	(0.240)	---	0.0484
186		---	---	ND	---	0.0242
187		42.632	1.03	0.483	---	0.0242
188		---	---	ND	---	0.0242
189		---	---	ND	---	0.0242
190		48.724	1.02	0.0810	---	0.0242
191		---	---	ND	---	0.0242
192		---	---	ND	---	0.0242

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 341 Bridge
Lab Sample ID 10686845006
Filename P240402A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.913	1.03	(0.788)	---	0.0484
194		53.483	0.92	0.183	---	0.0242
195		51.134	0.94	0.0858	---	0.0242
196		49.562	0.86	0.0879	---	0.0242
197	197/200	---	---	ND	---	0.0484
198	198/199	48.892	0.89	0.178	---	0.0484
199	198/199	48.892	0.89	(0.178)	---	0.0484
200	197/200	---	---	ND	---	0.0484
201		---	---	ND	---	0.0242
202		44.063	0.94	0.0366	---	0.0242
203		49.764	0.88	0.114	---	0.0242
204		---	---	ND	---	0.0242
205		---	---	ND	---	0.0242
206		55.703	0.78	0.0418	---	0.0242
207		---	---	ND	---	0.0242
208		---	---	ND	---	0.0242
209		---	---	ND	---	0.0242

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rt. 341 Bridge
Lab Sample ID	10686845006
Filename	P240402A_12

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.261
Total Trichloro Biphenyls	0.332
Total Tetrachloro Biphenyls	1.39
Total Pentachloro Biphenyls	1.91
Total Hexachloro Biphenyls	4.30
Total Heptachloro Biphenyls	3.01
Total Octachloro Biphenyls	0.685
Total Nonachloro Biphenyls	0.0418
DecachloroBiphenyls	ND
Total PCBs	11.9

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Canaan Town Line Bridge		
Lab Sample ID	10686845007		
Filename	P240403A_04		
Injected By	AH5		
Total Amount Extracted	1750 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	03/12/2024 17:30
ICAL ID	P240403A02	Received	03/19/2024 08:50
CCal Filename(s)	P240403A_01	Extracted	03/26/2024 14:00
Method Blank ID	BLANK-111882	Analyzed	04/03/2024 10:55

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.985	3.12	2.0	0.844	42
13C-4-MoCB	3	12.755	3.12	2.0	1.07	54
13C-2,2'-DiCB	4	13.060	1.53	2.0	0.965	48
13C-4,4'-DiCB	15	20.122	1.56	2.0	1.37	68
13C-2,2',6-TrCB	19	16.862	1.03	2.0	1.07	53
13C-3,4,4'-TrCB	37	27.898	1.06	2.0	1.39	69
13C-2,2',6,6'-TeCB	54	20.458	0.80	2.0	0.909	45
13C-3,4,4',5-TeCB	81	35.036	0.81	2.0	1.55	77
13C-3,3',4,4'-TeCB	77	35.624	0.80	2.0	1.59	79
13C-2,2',4,6,6'-PeCB	104	26.568	1.55	2.0	1.07	54
13C-2,3,3',4,4'-PeCB	105	39.228	1.58	2.0	1.52	76
13C-2,3,4,4',5-PeCB	114	38.574	1.60	2.0	1.44	72
13C-2,3',4,4',5-PeCB	118	38.021	1.58	2.0	1.51	75
13C-2,3',4,4',5'-PeCB	123	37.686	1.58	2.0	1.49	74
13C-3,3',4,4',5-PeCB	126	42.414	1.64	2.0	1.47	74
13C-2,2',4,4',6,6'-HxCB	155	32.638	1.27	2.0	1.24	62
13C-HxCB (156/157)	156/157	45.504	1.25	4.0	2.79	70
13C-2,3',4,4',5,5'-HxCB	167	44.313	1.29	2.0	1.50	75
13C-3,3',4,4',5,5'-HxCB	169	48.773	1.28	2.0	1.36	68
13C-2,2',3,4',5,6,6'-HpCB	188	38.557	1.04	2.0	1.53	77
13C-2,3,3',4,4',5,5'-HpCB	189	51.343	1.06	2.0	1.53	77
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.045	0.87	2.0	1.59	79
13C-2,3,3',4,4',5,5',6-OcCB	205	53.951	0.89	2.0	1.47	73
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.696	0.80	2.0	1.51	75
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.847	0.79	2.0	1.68	84
13C-DeCB	209	57.313	0.68	2.0	1.61	80
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.536	1.07	2.0	1.35	68
13C-2,3,3',5,5'-PeCB	111	35.655	1.54	2.0	1.48	74
13C-2,2',3,3',5,5',6-HpCB	178	41.676	1.05	2.0	1.65	82
Recovery Standards						
13C-2,5-DiCB	9	15.502	1.60	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.532	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.855	1.58	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.223	1.25	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.477	0.93	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Canaan Town Line Bridge
Lab Sample ID: 10686845007
Filename: P240403A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0229
2		---	---	ND	---	0.0229
3		---	---	ND	---	0.0229
4		13.083	1.46	0.298	---	0.0229
5		---	---	ND	---	0.0229
6		---	---	ND	---	0.0229
7		---	---	ND	---	0.0229
8		---	---	ND	---	0.0229
9		---	---	ND	---	0.0229
10		---	---	ND	---	0.0229
11		---	---	ND	---	0.224
12	12/13	---	---	ND	---	0.0458
13	12/13	---	---	ND	---	0.0458
14		---	---	ND	---	0.0229
15		---	---	ND	---	0.0302
16		---	---	ND	---	0.0229
17		19.570	1.05	0.0506	---	0.0229
18	18/30	---	---	ND	---	0.0458
19		16.884	1.08	0.240	---	0.0229
20	20/28	---	---	ND	---	0.118
21	21/33	---	---	ND	---	0.124
22		---	---	ND	---	0.0870
23		---	---	ND	---	0.0229
24		---	---	ND	---	0.0229
25		22.871	0.98	0.0231	---	0.0229
26	26/29	---	---	ND	---	0.0458
27		19.813	1.13	0.0394	---	0.0229
28	20/28	---	---	ND	---	0.118
29	26/29	---	---	ND	---	0.0458
30	18/30	---	---	ND	---	0.0458
31		---	---	ND	---	0.119
32		20.675	1.05	0.0625	---	0.0229
33	21/33	---	---	ND	---	0.124
34		---	---	ND	---	0.0229
35		---	---	ND	---	0.0229
36		---	---	ND	---	0.0229
37		---	---	ND	---	0.0485
38		---	---	ND	---	0.0229
39		---	---	ND	---	0.0229
40	40/41/71	27.744	0.78	0.0749	---	0.0687
41	40/41/71	27.744	0.78	(0.0749)	---	0.0687
42		27.218	0.79	0.0308	---	0.0229
43	43/73	---	---	ND	---	0.0458
44	44/47/65	26.692	0.80	0.532	---	0.0687
45	45/51	23.737	0.78	0.279	---	0.0458
46		---	---	ND	---	0.0229
47	44/47/65	26.692	0.80	(0.532)	---	0.0687
48		---	---	ND	---	0.0229

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Canaan Town Line Bridge
Lab Sample ID: 10686845007
Filename: P240403A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.088	0.77	0.320	---	0.0458
50	50/53	22.902	0.81	0.214	---	0.0458
51	45/51	23.737	0.78	(0.279)	---	0.0458
52		25.547	0.80	0.246	---	0.118
53	50/53	22.902	0.81	(0.214)	---	0.0458
54		20.489	0.80	0.0777	---	0.0229
55		---	---	ND	---	0.0229
56		---	---	ND	---	0.0229
57		---	---	ND	---	0.0229
58		---	---	ND	---	0.0229
59	59/62/75	---	---	ND	---	0.0687
60		---	---	ND	---	0.0229
61	61/70/74/76	---	---	ND	---	0.0916
62	59/62/75	---	---	ND	---	0.0687
63		---	---	ND	---	0.0229
64		---	---	ND	---	0.0229
65	44/47/65	26.692	0.80	(0.532)	---	0.0687
66		31.045	0.83	0.0635	---	0.0540
67		---	---	ND	---	0.0229
68		---	---	ND	---	0.0229
69	49/69	26.088	0.77	(0.320)	---	0.0458
70	61/70/74/76	---	---	ND	---	0.0916
71	40/41/71	27.744	0.78	(0.0749)	---	0.0687
72		---	---	ND	---	0.0229
73	43/73	---	---	ND	---	0.0458
74	61/70/74/76	---	---	ND	---	0.0916
75	59/62/75	---	---	ND	---	0.0687
76	61/70/74/76	---	---	ND	---	0.0916
77		---	---	ND	---	0.0229
78		---	---	ND	---	0.0229
79		---	---	ND	---	0.0229
80		---	---	ND	---	0.0229
81		---	---	ND	---	0.0229
82		---	---	ND	---	0.0229
83		---	---	ND	---	0.0229
84		30.906	1.52	0.0511	---	0.0229
85	85/116/117	---	---	ND	---	0.0687
86	86/87/97/108/119/125	34.015	1.52	0.194	---	0.137
87	86/87/97/108/119/125	34.015	1.52	(0.194)	---	0.137
88	88/91	30.689	1.46	0.130	---	0.0458
89		---	---	ND	---	0.0229
90	90/101/113	32.870	1.55	0.525	---	0.0687
91	88/91	30.689	1.46	(0.130)	---	0.0458
92		32.251	1.59	0.143	---	0.0229
93	93/98/100/102	30.009	1.46	0.100	---	0.0916
94		29.313	1.69	0.0237	---	0.0229
95		29.761	1.56	0.349	---	0.0641
96		---	---	ND	---	0.0229

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Canaan Town Line Bridge
Lab Sample ID: 10686845007
Filename: P240403A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.015	1.52	(0.194)	---	0.137
98	93/98/100/102	30.009	1.46	(0.100)	---	0.0916
99		33.489	1.62	0.234	---	0.0229
100	93/98/100/102	30.009	1.46	(0.100)	---	0.0916
101	90/101/113	32.870	1.55	(0.525)	---	0.0687
102	93/98/100/102	30.009	1.46	(0.100)	---	0.0916
103		29.065	1.48	0.0367	---	0.0229
104		---	---	ND	---	0.0229
105		39.262	1.58	0.0665	---	0.0229
106		---	---	ND	---	0.0229
107	107/124	---	---	ND	---	0.0458
108	86/87/97/108/119/125	34.015	1.52	(0.194)	---	0.137
109		37.568	1.75	0.0243	---	0.0229
110	110/115	34.928	1.52	0.410	---	0.0458
111		---	---	ND	---	0.0229
112		---	---	ND	---	0.0229
113	90/101/113	32.870	1.55	(0.525)	---	0.0687
114		---	---	ND	---	0.0229
115	110/115	34.928	1.52	(0.410)	---	0.0458
116	85/116/117	---	---	ND	---	0.0687
117	85/116/117	---	---	ND	---	0.0687
118		38.054	1.56	0.217	---	0.0357
119	86/87/97/108/119/125	34.015	1.52	(0.194)	---	0.137
120		---	---	ND	---	0.0229
121		---	---	ND	---	0.0229
122		---	---	ND	---	0.0229
123		---	---	ND	---	0.0229
124	107/124	---	---	ND	---	0.0458
125	86/87/97/108/119/125	34.015	1.52	(0.194)	---	0.137
126		---	---	ND	---	0.0229
127		---	---	ND	---	0.0229
128	128/166	42.548	1.25	0.0974	---	0.0458
129	129/138/163	41.257	1.25	1.25	---	0.0687
130		40.603	1.12	0.0570	---	0.0229
131		---	---	ND	---	0.0229
132		38.155	1.24	0.312	---	0.0229
133		38.675	1.19	0.0315	---	0.0229
134	134/143	37.065	1.41	0.0539	---	0.0458
135	135/151	35.887	1.24	0.560	---	0.0458
136		33.381	1.17	0.155	---	0.0229
137		---	---	ND	---	0.0229
138	129/138/163	41.257	1.25	(1.25)	---	0.0687
139	139/140	---	---	ND	---	0.0458
140	139/140	---	---	ND	---	0.0458
141		40.167	1.24	0.247	---	0.0229
142		---	---	ND	---	0.0229
143	134/143	37.065	1.41	(0.0539)	---	0.0458
144		36.490	1.19	0.0534	---	0.0229

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Canaan Town Line Bridge
Lab Sample ID: 10686845007
Filename: P240403A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0229
146		39.345	1.23	0.246	---	0.0229
147	147/149	36.864	1.22	1.16	---	0.0458
148		---	---	ND	---	0.0229
149	147/149	36.864	1.22	(1.16)	---	0.0458
150		---	---	ND	---	0.0229
151	135/151	35.887	1.24	(0.560)	---	0.0458
152		---	---	ND	---	0.0229
153	153/168	39.982	1.25	1.26	---	0.0458
154		36.181	1.26	0.0346	---	0.0229
155		---	---	ND	---	0.0229
156	156/157	45.487	1.25	0.0677	---	0.0458
157	156/157	45.487	1.25	(0.0677)	---	0.0458
158		41.659	1.29	0.0853	---	0.0229
159		---	---	ND	---	0.0229
160		---	---	ND	---	0.0229
161		---	---	ND	---	0.0229
162		---	---	ND	---	0.0229
163	129/138/163	41.257	1.25	(1.25)	---	0.0687
164		40.938	1.28	0.0851	---	0.0229
165		---	---	ND	---	0.0229
166	128/166	42.548	1.25	(0.0974)	---	0.0458
167		44.330	1.28	0.0361	---	0.0229
168	153/168	39.982	1.25	(1.26)	---	0.0458
169		---	---	ND	---	0.0229
170		48.203	1.05	0.418	---	0.0229
171	171/173	44.615	1.03	0.133	---	0.0458
172		46.258	1.01	0.0921	---	0.0229
173	171/173	44.615	1.03	(0.133)	---	0.0458
174		43.508	1.03	0.481	---	0.0229
175		---	---	ND	---	0.0229
176		39.848	1.03	0.0615	---	0.0229
177		43.961	1.07	0.317	---	0.0229
178		41.709	1.03	0.126	---	0.0229
179		38.926	1.03	0.225	---	0.0229
180	180/193	46.912	1.05	1.01	---	0.0458
181		---	---	ND	---	0.0229
182		---	---	ND	---	0.0229
183	183/185	43.274	1.00	0.330	---	0.0458
184		---	---	ND	---	0.0229
185	183/185	43.274	1.00	(0.330)	---	0.0458
186		---	---	ND	---	0.0229
187		42.631	1.03	0.639	---	0.0229
188		---	---	ND	---	0.0229
189		---	---	ND	---	0.0229
190		48.756	1.00	0.0943	---	0.0229
191		---	---	ND	---	0.0229
192		---	---	ND	---	0.0229

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Canaan Town Line Bridge
Lab Sample ID: 10686845007
Filename: P240403A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.912	1.05	(1.01)	---	0.0458
194		53.498	0.93	0.219	---	0.0229
195		51.127	0.87	0.106	---	0.0229
196		49.561	0.89	0.115	---	0.0229
197	197/200	---	---	ND	---	0.0458
198	198/199	48.907	0.88	0.268	---	0.0458
199	198/199	48.907	0.88	(0.268)	---	0.0458
200	197/200	---	---	ND	---	0.0458
201		45.034	0.88	0.0280	---	0.0229
202		44.078	0.89	0.0495	---	0.0229
203		49.779	0.92	0.153	---	0.0229
204		---	---	ND	---	0.0229
205		---	---	ND	---	0.0229
206		55.718	0.85	0.0541	---	0.0229
207		---	---	ND	---	0.0229
208		---	---	ND	---	0.0229
209		---	---	ND	---	0.0229

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Canaan Town Line Bridge
Lab Sample ID	10686845007
Filename	P240403A_04

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.298
Total Trichloro Biphenyls	0.415
Total Tetrachloro Biphenyls	1.84
Total Pentachloro Biphenyls	2.50
Total Hexachloro Biphenyls	5.80
Total Heptachloro Biphenyls	3.93
Total Octachloro Biphenyls	0.938
Total Nonachloro Biphenyls	0.0541
DecachloroBiphenyls	ND
Total PCBs	15.8

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Falls Village Dam		
Lab Sample ID	10686845008		
Filename	P240403A_05		
Injected By	AH5		
Total Amount Extracted	1630 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	03/13/2024 13:00
ICAL ID	P240403A02	Received	03/19/2024 08:50
CCal Filename(s)	P240403A_01	Extracted	03/26/2024 14:00
Method Blank ID	BLANK-111882	Analyzed	04/03/2024 11:58

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.007	3.13	2.0	0.655	33
13C-4-MoCB	3	12.767	3.08	2.0	0.825	41
13C-2,2'-DiCB	4	13.072	1.49	2.0	0.725	36
13C-4,4'-DiCB	15	20.124	1.58	2.0	1.15	57
13C-2,2',6-TrCB	19	16.874	1.06	2.0	0.810	41
13C-3,4,4'-TrCB	37	27.901	1.07	2.0	1.26	63
13C-2,2',6,6'-TeCB	54	20.475	0.80	2.0	0.715	36
13C-3,4,4',5-TeCB	81	35.040	0.83	2.0	1.45	73
13C-3,3',4,4'-TeCB	77	35.612	0.81	2.0	1.50	75
13C-2,2',4,6,6'-PeCB	104	26.586	1.54	2.0	0.873	44
13C-2,3,3',4,4'-PeCB	105	39.249	1.59	2.0	1.47	73
13C-2,3,4,4',5-PeCB	114	38.579	1.61	2.0	1.41	70
13C-2,3',4,4',5-PeCB	118	38.025	1.59	2.0	1.46	73
13C-2,3',4,4',5'-PeCB	123	37.690	1.58	2.0	1.48	74
13C-3,3',4,4',5-PeCB	126	42.419	1.63	2.0	1.45	72
13C-2,2',4,4',6,6'-HxCB	155	32.642	1.25	2.0	1.01	51
13C-HxCB (156/157)	156/157	45.492	1.29	4.0	2.73	68
13C-2,3',4,4',5,5'-HxCB	167	44.319	1.27	2.0	1.45	73
13C-3,3',4,4',5,5'-HxCB	169	48.796	1.26	2.0	1.32	66
13C-2,2',3,4',5,6,6'-HpCB	188	38.562	1.05	2.0	1.41	71
13C-2,3,3',4,4',5,5'-HpCB	189	51.354	1.12	2.0	1.51	76
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.067	0.89	2.0	1.54	77
13C-2,3,3',4,4',5,5',6-OcCB	205	53.962	0.89	2.0	1.41	70
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.708	0.81	2.0	1.45	72
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.858	0.79	2.0	1.62	81
13C-DeCB	209	57.324	0.71	2.0	1.49	75
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.538	1.08	2.0	1.21	60
13C-2,3,3',5,5'-PeCB	111	35.659	1.56	2.0	1.35	68
13C-2,2',3,3',5,5',6-HpCB	178	41.681	1.02	2.0	1.48	74
Recovery Standards						
13C-2,5-DiCB	9	15.526	1.59	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.534	0.76	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.858	1.60	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.228	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.466	0.91	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10686845008
Filename	P240403A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.019	3.16	0.0292	---	0.0245
2		---	---	ND	---	0.0245
3		---	---	ND	---	0.0245
4		13.095	1.51	0.401	---	0.0245
5		---	---	ND	---	0.0245
6		---	---	ND	---	0.0245
7		---	---	ND	---	0.0245
8		---	---	ND	---	0.0245
9		---	---	ND	---	0.0245
10		---	---	ND	---	0.0245
11		---	---	ND	---	0.240
12	12/13	---	---	ND	---	0.0489
13	12/13	---	---	ND	---	0.0489
14		---	---	ND	---	0.0245
15		---	---	ND	---	0.0323
16		---	---	ND	---	0.0245
17		19.571	1.04	0.0616	---	0.0245
18	18/30	---	---	ND	---	0.0489
19		16.885	1.07	0.324	---	0.0245
20	20/28	---	---	ND	---	0.126
21	21/33	---	---	ND	---	0.132
22		---	---	ND	---	0.0930
23		---	---	ND	---	0.0245
24		---	---	ND	---	0.0245
25		22.904	1.03	0.0310	---	0.0245
26	26/29	---	---	ND	---	0.0489
27		19.814	1.12	0.0454	---	0.0245
28	20/28	---	---	ND	---	0.126
29	26/29	---	---	ND	---	0.0489
30	18/30	---	---	ND	---	0.0489
31		---	---	ND	---	0.127
32		20.692	1.05	0.0761	---	0.0245
33	21/33	---	---	ND	---	0.132
34		---	---	ND	---	0.0245
35		---	---	ND	---	0.0245
36		---	---	ND	---	0.0245
37		---	---	ND	---	0.0519
38		---	---	ND	---	0.0245
39		---	---	ND	---	0.0245
40	40/41/71	27.746	0.78	0.0854	---	0.0734
41	40/41/71	27.746	0.78	(0.0854)	---	0.0734
42		27.220	0.88	0.0341	---	0.0245
43	43/73	---	---	ND	---	0.0489
44	44/47/65	26.710	0.78	0.625	---	0.0734
45	45/51	23.755	0.76	0.319	---	0.0489
46		---	---	ND	---	0.0245
47	44/47/65	26.710	0.78	(0.625)	---	0.0734
48		---	---	ND	---	0.0245

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10686845008
Filename	P240403A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.091	0.79	0.367	---	0.0489
50	50/53	22.920	0.79	0.256	---	0.0489
51	45/51	23.755	0.76	(0.319)	---	0.0489
52		25.565	0.80	0.270	---	0.126
53	50/53	22.920	0.79	(0.256)	---	0.0489
54		20.490	0.76	0.107	---	0.0245
55		---	---	ND	---	0.0245
56		---	---	ND	---	0.0245
57		---	---	ND	---	0.0245
58		---	---	ND	---	0.0245
59	59/62/75	---	---	ND	---	0.0734
60		---	---	ND	---	0.0245
61	61/70/74/76	---	---	ND	---	0.0979
62	59/62/75	---	---	ND	---	0.0734
63		---	---	ND	---	0.0245
64		---	---	ND	---	0.0245
65	44/47/65	26.710	0.78	(0.625)	---	0.0734
66		31.048	0.85	0.0667	---	0.0577
67		---	---	ND	---	0.0245
68		---	---	ND	---	0.0245
69	49/69	26.091	0.79	(0.367)	---	0.0489
70	61/70/74/76	---	---	ND	---	0.0979
71	40/41/71	27.746	0.78	(0.0854)	---	0.0734
72		---	---	ND	---	0.0245
73	43/73	---	---	ND	---	0.0489
74	61/70/74/76	---	---	ND	---	0.0979
75	59/62/75	---	---	ND	---	0.0734
76	61/70/74/76	---	---	ND	---	0.0979
77		---	---	ND	---	0.0245
78		---	---	ND	---	0.0245
79		---	---	ND	---	0.0245
80		---	---	ND	---	0.0245
81		---	---	ND	---	0.0245
82		---	---	ND	---	0.0245
83		---	---	ND	---	0.0245
84		30.924	1.55	0.0519	---	0.0245
85	85/116/117	---	---	ND	---	0.0734
86	86/87/97/108/119/125	34.019	1.60	0.179	---	0.147
87	86/87/97/108/119/125	34.019	1.60	(0.179)	---	0.147
88	88/91	30.692	1.58	0.139	---	0.0489
89		---	---	ND	---	0.0245
90	90/101/113	32.889	1.57	0.538	---	0.0734
91	88/91	30.692	1.58	(0.139)	---	0.0489
92		32.270	1.65	0.152	---	0.0245
93	93/98/100/102	30.027	1.55	0.113	---	0.0979
94		---	---	ND	---	0.0245
95		29.779	1.53	0.361	---	0.0685
96		---	---	ND	---	0.0245

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Falls Village Dam
Lab Sample ID: 10686845008
Filename: P240403A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.019	1.60	(0.179)	---	0.147
98	93/98/100/102	30.027	1.55	(0.113)	---	0.0979
99		33.493	1.50	0.230	---	0.0245
100	93/98/100/102	30.027	1.55	(0.113)	---	0.0979
101	90/101/113	32.889	1.57	(0.538)	---	0.0734
102	93/98/100/102	30.027	1.55	(0.113)	---	0.0979
103		29.068	1.39	0.0408	---	0.0245
104		---	---	ND	---	0.0245
105		39.266	1.68	0.0534	---	0.0245
106		---	---	ND	---	0.0245
107	107/124	---	---	ND	---	0.0489
108	86/87/97/108/119/125	34.019	1.60	(0.179)	---	0.147
109		---	---	ND	---	0.0245
110	110/115	34.931	1.54	0.394	---	0.0489
111		---	---	ND	---	0.0245
112		---	---	ND	---	0.0245
113	90/101/113	32.889	1.57	(0.538)	---	0.0734
114		---	---	ND	---	0.0245
115	110/115	34.931	1.54	(0.394)	---	0.0489
116	85/116/117	---	---	ND	---	0.0734
117	85/116/117	---	---	ND	---	0.0734
118		38.059	1.57	0.196	---	0.0382
119	86/87/97/108/119/125	34.019	1.60	(0.179)	---	0.147
120		---	---	ND	---	0.0245
121		---	---	ND	---	0.0245
122		---	---	ND	---	0.0245
123		---	---	ND	---	0.0245
124	107/124	---	---	ND	---	0.0489
125	86/87/97/108/119/125	34.019	1.60	(0.179)	---	0.147
126		---	---	ND	---	0.0245
127		---	---	ND	---	0.0245
128	128/166	42.553	1.26	0.0907	---	0.0489
129	129/138/163	41.262	1.23	1.38	---	0.0734
130		40.591	1.25	0.0658	---	0.0245
131		---	---	ND	---	0.0245
132		38.160	1.25	0.332	---	0.0245
133		38.679	1.24	0.0343	---	0.0245
134	134/143	37.069	1.28	0.0568	---	0.0489
135	135/151	35.891	1.25	0.624	---	0.0489
136		33.384	1.25	0.166	---	0.0245
137		---	---	ND	---	0.0245
138	129/138/163	41.262	1.23	(1.38)	---	0.0734
139	139/140	---	---	ND	---	0.0489
140	139/140	---	---	ND	---	0.0489
141		40.172	1.24	0.270	---	0.0245
142		---	---	ND	---	0.0245
143	134/143	37.069	1.28	(0.0568)	---	0.0489
144		36.479	1.17	0.0593	---	0.0245

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10686845008
Filename	P240403A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0245
146		39.350	1.26	0.275	---	0.0245
147	147/149	36.868	1.21	1.27	---	0.0489
148		---	---	ND	---	0.0245
149	147/149	36.868	1.21	(1.27)	---	0.0489
150		---	---	ND	---	0.0245
151	135/151	35.891	1.25	(0.624)	---	0.0489
152		---	---	ND	---	0.0245
153	153/168	39.987	1.26	1.40	---	0.0489
154		36.185	1.35	0.0364	---	0.0245
155		---	---	ND	---	0.0245
156	156/157	45.492	1.25	0.0662	---	0.0489
157	156/157	45.492	1.25	(0.0662)	---	0.0489
158		41.664	1.19	0.0900	---	0.0245
159		---	---	ND	---	0.0245
160		---	---	ND	---	0.0245
161		---	---	ND	---	0.0245
162		---	---	ND	---	0.0245
163	129/138/163	41.262	1.23	(1.38)	---	0.0734
164		40.943	1.23	0.0926	---	0.0245
165		---	---	ND	---	0.0245
166	128/166	42.553	1.26	(0.0907)	---	0.0489
167		44.335	1.27	0.0407	---	0.0245
168	153/168	39.987	1.26	(1.40)	---	0.0489
169		---	---	ND	---	0.0245
170		48.209	1.02	0.493	---	0.0245
171	171/173	44.620	1.10	0.156	---	0.0489
172		46.247	1.03	0.103	---	0.0245
173	171/173	44.620	1.10	(0.156)	---	0.0489
174		43.514	1.02	0.570	---	0.0245
175		---	---	ND	---	0.0245
176		39.853	1.03	0.0664	---	0.0245
177		43.966	1.05	0.370	---	0.0245
178		41.715	1.01	0.144	---	0.0245
179		38.931	1.00	0.253	---	0.0245
180	180/193	46.934	1.04	1.16	---	0.0489
181		---	---	ND	---	0.0245
182		---	---	ND	---	0.0245
183	183/185	43.279	1.04	0.376	---	0.0489
184		---	---	ND	---	0.0245
185	183/185	43.279	1.04	(0.376)	---	0.0489
186		---	---	ND	---	0.0245
187		42.653	1.03	0.727	---	0.0245
188		---	---	ND	---	0.0245
189		---	---	ND	---	0.0245
190		48.745	1.00	0.115	---	0.0245
191		---	---	ND	---	0.0245
192		---	---	ND	---	0.0245

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10686845008
Filename	P240403A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.934	1.04	(1.16)	---	0.0489
194		53.509	0.89	0.260	---	0.0245
195		51.139	0.97	0.128	---	0.0245
196		49.584	0.91	0.130	---	0.0245
197	197/200	46.063	0.89	0.0496	---	0.0489
198	198/199	48.913	0.90	0.300	---	0.0489
199	198/199	48.913	0.90	(0.300)	---	0.0489
200	197/200	46.063	0.89	(0.0496)	---	0.0489
201		45.040	0.91	0.0345	---	0.0245
202		44.084	0.89	0.0572	---	0.0245
203		49.785	0.88	0.169	---	0.0245
204		---	---	ND	---	0.0245
205		---	---	ND	---	0.0245
206		55.729	0.75	0.0627	---	0.0245
207		---	---	ND	---	0.0245
208		---	---	ND	---	0.0245
209		---	---	ND	---	0.0245

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10686845008
Filename	P240403A_05

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0292
Total Dichloro Biphenyls	0.401
Total Trichloro Biphenyls	0.538
Total Tetrachloro Biphenyls	2.13
Total Pentachloro Biphenyls	2.45
Total Hexachloro Biphenyls	6.35
Total Heptachloro Biphenyls	4.54
Total Octachloro Biphenyls	1.13
Total Nonachloro Biphenyls	0.0627
DecachloroBiphenyls	ND
Total PCBs	17.6

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rannapo Rd Bridge		
Lab Sample ID	10686845009		
Filename	P240403A_06		
Injected By	AH5		
Total Amount Extracted	1720 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	03/13/2024 14:30
ICAL ID	P240403A02	Received	03/19/2024 08:50
CCal Filename(s)	P240403A_01	Extracted	03/26/2024 14:00
Method Blank ID	BLANK-111882	Analyzed	04/03/2024 13:02

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.064	3.00	2.0	0.788	39
13C-4-MoCB	3	12.800	3.15	2.0	0.987	49
13C-2,2'-DiCB	4	13.106	1.52	2.0	0.847	42
13C-4,4'-DiCB	15	20.133	1.55	2.0	1.32	66
13C-2,2',6-TrCB	19	16.884	1.07	2.0	0.917	46
13C-3,4,4'-TrCB	37	27.899	1.06	2.0	1.46	73
13C-2,2',6,6'-TeCB	54	20.473	0.79	2.0	0.855	43
13C-3,4,4',5-TeCB	81	35.036	0.81	2.0	1.63	81
13C-3,3',4,4'-TeCB	77	35.608	0.81	2.0	1.66	83
13C-2,2',4,6,6'-PeCB	104	26.568	1.54	2.0	1.00	50
13C-2,3,3',4,4'-PeCB	105	39.245	1.60	2.0	1.59	80
13C-2,3,4,4',5-PeCB	114	38.574	1.63	2.0	1.53	76
13C-2,3',4,4',5-PeCB	118	38.021	1.62	2.0	1.56	78
13C-2,3',4,4',5'-PeCB	123	37.686	1.57	2.0	1.61	80
13C-3,3',4,4',5-PeCB	126	42.413	1.63	2.0	1.56	78
13C-2,2',4,4',6,6'-HxCB	155	32.638	1.26	2.0	1.15	58
13C-HxCB (156/157)	156/157	45.487	1.28	4.0	2.86	71
13C-2,3',4,4',5,5'-HxCB	167	44.313	1.30	2.0	1.53	77
13C-3,3',4,4',5,5'-HxCB	169	48.790	1.28	2.0	1.39	69
13C-2,2',3,4',5,6,6'-HpCB	188	38.557	1.05	2.0	1.48	74
13C-2,3,3',4,4',5,5'-HpCB	189	51.343	1.11	2.0	1.55	77
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.062	0.88	2.0	1.55	78
13C-2,3,3',4,4',5,5',6-OcCB	205	53.951	0.88	2.0	1.45	72
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.696	0.78	2.0	1.48	74
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.847	0.80	2.0	1.65	83
13C-DeCB	209	57.313	0.72	2.0	1.56	78
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.536	1.08	2.0	1.50	75
13C-2,3,3',5,5'-PeCB	111	35.655	1.57	2.0	1.55	78
13C-2,2',3,3',5,5',6-HpCB	178	41.676	1.04	2.0	1.63	82
Recovery Standards						
13C-2,5-DiCB	9	15.536	1.60	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.532	0.80	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.855	1.58	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.223	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.477	0.91	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Rannapo Rd Bridge
Lab Sample ID: 10686845009
Filename: P240403A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L		EML ng/L
1		10.075	3.14	0.0332		---		0.0233
2		---	---	ND		---		0.0233
3		---	---	ND		---		0.0233
4		13.128	1.51	0.477		---		0.0233
5		16.563	1.17	---	I	0.0272	UX	0.0233
6		---	---	ND		---		0.0233
7		---	---	ND		---		0.0233
8		---	---	ND		---		0.0233
9		---	---	ND		---		0.0233
10		---	---	ND		---		0.0233
11		---	---	ND		---		0.228
12	12/13	---	---	ND		---		0.0466
13	12/13	---	---	ND		---		0.0466
14		---	---	ND		---		0.0233
15		20.156	1.45	0.0356		---		0.0307
16		---	---	ND		---		0.0233
17		19.581	1.05	0.0733		---		0.0233
18	18/30	19.094	1.05	0.0514		---		0.0466
19		16.906	1.06	0.395		---		0.0233
20	20/28	---	---	ND		---		0.120
21	21/33	---	---	ND		---		0.126
22		---	---	ND		---		0.0885
23		---	---	ND		---		0.0233
24		---	---	ND		---		0.0233
25		22.887	1.09	0.0342		---		0.0233
26	26/29	---	---	ND		---		0.0466
27		19.813	1.07	0.0576		---		0.0233
28	20/28	---	---	ND		---		0.120
29	26/29	---	---	ND		---		0.0466
30	18/30	19.094	1.05	(0.0514)		---		0.0466
31		---	---	ND		---		0.121
32		20.690	1.06	0.0931		---		0.0233
33	21/33	---	---	ND		---		0.126
34		---	---	ND		---		0.0233
35		---	---	ND		---		0.0233
36		---	---	ND		---		0.0233
37		---	---	ND		---		0.0494
38		---	---	ND		---		0.0233
39		---	---	ND		---		0.0233
40	40/41/71	27.744	0.78	0.0977		---		0.0699
41	40/41/71	27.744	0.78	(0.0977)		---		0.0699
42		27.202	0.80	0.0384		---		0.0233
43	43/73	---	---	ND		---		0.0466
44	44/47/65	26.707	0.77	0.689		---		0.0699
45	45/51	23.753	0.79	0.384		---		0.0466
46		---	---	ND		---		0.0233
47	44/47/65	26.707	0.77	(0.689)		---		0.0699
48		---	---	ND		---		0.0233

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rannapo Rd Bridge
Lab Sample ID 10686845009
Filename P240403A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.089	0.80	0.406	---	0.0466
50	50/53	22.917	0.80	0.298	---	0.0466
51	45/51	23.753	0.79	(0.384)	---	0.0466
52		25.563	0.77	0.318	---	0.120
53	50/53	22.917	0.80	(0.298)	---	0.0466
54		20.489	0.82	0.126	---	0.0233
55		---	---	ND	---	0.0233
56		---	---	ND	---	0.0233
57		---	---	ND	---	0.0233
58		---	---	ND	---	0.0233
59	59/62/75	---	---	ND	---	0.0699
60		---	---	ND	---	0.0233
61	61/70/74/76	30.689	0.80	0.0932	---	0.0932
62	59/62/75	---	---	ND	---	0.0699
63		---	---	ND	---	0.0233
64		---	---	ND	---	0.0233
65	44/47/65	26.707	0.77	(0.689)	---	0.0699
66		31.060	0.79	0.0761	---	0.0550
67		---	---	ND	---	0.0233
68		---	---	ND	---	0.0233
69	49/69	26.089	0.80	(0.406)	---	0.0466
70	61/70/74/76	30.689	0.80	(0.0932)	---	0.0932
71	40/41/71	27.744	0.78	(0.0977)	---	0.0699
72		---	---	ND	---	0.0233
73	43/73	---	---	ND	---	0.0466
74	61/70/74/76	30.689	0.80	(0.0932)	---	0.0932
75	59/62/75	---	---	ND	---	0.0699
76	61/70/74/76	30.689	0.80	(0.0932)	---	0.0932
77		---	---	ND	---	0.0233
78		---	---	ND	---	0.0233
79		---	---	ND	---	0.0233
80		---	---	ND	---	0.0233
81		---	---	ND	---	0.0233
82		---	---	ND	---	0.0233
83		---	---	ND	---	0.0233
84		30.921	1.65	0.0567	---	0.0233
85	85/116/117	---	---	ND	---	0.0699
86	86/87/97/108/119/125	34.000	1.50	0.210	---	0.140
87	86/87/97/108/119/125	34.000	1.50	(0.210)	---	0.140
88	88/91	30.689	1.56	0.148	---	0.0466
89		---	---	ND	---	0.0233
90	90/101/113	32.870	1.55	0.577	---	0.0699
91	88/91	30.689	1.56	(0.148)	---	0.0466
92		32.252	1.58	0.157	---	0.0233
93	93/98/100/102	30.009	1.41	0.122	---	0.0932
94		29.297	1.53	0.0269	---	0.0233
95		29.761	1.56	0.405	---	0.0652
96		---	---	ND	---	0.0233

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rannapo Rd Bridge
Lab Sample ID 10686845009
Filename P240403A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.000	1.50	(0.210)	---	0.140
98	93/98/100/102	30.009	1.41	(0.122)	---	0.0932
99		33.489	1.52	0.244	---	0.0233
100	93/98/100/102	30.009	1.41	(0.122)	---	0.0932
101	90/101/113	32.870	1.55	(0.577)	---	0.0699
102	93/98/100/102	30.009	1.41	(0.122)	---	0.0932
103		29.080	1.51	0.0436	---	0.0233
104		---	---	ND	---	0.0233
105		39.262	1.58	0.0637	---	0.0233
106		---	---	ND	---	0.0233
107	107/124	---	---	ND	---	0.0466
108	86/87/97/108/119/125	34.000	1.50	(0.210)	---	0.140
109		37.602	1.64	0.0259	---	0.0233
110	110/115	34.943	1.56	0.429	---	0.0466
111		---	---	ND	---	0.0233
112		---	---	ND	---	0.0233
113	90/101/113	32.870	1.55	(0.577)	---	0.0699
114		---	---	ND	---	0.0233
115	110/115	34.943	1.56	(0.429)	---	0.0466
116	85/116/117	---	---	ND	---	0.0699
117	85/116/117	---	---	ND	---	0.0699
118		38.054	1.67	0.219	---	0.0363
119	86/87/97/108/119/125	34.000	1.50	(0.210)	---	0.140
120		---	---	ND	---	0.0233
121		---	---	ND	---	0.0233
122		---	---	ND	---	0.0233
123		---	---	ND	---	0.0233
124	107/124	---	---	ND	---	0.0466
125	86/87/97/108/119/125	34.000	1.50	(0.210)	---	0.140
126		---	---	ND	---	0.0233
127		---	---	ND	---	0.0233
128	128/166	42.564	1.28	0.0995	---	0.0466
129	129/138/163	41.257	1.26	1.26	---	0.0699
130		40.586	1.08	0.0604	---	0.0233
131		---	---	ND	---	0.0233
132		38.155	1.26	0.313	---	0.0233
133		38.675	1.27	0.0322	---	0.0233
134	134/143	37.065	1.25	0.0560	---	0.0466
135	135/151	35.887	1.20	0.600	---	0.0466
136		33.381	1.18	0.163	---	0.0233
137		---	---	ND	---	0.0233
138	129/138/163	41.257	1.26	(1.26)	---	0.0699
139	139/140	---	---	ND	---	0.0466
140	139/140	---	---	ND	---	0.0466
141		40.167	1.24	0.258	---	0.0233
142		---	---	ND	---	0.0233
143	134/143	37.065	1.25	(0.0560)	---	0.0466
144		36.490	1.17	0.0568	---	0.0233

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Rannapo Rd Bridge
Lab Sample ID: 10686845009
Filename: P240403A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0233
146		39.345	1.25	0.247	---	0.0233
147	147/149	36.864	1.25	1.20	---	0.0466
148		---	---	ND	---	0.0233
149	147/149	36.864	1.25	(1.20)	---	0.0466
150		---	---	ND	---	0.0233
151	135/151	35.887	1.20	(0.600)	---	0.0466
152		---	---	ND	---	0.0233
153	153/168	39.982	1.24	1.29	---	0.0466
154		36.181	1.23	0.0359	---	0.0233
155		---	---	ND	---	0.0233
156	156/157	45.504	1.20	0.0635	---	0.0466
157	156/157	45.504	1.20	(0.0635)	---	0.0466
158		41.659	1.20	0.0837	---	0.0233
159		---	---	ND	---	0.0233
160		---	---	ND	---	0.0233
161		---	---	ND	---	0.0233
162		---	---	ND	---	0.0233
163	129/138/163	41.257	1.26	(1.26)	---	0.0699
164		40.938	1.22	0.0862	---	0.0233
165		---	---	ND	---	0.0233
166	128/166	42.564	1.28	(0.0995)	---	0.0466
167		44.330	1.27	0.0364	---	0.0233
168	153/168	39.982	1.24	(1.29)	---	0.0466
169		---	---	ND	---	0.0233
170		48.203	1.05	0.417	---	0.0233
171	171/173	44.598	1.12	0.131	---	0.0466
172		46.241	1.12	0.0861	---	0.0233
173	171/173	44.598	1.12	(0.131)	---	0.0466
174		43.508	1.03	0.479	---	0.0233
175		---	---	ND	---	0.0233
176		39.848	1.03	0.0581	---	0.0233
177		43.961	1.00	0.316	---	0.0233
178		41.709	1.05	0.121	---	0.0233
179		38.926	1.02	0.222	---	0.0233
180	180/193	46.929	1.02	0.980	---	0.0466
181		---	---	ND	---	0.0233
182		---	---	ND	---	0.0233
183	183/185	43.274	1.05	0.323	---	0.0466
184		---	---	ND	---	0.0233
185	183/185	43.274	1.05	(0.323)	---	0.0466
186		---	---	ND	---	0.0233
187		42.631	1.03	0.614	---	0.0233
188		---	---	ND	---	0.0233
189		---	---	ND	---	0.0233
190		48.756	1.04	0.0975	---	0.0233
191		---	---	ND	---	0.0233
192		---	---	ND	---	0.0233

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Rannapo Rd Bridge
Lab Sample ID: 10686845009
Filename: P240403A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.929	1.02	(0.980)	---	0.0466
194		53.498	0.88	0.204	---	0.0233
195		51.127	0.86	0.101	---	0.0233
196		49.578	0.94	0.104	---	0.0233
197	197/200	---	---	ND	---	0.0466
198	198/199	48.907	0.91	0.240	---	0.0466
199	198/199	48.907	0.91	(0.240)	---	0.0466
200	197/200	---	---	ND	---	0.0466
201		45.017	0.80	0.0255	---	0.0233
202		44.095	0.83	0.0445	---	0.0233
203		49.779	0.92	0.143	---	0.0233
204		---	---	ND	---	0.0233
205		---	---	ND	---	0.0233
206		55.718	0.87	0.0505	---	0.0233
207		---	---	ND	---	0.0233
208		---	---	ND	---	0.0233
209		---	---	ND	---	0.0233

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rannapo Rd Bridge
Lab Sample ID	10686845009
Filename	P240403A_06

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0332
Total Dichloro Biphenyls	0.512
Total Trichloro Biphenyls	0.705
Total Tetrachloro Biphenyls	2.53
Total Pentachloro Biphenyls	2.73
Total Hexachloro Biphenyls	5.94
Total Heptachloro Biphenyls	3.85
Total Octachloro Biphenyls	0.862
Total Nonachloro Biphenyls	0.0505
DecachloroBiphenyls	ND
Total PCBs	17.2

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rising Pond Dam		
Lab Sample ID	10686845010		
Filename	P240403A_07		
Injected By	AH5		
Total Amount Extracted	1930 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	03/13/2024 16:30
ICAL ID	P240403A02	Received	03/19/2024 08:50
CCal Filename(s)	P240403A_01	Extracted	03/26/2024 14:00
Method Blank ID	BLANK-111882	Analyzed	04/03/2024 14:05

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.098	2.96	2.0	0.727	36
13C-4-MoCB	3	12.834	3.07	2.0	0.914	46
13C-2,2'-DiCB	4	13.139	1.52	2.0	0.782	39
13C-4,4'-DiCB	15	20.145	1.62	2.0	1.25	63
13C-2,2',6-TrCB	19	16.906	1.06	2.0	0.856	43
13C-3,4,4'-TrCB	37	27.898	1.08	2.0	1.44	72
13C-2,2',6,6'-TeCB	54	20.489	0.79	2.0	0.759	38
13C-3,4,4',5-TeCB	81	35.051	0.81	2.0	1.65	83
13C-3,3',4,4'-TeCB	77	35.624	0.82	2.0	1.71	86
13C-2,2',4,6,6'-PeCB	104	26.583	1.53	2.0	0.890	45
13C-2,3,3',4,4'-PeCB	105	39.245	1.59	2.0	1.64	82
13C-2,3,4,4',5-PeCB	114	38.591	1.64	2.0	1.60	80
13C-2,3',4,4',5-PeCB	118	38.037	1.60	2.0	1.66	83
13C-2,3',4,4',5'-PeCB	123	37.702	1.59	2.0	1.64	82
13C-3,3',4,4',5-PeCB	126	42.414	1.60	2.0	1.65	83
13C-2,2',4,4',6,6'-HxCB	155	32.638	1.26	2.0	1.09	55
13C-HxCB (156/157)	156/157	45.504	1.26	4.0	3.10	77
13C-2,3',4,4',5,5'-HxCB	167	44.330	1.25	2.0	1.61	81
13C-3,3',4,4',5,5'-HxCB	169	48.790	1.30	2.0	1.49	75
13C-2,2',3,4',5,6,6'-HpCB	188	38.574	1.02	2.0	1.49	74
13C-2,3,3',4,4',5,5'-HpCB	189	51.365	1.08	2.0	1.69	85
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.062	0.87	2.0	1.65	83
13C-2,3,3',4,4',5,5',6-OcCB	205	53.951	0.90	2.0	1.56	78
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.696	0.80	2.0	1.53	77
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.847	0.78	2.0	1.71	86
13C-DeCB	209	57.313	0.70	2.0	1.59	79
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.552	1.07	2.0	1.42	71
13C-2,3,3',5,5'-PeCB	111	35.655	1.60	2.0	1.56	78
13C-2,2',3,3',5,5',6-HpCB	178	41.693	1.02	2.0	1.65	82
Recovery Standards						
13C-2,5-DiCB	9	15.558	1.62	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.547	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.855	1.61	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.240	1.28	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.477	0.90	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10686845010
Filename	P240403A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L		EML ng/L
1		10.120	3.04	0.0664		---		0.0208
2		---	---	ND		---		0.0208
3		---	---	ND		---		0.0208
4		13.151	1.52	0.947		---		0.0208
5		16.575	1.28	---	I	0.0382	UX	0.0208
6		16.077	1.59	0.0249		---		0.0208
7		---	---	ND		---		0.0208
8		---	---	ND		---		0.0208
9		---	---	ND		---		0.0208
10		13.377	1.27	---	I	0.0339	UX	0.0208
11		---	---	ND		---		0.204
12	12/13	---	---	ND		---		0.0416
13	12/13	---	---	ND		---		0.0416
14		---	---	ND		---		0.0208
15		20.167	1.54	0.0560		---		0.0274
16		---	---	ND		---		0.0208
17		19.592	1.08	0.136		---		0.0208
18	18/30	19.117	1.04	0.0826		---		0.0416
19		16.928	1.04	0.744		---		0.0208
20	20/28	---	---	ND		---		0.107
21	21/33	---	---	ND		---		0.112
22		---	---	ND		---		0.0790
23		---	---	ND		---		0.0208
24		---	---	ND		---		0.0208
25		22.902	1.02	0.0626		---		0.0208
26	26/29	22.639	1.09	0.0783		---		0.0416
27		19.835	1.07	0.104		---		0.0208
28	20/28	---	---	ND		---		0.107
29	26/29	22.639	1.09	(0.0783)		---		0.0416
30	18/30	19.117	1.04	(0.0826)		---		0.0416
31		---	---	ND		---		0.108
32		20.721	1.07	0.163		---		0.0208
33	21/33	---	---	ND		---		0.112
34		---	---	ND		---		0.0208
35		---	---	ND		---		0.0208
36		---	---	ND		---		0.0208
37		---	---	ND		---		0.0440
38		---	---	ND		---		0.0208
39		---	---	ND		---		0.0208
40	40/41/71	27.759	0.77	0.163		---		0.0623
41	40/41/71	27.759	0.77	(0.163)		---		0.0623
42		27.218	0.79	0.0628		---		0.0208
43	43/73	---	---	ND		---		0.0416
44	44/47/65	26.707	0.78	1.24		---		0.0623
45	45/51	23.768	0.78	0.707		---		0.0416
46		24.016	0.71	0.0387		---		0.0208
47	44/47/65	26.707	0.78	(1.24)		---		0.0623
48		---	---	ND		---		0.0208

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10686845010
Filename	P240403A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
49	49/69	---	---	ND	UJ	---	0.0416
50	50/53	22.917	0.78	0.532		---	0.0416
51	45/51	23.768	0.78	(0.707)		---	0.0416
52		25.563	0.77	0.526		---	0.107
53	50/53	22.917	0.78	(0.532)		---	0.0416
54		20.520	0.78	0.248		---	0.0208
55		---	---	ND		---	0.0208
56		---	---	ND		---	0.0208
57		---	---	ND		---	0.0208
58		---	---	ND		---	0.0208
59	59/62/75	---	---	ND		---	0.0623
60		---	---	ND		---	0.0208
61	61/70/74/76	30.705	0.80	0.112		---	0.0831
62	59/62/75	---	---	ND		---	0.0623
63		---	---	ND		---	0.0208
64		---	---	ND		---	0.0208
65	44/47/65	26.707	0.78	(1.24)		---	0.0623
66		31.060	0.83	0.108		---	0.0490
67		---	---	ND		---	0.0208
68		29.204	0.72	0.0233		---	0.0208
69	49/69	---	---	ND	UJ	---	0.0416
70	61/70/74/76	30.705	0.80	(0.112)		---	0.0831
71	40/41/71	27.759	0.77	(0.163)		---	0.0623
72		---	---	ND		---	0.0208
73	43/73	---	---	ND		---	0.0416
74	61/70/74/76	30.705	0.80	(0.112)		---	0.0831
75	59/62/75	---	---	ND		---	0.0623
76	61/70/74/76	30.705	0.80	(0.112)		---	0.0831
77		---	---	ND		---	0.0208
78		---	---	ND		---	0.0208
79		---	---	ND		---	0.0208
80		---	---	ND		---	0.0208
81		---	---	ND		---	0.0208
82		35.268	1.53	0.0272		---	0.0208
83		33.365	1.34	0.0274		---	0.0208
84		30.937	1.54	0.0834		---	0.0208
85	85/116/117	34.789	1.63	0.0797		---	0.0623
86	86/87/97/108/119/125	34.030	1.53	0.298		---	0.125
87	86/87/97/108/119/125	34.030	1.53	(0.298)		---	0.125
88	88/91	30.705	1.54	0.246		---	0.0416
89		---	---	ND		---	0.0208
90	90/101/113	32.886	1.57	0.886		---	0.0623
91	88/91	30.705	1.54	(0.246)		---	0.0416
92		32.267	1.56	0.244		---	0.0208
93	93/98/100/102	30.024	1.50	0.199		---	0.0831
94		29.297	1.53	0.0486		---	0.0208
95		29.777	1.58	0.628		---	0.0582
96		26.986	1.56	0.0258		---	0.0208

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10686845010
Filename	P240403A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.030	1.53	(0.298)	---	0.125
98	93/98/100/102	30.024	1.50	(0.199)	---	0.0831
99		33.505	1.57	0.354	---	0.0208
100	93/98/100/102	30.024	1.50	(0.199)	---	0.0831
101	90/101/113	32.886	1.57	(0.886)	---	0.0623
102	93/98/100/102	30.024	1.50	(0.199)	---	0.0831
103		29.080	1.61	0.0731	---	0.0208
104		26.599	1.56	0.0286	---	0.0208
105		39.278	1.63	0.0725	---	0.0208
106		---	---	ND	---	0.0208
107	107/124	---	---	ND	---	0.0416
108	86/87/97/108/119/125	34.030	1.53	(0.298)	---	0.125
109		37.602	1.56	0.0338	---	0.0208
110	110/115	34.943	1.53	0.612	---	0.0416
111		---	---	ND	---	0.0208
112		---	---	ND	---	0.0208
113	90/101/113	32.886	1.57	(0.886)	---	0.0623
114		---	---	ND	---	0.0208
115	110/115	34.943	1.53	(0.612)	---	0.0416
116	85/116/117	34.789	1.63	(0.0797)	---	0.0623
117	85/116/117	34.789	1.63	(0.0797)	---	0.0623
118		38.054	1.59	0.280	---	0.0324
119	86/87/97/108/119/125	34.030	1.53	(0.298)	---	0.125
120		---	---	ND	---	0.0208
121		---	---	ND	---	0.0208
122		---	---	ND	---	0.0208
123		---	---	ND	---	0.0208
124	107/124	---	---	ND	---	0.0416
125	86/87/97/108/119/125	34.030	1.53	(0.298)	---	0.125
126		---	---	ND	---	0.0208
127		---	---	ND	---	0.0208
128	128/166	42.564	1.22	0.118	---	0.0416
129	129/138/163	41.273	1.24	1.86	---	0.0623
130		40.603	1.26	0.0852	---	0.0208
131		---	---	ND	---	0.0208
132		38.172	1.21	0.472	---	0.0208
133		38.675	1.17	0.0469	---	0.0208
134	134/143	37.082	1.22	0.0827	---	0.0416
135	135/151	35.887	1.24	0.903	---	0.0416
136		33.396	1.26	0.250	---	0.0208
137		40.821	1.10	0.0305	---	0.0208
138	129/138/163	41.273	1.24	(1.86)	---	0.0623
139	139/140	---	---	ND	---	0.0416
140	139/140	---	---	ND	---	0.0416
141		40.184	1.24	0.383	---	0.0208
142		---	---	ND	---	0.0208
143	134/143	37.082	1.22	(0.0827)	---	0.0416
144		36.490	1.29	0.0875	---	0.0208

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10686845010
Filename	P240403A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0208
146		39.345	1.23	0.351	---	0.0208
147	147/149	36.864	1.23	1.85	---	0.0416
148		---	---	ND	---	0.0208
149	147/149	36.864	1.23	(1.85)	---	0.0416
150		---	---	ND	---	0.0208
151	135/151	35.887	1.24	(0.903)	---	0.0416
152		---	---	ND	---	0.0208
153	153/168	39.982	1.24	1.91	---	0.0416
154		36.196	1.20	0.0525	---	0.0208
155		---	---	ND	---	0.0208
156	156/157	45.504	1.29	0.0857	---	0.0416
157	156/157	45.504	1.29	(0.0857)	---	0.0416
158		41.676	1.24	0.124	---	0.0208
159		---	---	ND	---	0.0208
160		---	---	ND	---	0.0208
161		---	---	ND	---	0.0208
162		---	---	ND	---	0.0208
163	129/138/163	41.273	1.24	(1.86)	---	0.0623
164		40.938	1.20	0.121	---	0.0208
165		---	---	ND	---	0.0208
166	128/166	42.564	1.22	(0.118)	---	0.0416
167		44.347	1.36	0.0518	---	0.0208
168	153/168	39.982	1.24	(1.91)	---	0.0416
169		---	---	ND	---	0.0208
170		48.220	1.05	0.634	---	0.0208
171	171/173	44.615	1.01	0.207	---	0.0416
172		46.275	0.99	0.132	---	0.0208
173	171/173	44.615	1.01	(0.207)	---	0.0416
174		43.525	1.02	0.740	---	0.0208
175		42.363	1.11	0.0278	---	0.0208
176		39.848	1.07	0.0900	---	0.0208
177		43.961	1.02	0.474	---	0.0208
178		41.709	1.07	0.187	---	0.0208
179		38.943	1.04	0.342	---	0.0208
180	180/193	46.929	1.03	1.53	---	0.0416
181		---	---	ND	---	0.0208
182		---	---	ND	---	0.0208
183	183/185	43.290	1.04	0.513	---	0.0416
184		---	---	ND	---	0.0208
185	183/185	43.290	1.04	(0.513)	---	0.0416
186		---	---	ND	---	0.0208
187		42.648	1.05	0.943	---	0.0208
188		---	---	ND	---	0.0208
189		51.386	1.05	0.0242	---	0.0208
190		48.756	1.04	0.147	---	0.0208
191		47.298	0.97	0.0240	---	0.0208
192		---	---	ND	---	0.0208

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID: Rising Pond Dam
Lab Sample ID: 10686845010
Filename: P240403A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
193	180/193	46.929	1.03	(1.53)		---	0.0416
194		53.498	0.93	0.311	J	---	0.0208
195		51.127	0.88	0.147	J	---	0.0208
196		49.595	0.91	0.165		---	0.0208
197	197/200	46.074	0.90	0.0609		---	0.0416
198	198/199	48.907	0.90	0.360		---	0.0416
199	198/199	48.907	0.90	(0.360)		---	0.0416
200	197/200	46.074	0.90	(0.0609)		---	0.0416
201		45.051	0.87	0.0430		---	0.0208
202		44.095	0.88	0.0697		---	0.0208
203		49.796	0.91	0.209		---	0.0208
204		---	---	ND		---	0.0208
205		---	---	ND		---	0.0208
206		55.718	0.79	0.0756		---	0.0208
207		---	---	ND		---	0.0208
208		---	---	ND		---	0.0208
209		---	---	ND		---	0.0208

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10686845010
Filename	P240403A_07

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0664
Total Dichloro Biphenyls	1.03
Total Trichloro Biphenyls	1.37
Total Tetrachloro Biphenyls	3.76
Total Pentachloro Biphenyls	4.25
Total Hexachloro Biphenyls	8.87
Total Heptachloro Biphenyls	6.02
Total Octachloro Biphenyls	1.37
Total Nonachloro Biphenyls	0.0756
DecachloroBiphenyls	ND
Total PCBs	26.8

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	HR-D1		
Lab Sample ID	10686845011		
Filename	P240403A_08		
Injected By	AH5		
Total Amount Extracted	1730 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	03/13/2024
ICAL ID	P240403A02	Received	03/19/2024 08:50
CCal Filename(s)	P240403A_01	Extracted	03/26/2024 14:00
Method Blank ID	BLANK-111882	Analyzed	04/03/2024 15:08

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.030	2.94	2.0	0.723	36
13C-4-MoCB	3	12.778	3.12	2.0	0.875	44
13C-2,2'-DiCB	4	13.083	1.56	2.0	0.775	39
13C-4,4'-DiCB	15	20.133	1.65	2.0	1.24	62
13C-2,2',6-TrCB	19	16.873	1.04	2.0	0.888	44
13C-3,4,4'-TrCB	37	27.899	1.09	2.0	1.33	66
13C-2,2',6,6'-TeCB	54	20.474	0.81	2.0	0.808	40
13C-3,4,4',5-TeCB	81	35.036	0.80	2.0	1.52	76
13C-3,3',4,4'-TeCB	77	35.609	0.82	2.0	1.57	79
13C-2,2',4,6,6'-PeCB	104	26.568	1.54	2.0	0.959	48
13C-2,3,3',4,4'-PeCB	105	39.228	1.57	2.0	1.58	79
13C-2,3,4,4',5-PeCB	114	38.574	1.61	2.0	1.49	74
13C-2,3',4,4',5-PeCB	118	38.021	1.59	2.0	1.54	77
13C-2,3',4,4',5'-PeCB	123	37.686	1.58	2.0	1.55	78
13C-3,3',4,4',5-PeCB	126	42.414	1.57	2.0	1.54	77
13C-2,2',4,4',6,6'-HxCB	155	32.623	1.27	2.0	1.11	55
13C-HxCB (156/157)	156/157	45.487	1.31	4.0	2.96	74
13C-2,3',4,4',5,5'-HxCB	167	44.313	1.32	2.0	1.57	79
13C-3,3',4,4',5,5'-HxCB	169	48.790	1.29	2.0	1.43	72
13C-2,2',3,4',5,6,6'-HpCB	188	38.557	1.07	2.0	1.44	72
13C-2,3,3',4,4',5,5'-HpCB	189	51.343	1.06	2.0	1.63	81
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.045	0.90	2.0	1.57	78
13C-2,3,3',4,4',5,5',6-OcCB	205	53.951	0.91	2.0	1.53	76
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.697	0.79	2.0	1.49	75
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.847	0.77	2.0	1.67	84
13C-DeCB	209	57.313	0.71	2.0	1.57	78
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.537	1.07	2.0	1.42	71
13C-2,3,3',5,5'-PeCB	111	35.655	1.57	2.0	1.53	76
13C-2,2',3,3',5,5',6-HpCB	178	41.676	1.04	2.0	1.65	83
Recovery Standards						
13C-2,5-DiCB	9	15.525	1.59	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.532	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.855	1.58	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.223	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.477	0.89	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-D1
Lab Sample ID	10686845011
Filename	P240403A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
1		10.041	3.20	0.0628		---	0.0231
2		---	---	ND		---	0.0231
3		---	---	ND		---	0.0231
4		13.106	1.52	0.868		---	0.0231
5		---	---	ND		---	0.0231
6		16.022	1.50	0.0241		---	0.0231
7		---	---	ND		---	0.0231
8		16.552	1.54	0.0314	U	---	0.0231
9		---	---	ND		---	0.0231
10		13.332	1.55	0.0337		---	0.0231
11		---	---	ND		---	0.226
12	12/13	---	---	ND		---	0.0461
13	12/13	---	---	ND		---	0.0461
14		---	---	ND		---	0.0231
15		20.145	1.50	0.0552		---	0.0305
16		---	---	ND		---	0.0231
17		19.570	1.03	0.128		---	0.0231
18	18/30	19.094	1.10	0.0799		---	0.0461
19		16.906	1.03	0.658		---	0.0231
20	20/28	---	---	ND		---	0.119
21	21/33	---	---	ND		---	0.125
22		---	---	ND		---	0.0877
23		---	---	ND		---	0.0231
24		---	---	ND		---	0.0231
25		22.902	1.05	0.0636		---	0.0231
26	26/29	22.624	1.04	0.0782		---	0.0461
27		19.813	1.02	0.103		---	0.0231
28	20/28	---	---	ND		---	0.119
29	26/29	22.624	1.04	(0.0782)		---	0.0461
30	18/30	19.094	1.10	(0.0799)		---	0.0461
31		---	---	ND		---	0.120
32		20.690	1.07	0.161		---	0.0231
33	21/33	---	---	ND		---	0.125
34		---	---	ND		---	0.0231
35		---	---	ND		---	0.0231
36		---	---	ND		---	0.0231
37		---	---	ND		---	0.0489
38		---	---	ND		---	0.0231
39		---	---	ND		---	0.0231
40	40/41/71	27.744	0.81	0.167		---	0.0692
41	40/41/71	27.744	0.81	(0.167)		---	0.0692
42		27.202	0.84	0.0631		---	0.0231
43	43/73	---	---	ND		---	0.0461
44	44/47/65	26.708	0.78	1.27		---	0.0692
45	45/51	23.753	0.78	0.696		---	0.0461
46		23.985	0.65	0.0356		---	0.0231
47	44/47/65	26.708	0.78	(1.27)		---	0.0692
48		---	---	ND		---	0.0231

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID HR-D1
Lab Sample ID 10686845011
Filename P240403A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
49	49/69	26.089	0.77	0.735	J	---	0.0461
50	50/53	22.918	0.80	0.523		---	0.0461
51	45/51	23.753	0.78	(0.696)		---	0.0461
52		25.563	0.78	0.543		---	0.119
53	50/53	22.918	0.80	(0.523)		---	0.0461
54		20.489	0.78	0.216		---	0.0231
55		---	---	ND		---	0.0231
56		---	---	ND		---	0.0231
57		---	---	ND		---	0.0231
58		---	---	ND		---	0.0231
59	59/62/75	---	---	ND		---	0.0692
60		---	---	ND		---	0.0231
61	61/70/74/76	30.690	0.79	0.125		---	0.0923
62	59/62/75	---	---	ND		---	0.0692
63		---	---	ND		---	0.0231
64		27.976	0.77	0.0329		---	0.0231
65	44/47/65	26.708	0.78	(1.27)		---	0.0692
66		31.045	0.85	0.118		---	0.0544
67		---	---	ND		---	0.0231
68		---	---	ND		---	0.0231
69	49/69	26.089	0.77	(0.735)	J	---	0.0461
70	61/70/74/76	30.690	0.79	(0.125)		---	0.0923
71	40/41/71	27.744	0.81	(0.167)		---	0.0692
72		---	---	ND		---	0.0231
73	43/73	---	---	ND		---	0.0461
74	61/70/74/76	30.690	0.79	(0.125)		---	0.0923
75	59/62/75	---	---	ND		---	0.0692
76	61/70/74/76	30.690	0.79	(0.125)		---	0.0923
77		---	---	ND		---	0.0231
78		---	---	ND		---	0.0231
79		---	---	ND		---	0.0231
80		---	---	ND		---	0.0231
81		---	---	ND		---	0.0231
82		35.268	1.58	0.0269		---	0.0231
83		33.366	1.59	0.0386		---	0.0231
84		30.906	1.56	0.0952		---	0.0231
85	85/116/117	34.773	1.39	0.0918		---	0.0692
86	86/87/97/108/119/125	34.000	1.54	0.331		---	0.138
87	86/87/97/108/119/125	34.000	1.54	(0.331)		---	0.138
88	88/91	30.690	1.56	0.262		---	0.0461
89		---	---	ND		---	0.0231
90	90/101/113	32.870	1.52	0.980		---	0.0692
91	88/91	30.690	1.56	(0.262)		---	0.0461
92		32.252	1.51	0.263		---	0.0231
93	93/98/100/102	30.009	1.64	0.224		---	0.0923
94		29.297	1.59	0.0514		---	0.0231
95		29.761	1.57	0.680		---	0.0646
96		26.986	1.55	0.0266		---	0.0231

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID HR-D1
Lab Sample ID 10686845011
Filename P240403A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.000	1.54	(0.331)	---	0.138
98	93/98/100/102	30.009	1.64	(0.224)	---	0.0923
99		33.489	1.53	0.398	---	0.0231
100	93/98/100/102	30.009	1.64	(0.224)	---	0.0923
101	90/101/113	32.870	1.52	(0.980)	---	0.0692
102	93/98/100/102	30.009	1.64	(0.224)	---	0.0923
103		29.081	1.54	0.0770	---	0.0231
104		26.599	1.58	0.0263	---	0.0231
105		39.262	1.74	0.0879	---	0.0231
106		---	---	ND	---	0.0231
107	107/124	---	---	ND	---	0.0461
108	86/87/97/108/119/125	34.000	1.54	(0.331)	---	0.138
109		37.585	1.53	0.0417	---	0.0231
110	110/115	34.928	1.54	0.693	---	0.0461
111		---	---	ND	---	0.0231
112		---	---	ND	---	0.0231
113	90/101/113	32.870	1.52	(0.980)	---	0.0692
114		---	---	ND	---	0.0231
115	110/115	34.928	1.54	(0.693)	---	0.0461
116	85/116/117	34.773	1.39	(0.0918)	---	0.0692
117	85/116/117	34.773	1.39	(0.0918)	---	0.0692
118		38.055	1.56	0.346	---	0.0360
119	86/87/97/108/119/125	34.000	1.54	(0.331)	---	0.138
120		---	---	ND	---	0.0231
121		---	---	ND	---	0.0231
122		---	---	ND	---	0.0231
123		---	---	ND	---	0.0231
124	107/124	---	---	ND	---	0.0461
125	86/87/97/108/119/125	34.000	1.54	(0.331)	---	0.138
126		---	---	ND	---	0.0231
127		---	---	ND	---	0.0231
128	128/166	42.548	1.18	0.157	---	0.0461
129	129/138/163	41.257	1.25	2.30	---	0.0692
130		40.586	1.36	0.101	---	0.0231
131		---	---	ND	---	0.0231
132		38.155	1.22	0.566	---	0.0231
133		38.675	1.21	0.0527	---	0.0231
134	134/143	37.065	1.21	0.0962	---	0.0461
135	135/151	35.887	1.24	1.04	---	0.0461
136		33.381	1.22	0.288	---	0.0231
137		40.804	1.19	0.0354	---	0.0231
138	129/138/163	41.257	1.25	(2.30)	---	0.0692
139	139/140	---	---	ND	---	0.0461
140	139/140	---	---	ND	---	0.0461
141		40.167	1.23	0.467	---	0.0231
142		---	---	ND	---	0.0231
143	134/143	37.065	1.21	(0.0962)	---	0.0461
144		36.490	1.18	0.0998	---	0.0231

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID HR-D1
Lab Sample ID 10686845011
Filename P240403A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0231
146		39.346	1.29	0.428	---	0.0231
147	147/149	36.864	1.25	2.20	---	0.0461
148		---	---	ND	---	0.0231
149	147/149	36.864	1.25	(2.20)	---	0.0461
150		---	---	ND	---	0.0231
151	135/151	35.887	1.24	(1.04)	---	0.0461
152		---	---	ND	---	0.0231
153	153/168	39.982	1.24	2.37	---	0.0461
154		36.165	1.16	0.0613	---	0.0231
155		---	---	ND	---	0.0231
156	156/157	45.504	1.25	0.114	---	0.0461
157	156/157	45.504	1.25	(0.114)	---	0.0461
158		41.659	1.25	0.162	---	0.0231
159		43.525	1.26	0.0503	---	0.0231
160		---	---	ND	---	0.0231
161		---	---	ND	---	0.0231
162		---	---	ND	---	0.0231
163	129/138/163	41.257	1.25	(2.30)	---	0.0692
164		40.921	1.27	0.155	---	0.0231
165		---	---	ND	---	0.0231
166	128/166	42.548	1.18	(0.157)	---	0.0461
167		44.347	1.23	0.0661	---	0.0231
168	153/168	39.982	1.24	(2.37)	---	0.0461
169		---	---	ND	---	0.0231
170		48.203	1.00	0.845	---	0.0231
171	171/173	44.615	1.03	0.267	---	0.0461
172		46.241	1.01	0.176	---	0.0231
173	171/173	44.615	1.03	(0.267)	---	0.0461
174		43.508	1.04	0.959	---	0.0231
175		42.347	1.07	0.0347	---	0.0231
176		39.832	1.02	0.116	---	0.0231
177		43.961	1.03	0.626	---	0.0231
178		41.709	1.01	0.237	---	0.0231
179		38.926	1.08	0.429	---	0.0231
180	180/193	46.929	1.04	2.01	---	0.0461
181		---	---	ND	---	0.0231
182		---	---	ND	---	0.0231
183	183/185	43.274	1.04	0.650	---	0.0461
184		---	---	ND	---	0.0231
185	183/185	43.274	1.04	(0.650)	---	0.0461
186		---	---	ND	---	0.0231
187		42.648	1.03	1.21	---	0.0231
188		---	---	ND	---	0.0231
189		51.386	1.03	0.0313	---	0.0231
190		48.756	1.04	0.193	---	0.0231
191		47.298	1.08	0.0391	---	0.0231
192		---	---	ND	---	0.0231

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID HR-D1
Lab Sample ID 10686845011
Filename P240403A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
193	180/193	46.929	1.04	(2.01)		---	0.0461
194		53.498	0.89	0.436	J	---	0.0231
195		51.128	0.89	0.203	J	---	0.0231
196		49.578	0.86	0.216		---	0.0231
197	197/200	46.074	0.93	0.0795		---	0.0461
198	198/199	48.907	0.91	0.485		---	0.0461
199	198/199	48.907	0.91	(0.485)		---	0.0461
200	197/200	46.074	0.93	(0.0795)		---	0.0461
201		45.034	0.93	0.0549		---	0.0231
202		44.078	0.87	0.0922		---	0.0231
203		49.779	0.91	0.278		---	0.0231
204		---	---	ND		---	0.0231
205		53.994	0.92	0.0278		---	0.0231
206		55.718	0.81	0.109		---	0.0231
207		---	---	ND		---	0.0231
208		---	---	ND		---	0.0231
209		---	---	ND		---	0.0231

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	HR-D1
Lab Sample ID	10686845011
Filename	P240403A_08

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0628
Total Dichloro Biphenyls	1.01
Total Trichloro Biphenyls	1.27
Total Tetrachloro Biphenyls	4.52
Total Pentachloro Biphenyls	4.74
Total Hexachloro Biphenyls	10.8
Total Heptachloro Biphenyls	7.83
Total Octachloro Biphenyls	1.87
Total Nonachloro Biphenyls	0.109
DecachloroBiphenyls	ND
Total PCBs	32.2

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Old Pleasant Street Bridge		
Lab Sample ID	10686845012		
Filename	P240403A_09		
Injected By	AH5		
Total Amount Extracted	1580 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	03/14/2024 12:30
ICAL ID	P240403A02	Received	03/19/2024 08:50
CCal Filename(s)	P240403A_01	Extracted	03/26/2024 14:00
Method Blank ID	BLANK-111882	Analyzed	04/03/2024 16:11

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.132	3.04	2.0	0.729	36
13C-4-MoCB	3	12.857	3.14	2.0	0.951	48
13C-2,2'-DiCB	4	13.162	1.53	2.0	0.793	40
13C-4,4'-DiCB	15	20.156	1.58	2.0	1.31	65
13C-2,2',6-TrCB	19	16.918	1.05	2.0	0.865	43
13C-3,4,4'-TrCB	37	27.899	1.07	2.0	1.48	74
13C-2,2',6,6'-TeCB	54	20.490	0.79	2.0	0.810	41
13C-3,4,4',5-TeCB	81	35.037	0.81	2.0	1.70	85
13C-3,3',4,4'-TeCB	77	35.625	0.79	2.0	1.70	85
13C-2,2',4,6,6'-PeCB	104	26.584	1.61	2.0	0.916	46
13C-2,3,3',4,4'-PeCB	105	39.246	1.59	2.0	1.65	82
13C-2,3,4,4',5-PeCB	114	38.592	1.64	2.0	1.57	79
13C-2,3',4,4',5-PeCB	118	38.038	1.61	2.0	1.61	81
13C-2,3',4,4',5'-PeCB	123	37.686	1.60	2.0	1.64	82
13C-3,3',4,4',5-PeCB	126	42.415	1.61	2.0	1.67	84
13C-2,2',4,4',6,6'-HxCB	155	32.639	1.24	2.0	1.11	55
13C-HxCB (156/157)	156/157	45.505	1.27	4.0	3.13	78
13C-2,3',4,4',5,5'-HxCB	167	44.315	1.28	2.0	1.62	81
13C-3,3',4,4',5,5'-HxCB	169	48.792	1.30	2.0	1.54	77
13C-2,2',3,4',5,6,6'-HpCB	188	38.575	1.03	2.0	1.46	73
13C-2,3,3',4,4',5,5'-HpCB	189	51.350	1.08	2.0	1.70	85
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.063	0.88	2.0	1.56	78
13C-2,3,3',4,4',5,5',6-OcCB	205	53.958	0.89	2.0	1.54	77
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.703	0.79	2.0	1.48	74
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.854	0.79	2.0	1.65	82
13C-DeCB	209	57.320	0.67	2.0	1.53	77
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.552	1.06	2.0	1.43	72
13C-2,3,3',5,5'-PeCB	111	35.655	1.58	2.0	1.48	74
13C-2,2',3,3',5,5',6-HpCB	178	41.694	1.05	2.0	1.59	80
Recovery Standards						
13C-2,5-DiCB	9	15.580	1.62	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.548	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.856	1.58	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.241	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.484	0.91	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Old Pleasant Street Bridge
Lab Sample ID: 10686845012
Filename: P240403A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.154	3.12	0.133	---	0.0253
2		---	---	ND	---	0.0253
3		---	---	ND	---	0.0253
4		13.174	1.56	2.05	---	0.0253
5		16.597	1.52	0.0772	---	0.0253
6		16.078	1.52	0.0512	---	0.0253
7		---	---	ND	---	0.0253
8		---	---	ND	---	0.0253
9		---	---	ND	---	0.0253
10		13.389	1.47	0.0747	---	0.0253
11		---	---	ND	---	0.248
12	12/13	---	---	ND	---	0.0506
13	12/13	---	---	ND	---	0.0506
14		---	---	ND	---	0.0253
15		20.178	1.51	0.0951	---	0.0334
16		---	---	ND	---	0.0253
17		19.603	1.04	0.232	---	0.0253
18	18/30	19.117	1.04	0.144	---	0.0506
19		16.940	1.07	1.37	---	0.0253
20	20/28	23.583	1.08	0.137	---	0.131
21	21/33	---	---	ND	---	0.137
22		---	---	ND	---	0.0962
23		---	---	ND	---	0.0253
24		---	---	ND	---	0.0253
25		22.918	1.02	0.101	---	0.0253
26	26/29	22.640	1.04	0.130	---	0.0506
27		19.847	1.03	0.189	---	0.0253
28	20/28	23.583	1.08	(0.137)	---	0.131
29	26/29	22.640	1.04	(0.130)	---	0.0506
30	18/30	19.117	1.04	(0.144)	---	0.0506
31		---	---	ND	---	0.132
32		20.722	1.05	0.282	---	0.0253
33	21/33	---	---	ND	---	0.137
34		---	---	ND	---	0.0253
35		---	---	ND	---	0.0253
36		---	---	ND	---	0.0253
37		---	---	ND	---	0.0537
38		---	---	ND	---	0.0253
39		---	---	ND	---	0.0253
40	40/41/71	27.745	0.79	0.255	---	0.0759
41	40/41/71	27.745	0.79	(0.255)	---	0.0759
42		27.219	0.78	0.0925	---	0.0253
43	43/73	25.718	0.67	0.0578	---	0.0506
44	44/47/65	26.708	0.77	1.87	---	0.0759
45	45/51	23.769	0.78	1.16	---	0.0506
46		24.017	0.79	0.0614	---	0.0253
47	44/47/65	26.708	0.77	(1.87)	---	0.0759
48		---	---	ND	---	0.0253

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Old Pleasant Street Bridge
Lab Sample ID: 10686845012
Filename: P240403A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.105	0.78	1.10	---	0.0506
50	50/53	22.934	0.78	0.847	---	0.0506
51	45/51	23.769	0.78	(1.16)	---	0.0506
52		25.563	0.79	0.814	---	0.131
53	50/53	22.934	0.78	(0.847)	---	0.0506
54		20.521	0.77	0.394	---	0.0253
55		---	---	ND	---	0.0253
56		---	---	ND	---	0.0253
57		---	---	ND	---	0.0253
58		---	---	ND	---	0.0253
59	59/62/75	---	---	ND	---	0.0759
60		---	---	ND	---	0.0253
61	61/70/74/76	30.690	0.79	0.166	---	0.101
62	59/62/75	---	---	ND	---	0.0759
63		---	---	ND	---	0.0253
64		27.992	0.75	0.0476	---	0.0253
65	44/47/65	26.708	0.77	(1.87)	---	0.0759
66		31.046	0.83	0.152	---	0.0597
67		---	---	ND	---	0.0253
68		29.205	0.78	0.0328	---	0.0253
69	49/69	26.105	0.78	(1.10)	---	0.0506
70	61/70/74/76	30.690	0.79	(0.166)	---	0.101
71	40/41/71	27.745	0.79	(0.255)	---	0.0759
72		---	---	ND	---	0.0253
73	43/73	25.718	0.67	(0.0578)	---	0.0506
74	61/70/74/76	30.690	0.79	(0.166)	---	0.101
75	59/62/75	---	---	ND	---	0.0759
76	61/70/74/76	30.690	0.79	(0.166)	---	0.101
77		---	---	ND	---	0.0253
78		---	---	ND	---	0.0253
79		---	---	ND	---	0.0253
80		---	---	ND	---	0.0253
81		---	---	ND	---	0.0253
82		35.269	1.36	0.0349	---	0.0253
83		33.351	1.48	0.0338	---	0.0253
84		30.922	1.61	0.125	---	0.0253
85	85/116/117	34.774	1.46	0.110	---	0.0759
86	86/87/97/108/119/125	34.016	1.55	0.420	---	0.152
87	86/87/97/108/119/125	34.016	1.55	(0.420)	---	0.152
88	88/91	30.690	1.54	0.356	---	0.0506
89		---	---	ND	---	0.0253
90	90/101/113	32.887	1.57	1.26	---	0.0759
91	88/91	30.690	1.54	(0.356)	---	0.0506
92		32.268	1.52	0.335	---	0.0253
93	93/98/100/102	30.025	1.54	0.305	---	0.101
94		29.313	1.62	0.0713	---	0.0253
95		29.778	1.53	0.940	---	0.0709
96		26.986	1.53	0.0384	---	0.0253

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Old Pleasant Street Bridge
Lab Sample ID: 10686845012
Filename: P240403A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.016	1.55	(0.420)	---	0.152
98	93/98/100/102	30.025	1.54	(0.305)	---	0.101
99		33.505	1.55	0.483	---	0.0253
100	93/98/100/102	30.025	1.54	(0.305)	---	0.101
101	90/101/113	32.887	1.57	(1.26)	---	0.0759
102	93/98/100/102	30.025	1.54	(0.305)	---	0.101
103		29.081	1.58	0.107	---	0.0253
104		26.615	1.58	0.0434	---	0.0253
105		39.279	1.56	0.0927	---	0.0253
106		---	---	ND	---	0.0253
107	107/124	---	---	ND	---	0.0506
108	86/87/97/108/119/125	34.016	1.55	(0.420)	---	0.152
109		37.602	1.52	0.0441	---	0.0253
110	110/115	34.944	1.56	0.845	---	0.0506
111		---	---	ND	---	0.0253
112		---	---	ND	---	0.0253
113	90/101/113	32.887	1.57	(1.26)	---	0.0759
114		---	---	ND	---	0.0253
115	110/115	34.944	1.56	(0.845)	---	0.0506
116	85/116/117	34.774	1.46	(0.110)	---	0.0759
117	85/116/117	34.774	1.46	(0.110)	---	0.0759
118		38.055	1.58	0.382	---	0.0395
119	86/87/97/108/119/125	34.016	1.55	(0.420)	---	0.152
120		---	---	ND	---	0.0253
121		---	---	ND	---	0.0253
122		---	---	ND	---	0.0253
123		---	---	ND	---	0.0253
124	107/124	---	---	ND	---	0.0506
125	86/87/97/108/119/125	34.016	1.55	(0.420)	---	0.152
126		---	---	ND	---	0.0253
127		---	---	ND	---	0.0253
128	128/166	42.566	1.25	0.146	---	0.0506
129	129/138/163	41.258	1.24	2.32	---	0.0759
130		40.587	1.14	0.102	---	0.0253
131		---	---	ND	---	0.0253
132		38.156	1.24	0.615	---	0.0253
133		38.692	1.27	0.0583	---	0.0253
134	134/143	37.083	1.12	0.108	---	0.0506
135	135/151	35.888	1.21	1.18	---	0.0506
136		33.397	1.25	0.350	---	0.0253
137		40.822	1.16	0.0419	---	0.0253
138	129/138/163	41.258	1.24	(2.32)	---	0.0759
139	139/140	---	---	ND	---	0.0506
140	139/140	---	---	ND	---	0.0506
141		40.185	1.20	0.506	---	0.0253
142		---	---	ND	---	0.0253
143	134/143	37.083	1.12	(0.108)	---	0.0506
144		36.506	1.26	0.116	---	0.0253

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Old Pleasant Street Bridge
Lab Sample ID: 10686845012
Filename: P240403A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0253
146		39.346	1.25	0.441	---	0.0253
147	147/149	36.865	1.24	2.46	---	0.0506
148		---	---	ND	---	0.0253
149	147/149	36.865	1.24	(2.46)	---	0.0506
150		---	---	ND	---	0.0253
151	135/151	35.888	1.21	(1.18)	---	0.0506
152		---	---	ND	---	0.0253
153	153/168	39.984	1.27	2.43	---	0.0506
154		36.181	1.25	0.0704	---	0.0253
155		---	---	ND	---	0.0253
156	156/157	45.488	1.27	0.112	---	0.0506
157	156/157	45.488	1.27	(0.112)	---	0.0506
158		41.677	1.23	0.165	---	0.0253
159		---	---	ND	---	0.0253
160		---	---	ND	---	0.0253
161		---	---	ND	---	0.0253
162		---	---	ND	---	0.0253
163	129/138/163	41.258	1.24	(2.32)	---	0.0759
164		40.939	1.20	0.153	---	0.0253
165		---	---	ND	---	0.0253
166	128/166	42.566	1.25	(0.146)	---	0.0506
167		44.348	1.27	0.0644	---	0.0253
168	153/168	39.984	1.27	(2.43)	---	0.0506
169		---	---	ND	---	0.0253
170		48.205	1.04	0.809	---	0.0253
171	171/173	44.617	1.01	0.251	---	0.0506
172		46.260	1.03	0.166	---	0.0253
173	171/173	44.617	1.01	(0.251)	---	0.0506
174		43.510	1.06	0.934	---	0.0253
175		42.364	1.05	0.0350	---	0.0253
176		39.849	1.08	0.118	---	0.0253
177		43.963	1.04	0.595	---	0.0253
178		41.727	1.09	0.229	---	0.0253
179		38.927	1.03	0.440	---	0.0253
180	180/193	46.931	1.04	1.97	---	0.0506
181		---	---	ND	---	0.0253
182		---	---	ND	---	0.0253
183	183/185	43.275	1.00	0.661	---	0.0506
184		---	---	ND	---	0.0253
185	183/185	43.275	1.00	(0.661)	---	0.0506
186		---	---	ND	---	0.0253
187		42.650	1.05	1.17	---	0.0253
188		---	---	ND	---	0.0253
189		51.371	0.97	0.0297	---	0.0253
190		48.758	1.06	0.185	---	0.0253
191		47.283	1.03	0.0331	---	0.0253
192		---	---	ND	---	0.0253

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Old Pleasant Street Bridge
Lab Sample ID: 10686845012
Filename: P240403A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.931	1.04	(1.97)	---	0.0506
194		53.505	0.88	0.412	---	0.0253
195		51.134	0.92	0.194	---	0.0253
196		49.597	0.93	0.215	---	0.0253
197	197/200	46.075	0.91	0.0761	---	0.0506
198	198/199	48.909	0.90	0.459	---	0.0506
199	198/199	48.909	0.90	(0.459)	---	0.0506
200	197/200	46.075	0.91	(0.0761)	---	0.0506
201		45.036	0.91	0.0573	---	0.0253
202		44.080	0.89	0.0902	---	0.0253
203		49.781	0.93	0.267	---	0.0253
204		---	---	ND	---	0.0253
205		53.979	0.87	0.0261	---	0.0253
206		55.725	0.79	0.0930	---	0.0253
207		---	---	ND	---	0.0253
208		---	---	ND	---	0.0253
209		---	---	ND	---	0.0253

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Old Pleasant Street Bridge
Lab Sample ID	10686845012
Filename	P240403A_09

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.133
Total Dichloro Biphenyls	2.35
Total Trichloro Biphenyls	2.58
Total Tetrachloro Biphenyls	7.05
Total Pentachloro Biphenyls	6.02
Total Hexachloro Biphenyls	11.4
Total Heptachloro Biphenyls	7.62
Total Octachloro Biphenyls	1.80
Total Nonachloro Biphenyls	0.0930
DecachloroBiphenyls	ND
Total PCBs	39.1

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Woods Pond Dam		
Lab Sample ID	10686845013		
Filename	P240403A_10		
Injected By	AH5		
Total Amount Extracted	1600 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	03/14/2024 13:45
ICAL ID	P240403A02	Received	03/19/2024 08:50
CCal Filename(s)	P240403A_01	Extracted	03/26/2024 14:00
Method Blank ID	BLANK-111882	Analyzed	04/03/2024 17:14

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.064	3.03	2.0	0.796	40
13C-4-MoCB	3	12.812	3.04	2.0	1.01	50
13C-2,2'-DiCB	4	13.106	1.57	2.0	0.837	42
13C-4,4'-DiCB	15	20.133	1.60	2.0	1.35	68
13C-2,2',6-TrCB	19	16.884	1.06	2.0	0.932	47
13C-3,4,4'-TrCB	37	27.883	1.09	2.0	1.50	75
13C-2,2',6,6'-TeCB	54	20.474	0.80	2.0	0.863	43
13C-3,4,4',5-TeCB	81	35.036	0.80	2.0	1.74	87
13C-3,3',4,4'-TeCB	77	35.608	0.80	2.0	1.71	85
13C-2,2',4,6,6'-PeCB	104	26.568	1.57	2.0	1.02	51
13C-2,3,3',4,4'-PeCB	105	39.245	1.59	2.0	1.73	87
13C-2,3,4,4',5-PeCB	114	38.574	1.62	2.0	1.70	85
13C-2,3',4,4',5-PeCB	118	38.021	1.63	2.0	1.74	87
13C-2,3',4,4',5'-PeCB	123	37.686	1.57	2.0	1.72	86
13C-3,3',4,4',5-PeCB	126	42.414	1.63	2.0	1.70	85
13C-2,2',4,4',6,6'-HxCB	155	32.639	1.29	2.0	1.16	58
13C-HxCB (156/157)	156/157	45.487	1.29	4.0	3.25	81
13C-2,3',4,4',5,5'-HxCB	167	44.313	1.30	2.0	1.70	85
13C-3,3',4,4',5,5'-HxCB	169	48.790	1.27	2.0	1.53	77
13C-2,2',3,4',5,6,6'-HpCB	188	38.557	1.05	2.0	1.53	77
13C-2,3,3',4,4',5,5'-HpCB	189	51.343	1.08	2.0	1.75	87
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.062	0.88	2.0	1.61	80
13C-2,3,3',4,4',5,5',6-OcCB	205	53.951	0.91	2.0	1.58	79
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.696	0.82	2.0	1.51	75
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.847	0.77	2.0	1.70	85
13C-DeCB	209	57.313	0.73	2.0	1.57	78
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.537	1.09	2.0	1.47	73
13C-2,3,3',5,5'-PeCB	111	35.655	1.57	2.0	1.52	76
13C-2,2',3,3',5,5',6-HpCB	178	41.676	1.05	2.0	1.61	80
Recovery Standards						
13C-2,5-DiCB	9	15.536	1.62	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.532	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.840	1.59	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.240	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.477	0.91	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10686845013
Filename	P240403A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
1		10.087	3.16	0.160		---	0.0251
2		---	---	ND		---	0.0251
3		---	---	ND		---	0.0251
4		13.128	1.57	2.54		---	0.0251
5		---	---	ND		---	0.0251
6		16.033	1.48	0.0601		---	0.0251
7		---	---	ND		---	0.0251
8		16.564	1.50	0.0758	U	---	0.0251
9		---	---	ND		---	0.0251
10		13.354	1.60	0.0940		---	0.0251
11		---	---	ND		---	0.246
12	12/13	---	---	ND		---	0.0501
13	12/13	---	---	ND		---	0.0501
14		---	---	ND		---	0.0251
15		20.156	1.59	0.106		---	0.0331
16		20.089	1.02	0.0259		---	0.0251
17		19.581	1.06	0.278		---	0.0251
18	18/30	19.094	1.07	0.162		---	0.0501
19		16.906	1.03	1.68		---	0.0251
20	20/28	23.567	1.06	0.141		---	0.129
21	21/33	---	---	ND		---	0.135
22		---	---	ND		---	0.0953
23		---	---	ND		---	0.0251
24		---	---	ND		---	0.0251
25		22.887	1.08	0.112		---	0.0251
26	26/29	22.624	1.07	0.149		---	0.0501
27		19.813	1.06	0.225		---	0.0251
28	20/28	23.567	1.06	(0.141)		---	0.129
29	26/29	22.624	1.07	(0.149)		---	0.0501
30	18/30	19.094	1.07	(0.162)		---	0.0501
31		---	---	ND		---	0.130
32		20.706	1.06	0.331		---	0.0251
33	21/33	---	---	ND		---	0.135
34		---	---	ND		---	0.0251
35		---	---	ND		---	0.0251
36		---	---	ND		---	0.0251
37		---	---	ND		---	0.0531
38		---	---	ND		---	0.0251
39		---	---	ND		---	0.0251
40	40/41/71	27.744	0.75	0.272		---	0.0752
41	40/41/71	27.744	0.75	(0.272)		---	0.0752
42		27.218	0.76	0.0967		---	0.0251
43	43/73	25.718	0.80	0.0643		---	0.0501
44	44/47/65	26.692	0.77	2.09		---	0.0752
45	45/51	23.753	0.79	1.37		---	0.0501
46		24.000	0.80	0.0658		---	0.0251
47	44/47/65	26.692	0.77	(2.09)		---	0.0752
48		---	---	ND		---	0.0251

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Woods Pond Dam
Lab Sample ID: 10686845013
Filename: P240403A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.089	0.79	1.23	---	0.0501
50	50/53	22.918	0.78	0.983	---	0.0501
51	45/51	23.753	0.79	(1.37)	---	0.0501
52		25.563	0.80	0.954	---	0.129
53	50/53	22.918	0.78	(0.983)	---	0.0501
54		20.489	0.78	0.472	---	0.0251
55		---	---	ND	---	0.0251
56		---	---	ND	---	0.0251
57		---	---	ND	---	0.0251
58		---	---	ND	---	0.0251
59	59/62/75	---	---	ND	---	0.0752
60		---	---	ND	---	0.0251
61	61/70/74/76	30.690	0.82	0.190	---	0.100
62	59/62/75	---	---	ND	---	0.0752
63		---	---	ND	---	0.0251
64		27.976	0.75	0.0509	---	0.0251
65	44/47/65	26.692	0.77	(2.09)	---	0.0752
66		31.045	0.82	0.165	---	0.0592
67		---	---	ND	---	0.0251
68		29.174	0.88	0.0338	---	0.0251
69	49/69	26.089	0.79	(1.23)	---	0.0501
70	61/70/74/76	30.690	0.82	(0.190)	---	0.100
71	40/41/71	27.744	0.75	(0.272)	---	0.0752
72		---	---	ND	---	0.0251
73	43/73	25.718	0.80	(0.0643)	---	0.0501
74	61/70/74/76	30.690	0.82	(0.190)	---	0.100
75	59/62/75	---	---	ND	---	0.0752
76	61/70/74/76	30.690	0.82	(0.190)	---	0.100
77		---	---	ND	---	0.0251
78		---	---	ND	---	0.0251
79		---	---	ND	---	0.0251
80		---	---	ND	---	0.0251
81		---	---	ND	---	0.0251
82		35.268	1.53	0.0453	---	0.0251
83		33.366	1.47	0.0569	---	0.0251
84		30.921	1.58	0.150	---	0.0251
85	85/116/117	34.758	1.51	0.136	---	0.0752
86	86/87/97/108/119/125	34.015	1.54	0.485	---	0.150
87	86/87/97/108/119/125	34.015	1.54	(0.485)	---	0.150
88	88/91	30.690	1.61	0.400	---	0.0501
89		---	---	ND	---	0.0251
90	90/101/113	32.870	1.56	1.51	---	0.0752
91	88/91	30.690	1.61	(0.400)	---	0.0501
92		32.252	1.55	0.385	---	0.0251
93	93/98/100/102	30.009	1.44	0.346	---	0.100
94		29.313	1.55	0.0799	---	0.0251
95		29.761	1.58	1.15	---	0.0702
96		26.971	1.52	0.0436	---	0.0251

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Woods Pond Dam
Lab Sample ID: 10686845013
Filename: P240403A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.015	1.54	(0.485)	---	0.150
98	93/98/100/102	30.009	1.44	(0.346)	---	0.100
99		33.489	1.54	0.547	---	0.0251
100	93/98/100/102	30.009	1.44	(0.346)	---	0.100
101	90/101/113	32.870	1.56	(1.51)	---	0.0752
102	93/98/100/102	30.009	1.44	(0.346)	---	0.100
103		29.081	1.53	0.124	---	0.0251
104		26.599	1.49	0.0508	---	0.0251
105		39.262	1.51	0.117	---	0.0251
106		---	---	ND	---	0.0251
107	107/124	---	---	ND	---	0.0501
108	86/87/97/108/119/125	34.015	1.54	(0.485)	---	0.150
109		37.585	1.49	0.0529	---	0.0251
110	110/115	34.928	1.57	1.03	---	0.0501
111		---	---	ND	---	0.0251
112		---	---	ND	---	0.0251
113	90/101/113	32.870	1.56	(1.51)	---	0.0752
114		---	---	ND	---	0.0251
115	110/115	34.928	1.57	(1.03)	---	0.0501
116	85/116/117	34.758	1.51	(0.136)	---	0.0752
117	85/116/117	34.758	1.51	(0.136)	---	0.0752
118		38.054	1.55	0.469	---	0.0391
119	86/87/97/108/119/125	34.015	1.54	(0.485)	---	0.150
120		---	---	ND	---	0.0251
121		---	---	ND	---	0.0251
122		---	---	ND	---	0.0251
123		---	---	ND	---	0.0251
124	107/124	---	---	ND	---	0.0501
125	86/87/97/108/119/125	34.015	1.54	(0.485)	---	0.150
126		---	---	ND	---	0.0251
127		---	---	ND	---	0.0251
128	128/166	42.564	1.31	0.203	---	0.0501
129	129/138/163	41.257	1.24	3.05	---	0.0752
130		40.586	1.21	0.128	---	0.0251
131		---	---	ND	---	0.0251
132		38.155	1.24	0.823	---	0.0251
133		38.658	1.31	0.0687	---	0.0251
134	134/143	37.065	1.25	0.144	---	0.0501
135	135/151	35.887	1.24	1.52	---	0.0501
136		33.381	1.21	0.451	---	0.0251
137		40.821	1.16	0.0593	---	0.0251
138	129/138/163	41.257	1.24	(3.05)	---	0.0752
139	139/140	---	---	ND	---	0.0501
140	139/140	---	---	ND	---	0.0501
141		40.167	1.26	0.673	---	0.0251
142		---	---	ND	---	0.0251
143	134/143	37.065	1.25	(0.144)	---	0.0501
144		36.490	1.20	0.162	---	0.0251

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10686845013
Filename	P240403A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0251
146		39.345	1.25	0.549	---	0.0251
147	147/149	36.864	1.25	3.19	---	0.0501
148		---	---	ND	---	0.0251
149	147/149	36.864	1.25	(3.19)	---	0.0501
150		---	---	ND	---	0.0251
151	135/151	35.887	1.24	(1.52)	---	0.0501
152		---	---	ND	---	0.0251
153	153/168	39.982	1.24	3.13	---	0.0501
154		36.181	1.24	0.0848	---	0.0251
155		---	---	ND	---	0.0251
156	156/157	45.504	1.31	0.146	---	0.0501
157	156/157	45.504	1.31	(0.146)	---	0.0501
158		41.659	1.27	0.221	---	0.0251
159		---	---	ND	---	0.0251
160		---	---	ND	---	0.0251
161		---	---	ND	---	0.0251
162		---	---	ND	---	0.0251
163	129/138/163	41.257	1.24	(3.05)	---	0.0752
164		40.938	1.26	0.200	---	0.0251
165		---	---	ND	---	0.0251
166	128/166	42.564	1.31	(0.203)	---	0.0501
167		44.330	1.30	0.0844	---	0.0251
168	153/168	39.982	1.24	(3.13)	---	0.0501
169		---	---	ND	---	0.0251
170		48.203	1.05	1.05	---	0.0251
171	171/173	44.615	1.02	0.341	---	0.0501
172		46.258	1.05	0.217	---	0.0251
173	171/173	44.615	1.02	(0.341)	---	0.0501
174		43.508	1.06	1.24	---	0.0251
175		42.363	1.08	0.0471	---	0.0251
176		39.832	1.02	0.158	---	0.0251
177		43.961	1.05	0.778	---	0.0251
178		41.709	1.08	0.296	---	0.0251
179		38.926	1.05	0.583	---	0.0251
180	180/193	46.929	1.02	2.61	---	0.0501
181		---	---	ND	---	0.0251
182		---	---	ND	---	0.0251
183	183/185	43.274	1.04	0.869	---	0.0501
184		---	---	ND	---	0.0251
185	183/185	43.274	1.04	(0.869)	---	0.0501
186		---	---	ND	---	0.0251
187		42.648	1.05	1.53	---	0.0251
188		---	---	ND	---	0.0251
189		51.364	0.98	0.0418	---	0.0251
190		48.756	1.05	0.242	---	0.0251
191		47.281	0.92	0.0441	---	0.0251
192		---	---	ND	---	0.0251

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Woods Pond Dam
Lab Sample ID: 10686845013
Filename: P240403A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.929	1.02	(2.61)	---	0.0501
194		53.498	0.91	0.551	---	0.0251
195		51.149	0.90	0.249	---	0.0251
196		49.577	0.88	0.290	---	0.0251
197	197/200	46.057	0.84	0.102	---	0.0501
198	198/199	48.907	0.90	0.594	---	0.0501
199	198/199	48.907	0.90	(0.594)	---	0.0501
200	197/200	46.057	0.84	(0.102)	---	0.0501
201		45.034	0.92	0.0748	---	0.0251
202		44.078	0.90	0.116	---	0.0251
203		49.779	0.90	0.357	---	0.0251
204		---	---	ND	---	0.0251
205		53.972	1.01	0.0336	---	0.0251
206		55.718	0.78	0.131	---	0.0251
207		---	---	ND	---	0.0251
208		---	---	ND	---	0.0251
209		---	---	ND	---	0.0251

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10686845013
Filename	P240403A_10

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.160
Total Dichloro Biphenyls	2.88
Total Trichloro Biphenyls	3.10
Total Tetrachloro Biphenyls	8.04
Total Pentachloro Biphenyls	7.18
Total Hexachloro Biphenyls	14.9
Total Heptachloro Biphenyls	10.0
Total Octachloro Biphenyls	2.37
Total Nonachloro Biphenyls	0.131
DecachloroBiphenyls	ND
Total PCBs	48.8

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Woods Pond Dam (Lab Dup)		
Lab Sample ID	10686845014		
Filename	P240403A_11		
Injected By	AH5		
Total Amount Extracted	1730 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	03/14/2024 13:45
ICAL ID	P240403A02	Received	03/19/2024 08:50
CCal Filename(s)	P240403A_01	Extracted	03/26/2024 14:00
Method Blank ID	BLANK-111882	Analyzed	04/03/2024 18:17

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.098	3.05	2.0	0.673	34
13C-4-MoCB	3	12.835	3.11	2.0	0.864	43
13C-2,2'-DiCB	4	13.129	1.52	2.0	0.702	35
13C-4,4'-DiCB	15	20.146	1.58	2.0	1.22	61
13C-2,2',6-TrCB	19	16.907	1.07	2.0	0.790	39
13C-3,4,4'-TrCB	37	27.901	1.08	2.0	1.42	71
13C-2,2',6,6'-TeCB	54	20.490	0.80	2.0	0.718	36
13C-3,4,4',5-TeCB	81	35.040	0.79	2.0	1.74	87
13C-3,3',4,4'-TeCB	77	35.613	0.81	2.0	1.52	76
13C-2,2',4,6,6'-PeCB	104	26.586	1.58	2.0	0.857	43
13C-2,3,3',4,4'-PeCB	105	39.250	1.61	2.0	1.65	82
13C-2,3,4,4',5-PeCB	114	38.596	1.63	2.0	1.66	83
13C-2,3',4,4',5-PeCB	118	38.042	1.62	2.0	1.68	84
13C-2,3',4,4',5'-PeCB	123	37.707	1.59	2.0	1.70	85
13C-3,3',4,4',5-PeCB	126	42.419	1.60	2.0	1.69	85
13C-2,2',4,4',6,6'-HxCB	155	32.642	1.26	2.0	1.06	53
13C-HxCB (156/157)	156/157	45.510	1.28	4.0	3.09	77
13C-2,3',4,4',5,5'-HxCB	167	44.319	1.26	2.0	1.60	80
13C-3,3',4,4',5,5'-HxCB	169	48.796	1.30	2.0	1.49	74
13C-2,2',3,4',5,6,6'-HpCB	188	38.579	1.04	2.0	1.51	75
13C-2,3,3',4,4',5,5'-HpCB	189	51.376	1.09	2.0	1.72	86
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.068	0.91	2.0	1.61	81
13C-2,3,3',4,4',5,5',6-OcCB	205	53.985	0.90	2.0	1.46	73
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.709	0.78	2.0	1.38	69
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.859	0.79	2.0	1.61	80
13C-DeCB	209	57.325	0.70	2.0	1.35	67
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.554	1.09	2.0	1.42	71
13C-2,3,3',5,5'-PeCB	111	35.659	1.56	2.0	1.20	60
13C-2,2',3,3',5,5',6-HpCB	178	41.698	1.04	2.0	1.54	77
Recovery Standards						
13C-2,5-DiCB	9	15.559	1.61	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.534	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.859	1.56	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.245	1.28	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.489	0.92	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Woods Pond Dam (Lab Dup)
Lab Sample ID: 10686845014
Filename: P240403A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.109	3.19	0.164	---	0.0231
2		---	---	ND	---	0.0231
3		---	---	ND	---	0.0231
4		13.151	1.56	2.70	---	0.0231
5		16.576	1.59	0.116	---	0.0231
6		16.056	1.47	0.0682	---	0.0231
7		---	---	ND	---	0.0231
8		---	---	ND	---	0.0231
9		---	---	ND	---	0.0231
10		13.377	1.52	0.0918	---	0.0231
11		---	---	ND	---	0.227
12	12/13	---	---	ND	---	0.0463
13	12/13	---	---	ND	---	0.0463
14		---	---	ND	---	0.0231
15		20.168	1.57	0.117	---	0.0305
16		20.102	1.09	0.0335	---	0.0231
17		19.593	1.06	0.316	---	0.0231
18	18/30	19.107	1.05	0.190	---	0.0463
19		16.930	1.04	1.80	---	0.0231
20	20/28	23.569	1.09	0.158	---	0.119
21	21/33	---	---	ND	---	0.125
22		---	---	ND	---	0.0879
23		---	---	ND	---	0.0231
24		---	---	ND	---	0.0231
25		22.904	1.02	0.126	---	0.0231
26	26/29	22.641	1.08	0.173	---	0.0463
27		19.836	1.04	0.236	---	0.0231
28	20/28	23.569	1.09	(0.158)	---	0.119
29	26/29	22.641	1.08	(0.173)	---	0.0463
30	18/30	19.107	1.05	(0.190)	---	0.0463
31		23.244	1.07	0.129	---	0.120
32		20.707	1.08	0.325	---	0.0231
33	21/33	---	---	ND	---	0.125
34		---	---	ND	---	0.0231
35		---	---	ND	---	0.0231
36		---	---	ND	---	0.0231
37		---	---	ND	---	0.0490
38		---	---	ND	---	0.0231
39		---	---	ND	---	0.0231
40	40/41/71	27.747	0.78	0.282	---	0.0694
41	40/41/71	27.747	0.78	(0.282)	---	0.0694
42		27.220	0.80	0.104	---	0.0231
43	43/73	25.720	0.81	0.0751	---	0.0463
44	44/47/65	26.710	0.78	2.21	---	0.0694
45	45/51	23.755	0.78	1.44	---	0.0463
46		24.003	0.76	0.0704	---	0.0231
47	44/47/65	26.710	0.78	(2.21)	---	0.0694
48		---	---	ND	---	0.0231

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Woods Pond Dam (Lab Dup)
Lab Sample ID: 10686845014
Filename: P240403A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.107	0.78	1.41	---	0.0463
50	50/53	22.935	0.78	1.06	---	0.0463
51	45/51	23.755	0.78	(1.44)	---	0.0463
52		25.565	0.79	1.20	---	0.119
53	50/53	22.935	0.78	(1.06)	---	0.0463
54		20.506	0.77	0.515	---	0.0231
55		---	---	ND	---	0.0231
56		---	---	ND	---	0.0231
57		---	---	ND	---	0.0231
58		---	---	ND	---	0.0231
59	59/62/75	---	---	ND	---	0.0694
60		---	---	ND	---	0.0231
61	61/70/74/76	30.693	0.81	0.202	---	0.0925
62	59/62/75	---	---	ND	---	0.0694
63		---	---	ND	---	0.0231
64		27.994	0.79	0.0556	---	0.0231
65	44/47/65	26.710	0.78	(2.21)	---	0.0694
66		31.049	0.81	0.174	---	0.0546
67		---	---	ND	---	0.0231
68		29.192	0.79	0.0314	---	0.0231
69	49/69	26.107	0.78	(1.41)	---	0.0463
70	61/70/74/76	30.693	0.81	(0.202)	---	0.0925
71	40/41/71	27.747	0.78	(0.282)	---	0.0694
72		28.882	0.83	0.0232	---	0.0231
73	43/73	25.720	0.81	(0.0751)	---	0.0463
74	61/70/74/76	30.693	0.81	(0.202)	---	0.0925
75	59/62/75	---	---	ND	---	0.0694
76	61/70/74/76	30.693	0.81	(0.202)	---	0.0925
77		---	---	ND	---	0.0231
78		---	---	ND	---	0.0231
79		---	---	ND	---	0.0231
80		---	---	ND	---	0.0231
81		---	---	ND	---	0.0231
82		35.288	1.58	0.0377	---	0.0231
83		33.354	1.53	0.0374	---	0.0231
84		30.925	1.57	0.154	---	0.0231
85	85/116/117	34.793	1.60	0.132	---	0.0694
86	86/87/97/108/119/125	34.019	1.54	0.486	---	0.139
87	86/87/97/108/119/125	34.019	1.54	(0.486)	---	0.139
88	88/91	30.708	1.55	0.455	---	0.0463
89		---	---	ND	---	0.0231
90	90/101/113	32.889	1.57	1.50	---	0.0694
91	88/91	30.708	1.55	(0.455)	---	0.0463
92		32.271	1.54	0.377	---	0.0231
93	93/98/100/102	30.027	1.45	0.380	---	0.0925
94		29.300	1.58	0.0833	---	0.0231
95		29.780	1.57	1.15	---	0.0648
96		26.988	1.51	0.0493	---	0.0231

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Woods Pond Dam (Lab Dup)
Lab Sample ID: 10686845014
Filename: P240403A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.019	1.54	(0.486)	---	0.139
98	93/98/100/102	30.027	1.45	(0.380)	---	0.0925
99		33.508	1.55	0.548	---	0.0231
100	93/98/100/102	30.027	1.45	(0.380)	---	0.0925
101	90/101/113	32.889	1.57	(1.50)	---	0.0694
102	93/98/100/102	30.027	1.45	(0.380)	---	0.0925
103		29.084	1.52	0.134	---	0.0231
104		26.617	1.48	0.0550	---	0.0231
105		39.283	1.57	0.129	---	0.0231
106		---	---	ND	---	0.0231
107	107/124	---	---	ND	---	0.0463
108	86/87/97/108/119/125	34.019	1.54	(0.486)	---	0.139
109		37.606	1.53	0.0502	---	0.0231
110	110/115	34.947	1.58	1.03	---	0.0463
111		---	---	ND	---	0.0231
112		---	---	ND	---	0.0231
113	90/101/113	32.889	1.57	(1.50)	---	0.0694
114		---	---	ND	---	0.0231
115	110/115	34.947	1.58	(1.03)	---	0.0463
116	85/116/117	34.793	1.60	(0.132)	---	0.0694
117	85/116/117	34.793	1.60	(0.132)	---	0.0694
118		38.059	1.57	0.473	---	0.0361
119	86/87/97/108/119/125	34.019	1.54	(0.486)	---	0.139
120		---	---	ND	---	0.0231
121		---	---	ND	---	0.0231
122		---	---	ND	---	0.0231
123		---	---	ND	---	0.0231
124	107/124	---	---	ND	---	0.0463
125	86/87/97/108/119/125	34.019	1.54	(0.486)	---	0.139
126		---	---	ND	---	0.0231
127		---	---	ND	---	0.0231
128	128/166	42.553	1.25	0.136	---	0.0463
129	129/138/163	41.279	1.23	2.88	---	0.0694
130		40.608	1.22	0.128	---	0.0231
131		---	---	ND	---	0.0231
132		38.177	1.23	0.775	---	0.0231
133		38.680	1.26	0.0770	---	0.0231
134	134/143	37.087	1.25	0.145	---	0.0463
135	135/151	35.907	1.22	1.50	---	0.0463
136		33.385	1.21	0.441	---	0.0231
137		40.826	1.13	0.0546	---	0.0231
138	129/138/163	41.279	1.23	(2.88)	---	0.0694
139	139/140	---	---	ND	---	0.0463
140	139/140	---	---	ND	---	0.0463
141		40.189	1.25	0.605	---	0.0231
142		---	---	ND	---	0.0231
143	134/143	37.087	1.25	(0.145)	---	0.0463
144		36.510	1.21	0.147	---	0.0231

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Woods Pond Dam (Lab Dup)
Lab Sample ID: 10686845014
Filename: P240403A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0231
146		39.350	1.26	0.540	---	0.0231
147	147/149	36.869	1.24	3.06	---	0.0463
148		35.303	1.20	0.0266	---	0.0231
149	147/149	36.869	1.24	(3.06)	---	0.0463
150		33.029	1.26	0.0304	---	0.0231
151	135/151	35.907	1.22	(1.50)	---	0.0463
152		---	---	ND	---	0.0231
153	153/168	39.987	1.25	2.93	---	0.0463
154		36.201	1.20	0.109	---	0.0231
155		---	---	ND	---	0.0231
156	156/157	45.510	1.27	0.139	---	0.0463
157	156/157	45.510	1.27	(0.139)	---	0.0463
158		41.665	1.24	0.207	---	0.0231
159		---	---	ND	---	0.0231
160		---	---	ND	---	0.0231
161		---	---	ND	---	0.0231
162		---	---	ND	---	0.0231
163	129/138/163	41.279	1.23	(2.88)	---	0.0694
164		40.944	1.22	0.187	---	0.0231
165		---	---	ND	---	0.0231
166	128/166	42.553	1.25	(0.136)	---	0.0463
167		44.353	1.28	0.0790	---	0.0231
168	153/168	39.987	1.25	(2.93)	---	0.0463
169		---	---	ND	---	0.0231
170		48.209	1.05	0.979	---	0.0231
171	171/173	44.621	1.05	0.322	---	0.0463
172		46.264	1.04	0.208	---	0.0231
173	171/173	44.621	1.05	(0.322)	---	0.0463
174		43.531	1.02	1.18	---	0.0231
175		42.386	1.05	0.0474	---	0.0231
176		39.853	1.07	0.151	---	0.0231
177		43.967	1.04	0.746	---	0.0231
178		41.715	1.02	0.298	---	0.0231
179		38.948	1.06	0.563	---	0.0231
180	180/193	46.935	1.04	2.43	---	0.0463
181		---	---	ND	---	0.0231
182		---	---	ND	---	0.0231
183	183/185	43.280	1.05	0.818	---	0.0463
184		---	---	ND	---	0.0231
185	183/185	43.280	1.05	(0.818)	---	0.0463
186		---	---	ND	---	0.0231
187		42.654	1.03	1.38	---	0.0231
188		---	---	ND	---	0.0231
189		51.376	1.05	0.0383	---	0.0231
190		48.746	1.05	0.227	---	0.0231
191		47.287	1.16	0.0436	---	0.0231
192		---	---	ND	---	0.0231

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Woods Pond Dam (Lab Dup)
Lab Sample ID: 10686845014
Filename: P240403A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.935	1.04	(2.43)	---	0.0463
194		53.510	0.91	0.497	---	0.0231
195		51.139	0.90	0.190	---	0.0231
196		49.601	0.93	0.265	---	0.0231
197	197/200	46.080	0.89	0.0991	---	0.0463
198	198/199	48.914	0.92	0.499	---	0.0463
199	198/199	48.914	0.92	(0.499)	---	0.0463
200	197/200	46.080	0.89	(0.0991)	---	0.0463
201		45.057	0.89	0.0727	---	0.0231
202		44.101	0.88	0.115	---	0.0231
203		49.803	0.91	0.338	---	0.0231
204		---	---	ND	---	0.0231
205		54.028	0.88	0.0322	---	0.0231
206		55.730	0.80	0.117	---	0.0231
207		---	---	ND	---	0.0231
208		---	---	ND	---	0.0231
209		---	---	ND	---	0.0231

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Woods Pond Dam (Lab Dup)
Lab Sample ID	10686845014
Filename	P240403A_11

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.164
Total Dichloro Biphenyls	3.10
Total Trichloro Biphenyls	3.49
Total Tetrachloro Biphenyls	8.87
Total Pentachloro Biphenyls	7.25
Total Hexachloro Biphenyls	14.2
Total Heptachloro Biphenyls	9.43
Total Octachloro Biphenyls	2.11
Total Nonachloro Biphenyls	0.117
DecachloroBiphenyls	ND
Total PCBs	48.7

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	New Lenox Rd Bridge		
Lab Sample ID	10686845015		
Filename	P240403A_12		
Injected By	AH5		
Total Amount Extracted	1830 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	03/14/2024 14:45
ICAL ID	P240403A02	Received	03/19/2024 08:50
CCal Filename(s)	P240403A_01	Extracted	03/26/2024 14:00
Method Blank ID	BLANK-111882	Analyzed	04/03/2024 19:20

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.075	3.03	2.0	0.760	38
13C-4-MoCB	3	12.812	3.12	2.0	0.990	50
13C-2,2'-DiCB	4	13.118	1.55	2.0	0.820	41
13C-4,4'-DiCB	15	20.134	1.58	2.0	1.40	70
13C-2,2',6-TrCB	19	16.885	1.05	2.0	0.895	45
13C-3,4,4'-TrCB	37	27.884	1.07	2.0	1.62	81
13C-2,2',6,6'-TeCB	54	20.474	0.79	2.0	0.872	44
13C-3,4,4',5-TeCB	81	35.037	0.80	2.0	1.88	94
13C-3,3',4,4'-TeCB	77	35.610	0.79	2.0	1.59	80
13C-2,2',4,6,6'-PeCB	104	26.569	1.55	2.0	0.988	49
13C-2,3,3',4,4'-PeCB	105	39.247	1.60	2.0	1.78	89
13C-2,3,4,4',5-PeCB	114	38.593	1.59	2.0	1.78	89
13C-2,3',4,4',5-PeCB	118	38.040	1.61	2.0	1.84	92
13C-2,3',4,4',5'-PeCB	123	37.687	1.59	2.0	1.82	91
13C-3,3',4,4',5-PeCB	126	42.416	1.61	2.0	1.78	89
13C-2,2',4,4',6,6'-HxCB	155	32.639	1.23	2.0	1.17	59
13C-HxCB (156/157)	156/157	45.507	1.30	4.0	3.18	79
13C-2,3',4,4',5,5'-HxCB	167	44.316	1.28	2.0	1.70	85
13C-3,3',4,4',5,5'-HxCB	169	48.793	1.29	2.0	1.52	76
13C-2,2',3,4',5,6,6'-HpCB	188	38.576	1.04	2.0	1.69	85
13C-2,3,3',4,4',5,5'-HpCB	189	51.352	1.05	2.0	1.82	91
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.064	0.90	2.0	1.78	89
13C-2,3,3',4,4',5,5',6-OcCB	205	53.960	0.90	2.0	1.54	77
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.705	0.78	2.0	1.43	72
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.856	0.78	2.0	1.75	88
13C-DeCB	209	57.300	0.71	2.0	1.38	69
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.537	1.07	2.0	1.53	77
13C-2,3,3',5,5'-PeCB	111	35.656	1.62	2.0	1.15	57
13C-2,2',3,3',5,5',6-HpCB	178	41.678	1.05	2.0	1.53	76
Recovery Standards						
13C-2,5-DiCB	9	15.547	1.60	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.532	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.856	1.59	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.242	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.486	0.90	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	New Lenox Rd Bridge
Lab Sample ID	10686845015
Filename	P240403A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.098	3.16	0.189	---	0.0219
2		---	---	ND	---	0.0219
3		---	---	ND	---	0.0219
4		13.129	1.57	2.90	---	0.0219
5		---	---	ND	---	0.0219
6		16.045	1.50	0.0688	---	0.0219
7		---	---	ND	---	0.0219
8		16.564	1.58	0.0952 U	---	0.0219
9		---	---	ND	---	0.0219
10		13.355	1.57	0.0942	---	0.0219
11		---	---	ND	---	0.215
12	12/13	---	---	ND	---	0.0438
13	12/13	---	---	ND	---	0.0438
14		---	---	ND	---	0.0219
15		20.156	1.57	0.106	---	0.0289
16		20.090	0.98	0.0336	---	0.0219
17		19.570	1.04	0.272	---	0.0219
18	18/30	19.095	1.04	0.168	---	0.0438
19		16.918	1.03	1.88	---	0.0219
20	20/28	---	---	ND	---	0.113
21	21/33	---	---	ND	---	0.118
22		---	---	ND	---	0.0833
23		---	---	ND	---	0.0219
24		---	---	ND	---	0.0219
25		22.903	1.05	0.0916	---	0.0219
26	26/29	22.624	1.07	0.133	---	0.0438
27		19.813	1.02	0.235	---	0.0219
28	20/28	---	---	ND	---	0.113
29	26/29	22.624	1.07	(0.133)	---	0.0438
30	18/30	19.095	1.04	(0.168)	---	0.0438
31		---	---	ND	---	0.114
32		20.706	1.10	0.234	---	0.0219
33	21/33	---	---	ND	---	0.118
34		---	---	ND	---	0.0219
35		---	---	ND	---	0.0219
36		---	---	ND	---	0.0219
37		---	---	ND	---	0.0465
38		---	---	ND	---	0.0219
39		---	---	ND	---	0.0219
40	40/41/71	27.729	0.77	0.175	---	0.0657
41	40/41/71	27.729	0.77	(0.175)	---	0.0657
42		27.203	0.78	0.0658	---	0.0219
43	43/73	25.718	0.82	0.0582	---	0.0438
44	44/47/65	26.693	0.78	1.55	---	0.0657
45	45/51	23.738	0.78	1.08	---	0.0438
46		23.986	0.77	0.0489	---	0.0219
47	44/47/65	26.693	0.78	(1.55)	---	0.0657
48		---	---	ND	---	0.0219

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: New Lenox Rd Bridge
Lab Sample ID: 10686845015
Filename: P240403A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.089	0.78	0.988	---	0.0438
50	50/53	22.918	0.77	0.785	---	0.0438
51	45/51	23.738	0.78	(1.08)	---	0.0438
52		25.548	0.78	0.918	---	0.113
53	50/53	22.918	0.77	(0.785)	---	0.0438
54		20.490	0.79	0.421	---	0.0219
55		---	---	ND	---	0.0219
56		---	---	ND	---	0.0219
57		---	---	ND	---	0.0219
58		---	---	ND	---	0.0219
59	59/62/75	---	---	ND	---	0.0657
60		---	---	ND	---	0.0219
61	61/70/74/76	30.690	0.82	0.180	---	0.0877
62	59/62/75	---	---	ND	---	0.0657
63		---	---	ND	---	0.0219
64		27.976	0.76	0.0487	---	0.0219
65	44/47/65	26.693	0.78	(1.55)	---	0.0657
66		31.046	0.81	0.126	---	0.0517
67		---	---	ND	---	0.0219
68		---	---	ND	---	0.0219
69	49/69	26.089	0.78	(0.988)	---	0.0438
70	61/70/74/76	30.690	0.82	(0.180)	---	0.0877
71	40/41/71	27.729	0.77	(0.175)	---	0.0657
72		---	---	ND	---	0.0219
73	43/73	25.718	0.82	(0.0582)	---	0.0438
74	61/70/74/76	30.690	0.82	(0.180)	---	0.0877
75	59/62/75	---	---	ND	---	0.0657
76	61/70/74/76	30.690	0.82	(0.180)	---	0.0877
77		---	---	ND	---	0.0219
78		---	---	ND	---	0.0219
79		---	---	ND	---	0.0219
80		---	---	ND	---	0.0219
81		---	---	ND	---	0.0219
82		35.270	1.54	0.0408	---	0.0219
83		33.351	1.56	0.0355	---	0.0219
84		30.922	1.55	0.144	---	0.0219
85	85/116/117	34.775	1.56	0.117	---	0.0657
86	86/87/97/108/119/125	34.109	1.57	0.435	---	0.131
87	86/87/97/108/119/125	34.109	1.57	(0.435)	---	0.131
88	88/91	30.690	1.57	0.304	---	0.0438
89		---	---	ND	---	0.0219
90	90/101/113	32.871	1.56	1.41	---	0.0657
91	88/91	30.690	1.57	(0.304)	---	0.0438
92		32.252	1.54	0.314	---	0.0219
93	93/98/100/102	30.025	1.55	0.285	---	0.0877
94		29.298	1.52	0.0565	---	0.0219
95		29.762	1.55	1.14	---	0.0614
96		26.986	1.49	0.0323	---	0.0219

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: New Lenox Rd Bridge
Lab Sample ID: 10686845015
Filename: P240403A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.109	1.57	(0.435)	---	0.131
98	93/98/100/102	30.025	1.55	(0.285)	---	0.0877
99		33.490	1.49	0.449	---	0.0219
100	93/98/100/102	30.025	1.55	(0.285)	---	0.0877
101	90/101/113	32.871	1.56	(1.41)	---	0.0657
102	93/98/100/102	30.025	1.55	(0.285)	---	0.0877
103		29.066	1.55	0.101	---	0.0219
104		26.600	1.43	0.0476	---	0.0219
105		39.264	1.58	0.125	---	0.0219
106		---	---	ND	---	0.0219
107	107/124	---	---	ND	---	0.0438
108	86/87/97/108/119/125	34.109	1.57	(0.435)	---	0.131
109		37.604	1.57	0.0395	---	0.0219
110	110/115	34.929	1.56	0.975	---	0.0438
111		---	---	ND	---	0.0219
112		---	---	ND	---	0.0219
113	90/101/113	32.871	1.56	(1.41)	---	0.0657
114		---	---	ND	---	0.0219
115	110/115	34.929	1.56	(0.975)	---	0.0438
116	85/116/117	34.775	1.56	(0.117)	---	0.0657
117	85/116/117	34.775	1.56	(0.117)	---	0.0657
118		38.056	1.60	0.458	---	0.0342
119	86/87/97/108/119/125	34.109	1.57	(0.435)	---	0.131
120		---	---	ND	---	0.0219
121		---	---	ND	---	0.0219
122		---	---	ND	---	0.0219
123		---	---	ND	---	0.0219
124	107/124	---	---	ND	---	0.0438
125	86/87/97/108/119/125	34.109	1.57	(0.435)	---	0.131
126		---	---	ND	---	0.0219
127		---	---	ND	---	0.0219
128	128/166	42.550	1.25	0.120	---	0.0438
129	129/138/163	41.259	1.25	2.89	---	0.0657
130		40.588	1.23	0.110	---	0.0219
131		---	---	ND	---	0.0219
132		38.157	1.23	0.795	---	0.0219
133		38.677	1.27	0.0562	---	0.0219
134	134/143	37.067	1.26	0.135	---	0.0438
135	135/151	35.889	1.26	1.38	---	0.0438
136		33.382	1.25	0.427	---	0.0219
137		40.823	1.20	0.0417	---	0.0219
138	129/138/163	41.259	1.25	(2.89)	---	0.0657
139	139/140	---	---	ND	---	0.0438
140	139/140	---	---	ND	---	0.0438
141		40.169	1.24	0.654	---	0.0219
142		---	---	ND	---	0.0219
143	134/143	37.067	1.26	(0.135)	---	0.0438
144		36.492	1.24	0.156	---	0.0219

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	New Lenox Rd Bridge
Lab Sample ID	10686845015
Filename	P240403A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0219
146		39.347	1.27	0.472	---	0.0219
147	147/149	36.866	1.25	2.97	---	0.0438
148		---	---	ND	---	0.0219
149	147/149	36.866	1.25	(2.97)	---	0.0438
150		---	---	ND	---	0.0219
151	135/151	35.889	1.26	(1.38)	---	0.0438
152		---	---	ND	---	0.0219
153	153/168	39.985	1.25	2.94	---	0.0438
154		36.167	1.24	0.0673	---	0.0219
155		---	---	ND	---	0.0219
156	156/157	45.507	1.27	0.148	---	0.0438
157	156/157	45.507	1.27	(0.148)	---	0.0438
158		41.661	1.29	0.218	---	0.0219
159		---	---	ND	---	0.0219
160		---	---	ND	---	0.0219
161		---	---	ND	---	0.0219
162		---	---	ND	---	0.0219
163	129/138/163	41.259	1.25	(2.89)	---	0.0657
164		40.940	1.24	0.191	---	0.0219
165		---	---	ND	---	0.0219
166	128/166	42.550	1.25	(0.120)	---	0.0438
167		44.333	1.31	0.0771	---	0.0219
168	153/168	39.985	1.25	(2.94)	---	0.0438
169		---	---	ND	---	0.0219
170		48.207	1.03	0.967	---	0.0219
171	171/173	44.618	1.04	0.320	---	0.0438
172		46.261	1.12	0.193	---	0.0219
173	171/173	44.618	1.04	(0.320)	---	0.0438
174		43.511	1.09	1.16	---	0.0219
175		42.366	1.14	0.0448	---	0.0219
176		39.850	1.03	0.151	---	0.0219
177		43.964	1.03	0.716	---	0.0219
178		41.712	1.01	0.267	---	0.0219
179		38.928	1.03	0.552	---	0.0219
180	180/193	46.932	1.06	2.41	---	0.0438
181		---	---	ND	---	0.0219
182		---	---	ND	---	0.0219
183	183/185	43.277	1.02	0.834	---	0.0438
184		---	---	ND	---	0.0219
185	183/185	43.277	1.02	(0.834)	---	0.0438
186		---	---	ND	---	0.0219
187		42.651	1.03	1.26	---	0.0219
188		---	---	ND	---	0.0219
189		51.373	1.01	0.0361	---	0.0219
190		48.760	1.03	0.223	---	0.0219
191		47.284	1.08	0.0430	---	0.0219
192		---	---	ND	---	0.0219

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: New Lenox Rd Bridge
Lab Sample ID: 10686845015
Filename: P240403A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.932	1.06	(2.41)	---	0.0438
194		53.507	0.90	0.448	---	0.0219
195		51.136	0.88	0.168	---	0.0219
196		49.582	0.90	0.254	---	0.0219
197	197/200	46.060	0.89	0.0933	---	0.0438
198	198/199	48.911	0.92	0.458	---	0.0438
199	198/199	48.911	0.92	(0.458)	---	0.0438
200	197/200	46.060	0.89	(0.0933)	---	0.0438
201		45.054	0.87	0.0689	---	0.0219
202		44.081	0.90	0.0999	---	0.0219
203		49.783	0.91	0.314	---	0.0219
204		---	---	ND	---	0.0219
205		53.981	0.94	0.0291	---	0.0219
206		55.727	0.76	0.113	---	0.0219
207		---	---	ND	---	0.0219
208		---	---	ND	---	0.0219
209		---	---	ND	---	0.0219

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	New Lenox Rd Bridge
Lab Sample ID	10686845015
Filename	P240403A_12

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.189
Total Dichloro Biphenyls	3.26
Total Trichloro Biphenyls	3.05
Total Tetrachloro Biphenyls	6.44
Total Pentachloro Biphenyls	6.51
Total Hexachloro Biphenyls	13.9
Total Heptachloro Biphenyls	9.17
Total Octachloro Biphenyls	1.93
Total Nonachloro Biphenyls	0.113
DecachloroBiphenyls	ND
Total PCBs	44.5

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Near Pittsfield WWTP		
Lab Sample ID	10686845016		
Filename	P240403B_04		
Injected By	AH5		
Total Amount Extracted	1710 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	03/15/2024 16:15
ICAL ID	P240403B02	Received	03/19/2024 08:50
CCal Filename(s)	P240403B_01	Extracted	03/26/2024 14:00
Method Blank ID	BLANK-111882	Analyzed	04/04/2024 00:35

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.087	3.13	2.0	0.791	40
13C-4-MoCB	3	12.823	3.10	2.0	1.02	51
13C-2,2'-DiCB	4	13.117	1.51	2.0	0.835	42
13C-4,4'-DiCB	15	20.133	1.61	2.0	1.43	72
13C-2,2',6-TrCB	19	16.895	1.05	2.0	0.927	46
13C-3,4,4'-TrCB	37	27.883	1.07	2.0	1.66	83
13C-2,2',6,6'-TeCB	54	20.473	0.81	2.0	0.945	47
13C-3,4,4',5-TeCB	81	35.020	0.79	2.0	1.86	93
13C-3,3',4,4'-TeCB	77	35.608	0.82	2.0	1.74	87
13C-2,2',4,6,6'-PeCB	104	26.568	1.60	2.0	1.10	55
13C-2,3,3',4,4'-PeCB	105	39.228	1.61	2.0	1.81	91
13C-2,3,4,4',5-PeCB	114	38.574	1.65	2.0	1.77	88
13C-2,3',4,4',5-PeCB	118	38.021	1.60	2.0	1.81	90
13C-2,3',4,4',5'-PeCB	123	37.685	1.59	2.0	1.81	91
13C-3,3',4,4',5-PeCB	126	42.396	1.58	2.0	1.84	92
13C-2,2',4,4',6,6'-HxCB	155	32.623	1.26	2.0	1.23	61
13C-HxCB (156/157)	156/157	45.486	1.28	4.0	3.39	85
13C-2,3',4,4',5,5'-HxCB	167	44.313	1.29	2.0	1.74	87
13C-3,3',4,4',5,5'-HxCB	169	48.789	1.31	2.0	1.67	83
13C-2,2',3,4',5,6,6'-HpCB	188	38.557	1.04	2.0	1.54	77
13C-2,3,3',4,4',5,5'-HpCB	189	51.343	1.09	2.0	1.82	91
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.045	0.91	2.0	1.61	81
13C-2,3,3',4,4',5,5',6-OcCB	205	53.951	0.89	2.0	1.62	81
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.696	0.80	2.0	1.49	74
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.847	0.76	2.0	1.67	84
13C-DeCB	209	57.291	0.70	2.0	1.46	73
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.536	1.08	2.0	1.57	79
13C-2,3,3',5,5'-PeCB	111	35.655	1.60	2.0	1.48	74
13C-2,2',3,3',5,5',6-HpCB	178	41.675	1.03	2.0	1.58	79
Recovery Standards						
13C-2,5-DiCB	9	15.547	1.59	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.532	0.81	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.839	1.55	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.223	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.476	0.91	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10686845016
Filename	P240403B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
1		10.109	3.18	0.253		---	0.0234
2		---	---	ND		---	0.0234
3		---	---	ND		---	0.0234
4		13.140	1.56	3.40		---	0.0234
5		---	---	ND		---	0.0234
6		16.044	1.63	0.0772		---	0.0234
7		---	---	ND		---	0.0234
8		16.563	1.58	0.0965	U	---	0.0234
9		---	---	ND		---	0.0234
10		13.354	1.50	0.110		---	0.0234
11		---	---	ND		---	0.229
12	12/13	---	---	ND		---	0.0467
13	12/13	---	---	ND		---	0.0467
14		---	---	ND		---	0.0234
15		20.156	1.63	0.0920		---	0.0308
16		20.078	1.06	0.0300		---	0.0234
17		19.581	1.04	0.255		---	0.0234
18	18/30	19.094	1.06	0.153		---	0.0467
19		16.917	1.04	1.72		---	0.0234
20	20/28	---	---	ND		---	0.121
21	21/33	---	---	ND		---	0.126
22		---	---	ND		---	0.0888
23		---	---	ND		---	0.0234
24		---	---	ND		---	0.0234
25		22.887	0.99	0.0809		---	0.0234
26	26/29	22.624	1.03	0.131		---	0.0467
27		19.824	1.04	0.244		---	0.0234
28	20/28	---	---	ND		---	0.121
29	26/29	22.624	1.03	(0.131)		---	0.0467
30	18/30	19.094	1.06	(0.153)		---	0.0467
31		---	---	ND		---	0.122
32		20.706	1.07	0.201		---	0.0234
33	21/33	---	---	ND		---	0.126
34		---	---	ND		---	0.0234
35		---	---	ND		---	0.0234
36		---	---	ND		---	0.0234
37		---	---	ND		---	0.0495
38		---	---	ND		---	0.0234
39		---	---	ND		---	0.0234
40	40/41/71	27.728	0.78	0.145		---	0.0701
41	40/41/71	27.728	0.78	(0.145)		---	0.0701
42		27.202	0.79	0.0580		---	0.0234
43	43/73	---	---	ND		---	0.0467
44	44/47/65	26.692	0.78	1.17		---	0.0701
45	45/51	23.753	0.78	0.824		---	0.0467
46		24.000	0.85	0.0421		---	0.0234
47	44/47/65	26.692	0.78	(1.17)		---	0.0701
48		---	---	ND		---	0.0234

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Near Pittsfield WWTP
Lab Sample ID: 10686845016
Filename: P240403B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.089	0.79	0.786	---	0.0467
50	50/53	22.902	0.77	0.661	---	0.0467
51	45/51	23.753	0.78	(0.824)	---	0.0467
52		25.547	0.77	0.835	---	0.121
53	50/53	22.902	0.77	(0.661)	---	0.0467
54		20.489	0.79	0.319	---	0.0234
55		---	---	ND	---	0.0234
56		---	---	ND	---	0.0234
57		---	---	ND	---	0.0234
58		---	---	ND	---	0.0234
59	59/62/75	---	---	ND	---	0.0701
60		---	---	ND	---	0.0234
61	61/70/74/76	30.674	0.81	0.171	---	0.0935
62	59/62/75	---	---	ND	---	0.0701
63		---	---	ND	---	0.0234
64		27.960	0.77	0.0468	---	0.0234
65	44/47/65	26.692	0.78	(1.17)	---	0.0701
66		31.045	0.76	0.107	---	0.0552
67		---	---	ND	---	0.0234
68		---	---	ND	---	0.0234
69	49/69	26.089	0.79	(0.786)	---	0.0467
70	61/70/74/76	30.674	0.81	(0.171)	---	0.0935
71	40/41/71	27.728	0.78	(0.145)	---	0.0701
72		---	---	ND	---	0.0234
73	43/73	---	---	ND	---	0.0467
74	61/70/74/76	30.674	0.81	(0.171)	---	0.0935
75	59/62/75	---	---	ND	---	0.0701
76	61/70/74/76	30.674	0.81	(0.171)	---	0.0935
77		---	---	ND	---	0.0234
78		---	---	ND	---	0.0234
79		---	---	ND	---	0.0234
80		---	---	ND	---	0.0234
81		---	---	ND	---	0.0234
82		35.268	1.49	0.0436	---	0.0234
83		33.334	1.40	0.0327	---	0.0234
84		30.906	1.57	0.147	---	0.0234
85	85/116/117	34.773	1.55	0.108	---	0.0701
86	86/87/97/108/119/125	34.092	1.52	0.423	---	0.140
87	86/87/97/108/119/125	34.092	1.52	(0.423)	---	0.140
88	88/91	30.689	1.53	0.276	---	0.0467
89		---	---	ND	---	0.0234
90	90/101/113	32.870	1.57	1.33	---	0.0701
91	88/91	30.689	1.53	(0.276)	---	0.0467
92		32.252	1.57	0.283	---	0.0234
93	93/98/100/102	30.009	1.56	0.241	---	0.0935
94		29.297	1.53	0.0473	---	0.0234
95		29.761	1.58	1.13	---	0.0654
96		26.970	1.45	0.0278	---	0.0234

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10686845016
Filename	P240403B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.092	1.52	(0.423)	---	0.140
98	93/98/100/102	30.009	1.56	(0.241)	---	0.0935
99		33.489	1.54	0.398	---	0.0234
100	93/98/100/102	30.009	1.56	(0.241)	---	0.0935
101	90/101/113	32.870	1.57	(1.33)	---	0.0701
102	93/98/100/102	30.009	1.56	(0.241)	---	0.0935
103		29.065	1.56	0.0861	---	0.0234
104		26.584	1.64	0.0348	---	0.0234
105		39.261	1.56	0.128	---	0.0234
106		---	---	ND	---	0.0234
107	107/124	---	---	ND	---	0.0467
108	86/87/97/108/119/125	34.092	1.52	(0.423)	---	0.140
109		37.585	1.56	0.0358	---	0.0234
110	110/115	34.928	1.55	0.914	---	0.0467
111		---	---	ND	---	0.0234
112		---	---	ND	---	0.0234
113	90/101/113	32.870	1.57	(1.33)	---	0.0701
114		---	---	ND	---	0.0234
115	110/115	34.928	1.55	(0.914)	---	0.0467
116	85/116/117	34.773	1.55	(0.108)	---	0.0701
117	85/116/117	34.773	1.55	(0.108)	---	0.0701
118		38.037	1.73	0.422	---	0.0365
119	86/87/97/108/119/125	34.092	1.52	(0.423)	---	0.140
120		---	---	ND	---	0.0234
121		---	---	ND	---	0.0234
122		---	---	ND	---	0.0234
123		---	---	ND	---	0.0234
124	107/124	---	---	ND	---	0.0467
125	86/87/97/108/119/125	34.092	1.52	(0.423)	---	0.140
126		---	---	ND	---	0.0234
127		---	---	ND	---	0.0234
128	128/166	42.547	1.26	0.196	---	0.0467
129	129/138/163	41.257	1.26	2.51	---	0.0701
130		40.586	1.34	0.0928	---	0.0234
131		---	---	ND	---	0.0234
132		38.155	1.24	0.708	---	0.0234
133		38.674	1.33	0.0480	---	0.0234
134	134/143	37.065	1.22	0.123	---	0.0467
135	135/151	35.887	1.26	1.29	---	0.0467
136		33.381	1.25	0.406	---	0.0234
137		40.820	1.26	0.0517	---	0.0234
138	129/138/163	41.257	1.26	(2.51)	---	0.0701
139	139/140	---	---	ND	---	0.0467
140	139/140	---	---	ND	---	0.0467
141		40.167	1.28	0.611	---	0.0234
142		---	---	ND	---	0.0234
143	134/143	37.065	1.22	(0.123)	---	0.0467
144		36.474	1.18	0.143	---	0.0234

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Near Pittsfield WWTP
Lab Sample ID: 10686845016
Filename: P240403B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0234
146		39.328	1.26	0.423	---	0.0234
147	147/149	36.847	1.25	2.70	---	0.0467
148		---	---	ND	---	0.0234
149	147/149	36.847	1.25	(2.70)	---	0.0467
150		---	---	ND	---	0.0234
151	135/151	35.887	1.26	(1.29)	---	0.0467
152		---	---	ND	---	0.0234
153	153/168	39.965	1.26	2.62	---	0.0467
154		36.165	1.27	0.0603	---	0.0234
155		---	---	ND	---	0.0234
156	156/157	45.486	1.27	0.134	---	0.0467
157	156/157	45.486	1.27	(0.134)	---	0.0467
158		41.659	1.25	0.194	---	0.0234
159		---	---	ND	---	0.0234
160		---	---	ND	---	0.0234
161		---	---	ND	---	0.0234
162		---	---	ND	---	0.0234
163	129/138/163	41.257	1.26	(2.51)	---	0.0701
164		40.921	1.24	0.172	---	0.0234
165		---	---	ND	---	0.0234
166	128/166	42.547	1.26	(0.196)	---	0.0467
167		44.330	1.25	0.0635	---	0.0234
168	153/168	39.965	1.26	(2.62)	---	0.0467
169		---	---	ND	---	0.0234
170		48.203	1.06	0.895	---	0.0234
171	171/173	44.598	1.00	0.300	---	0.0467
172		46.241	1.02	0.183	---	0.0234
173	171/173	44.598	1.00	(0.300)	---	0.0467
174		43.508	1.05	1.07	---	0.0234
175		42.363	1.13	0.0423	---	0.0234
176		39.831	1.03	0.145	---	0.0234
177		43.961	1.05	0.673	---	0.0234
178		41.692	1.02	0.255	---	0.0234
179		38.909	1.04	0.517	---	0.0234
180	180/193	46.912	1.03	2.28	---	0.0467
181		---	---	ND	---	0.0234
182		---	---	ND	---	0.0234
183	183/185	43.273	1.04	0.777	---	0.0467
184		---	---	ND	---	0.0234
185	183/185	43.273	1.04	(0.777)	---	0.0467
186		---	---	ND	---	0.0234
187		42.631	1.04	1.29	---	0.0234
188		---	---	ND	---	0.0234
189		51.364	1.10	0.0329	---	0.0234
190		48.739	1.07	0.218	---	0.0234
191		47.280	1.01	0.0390	---	0.0234
192		---	---	ND	---	0.0234

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Near Pittsfield WWTP
Lab Sample ID: 10686845016
Filename: P240403B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.912	1.03	(2.28)	---	0.0467
194		53.498	0.89	0.464	---	0.0234
195		51.127	0.88	0.197	---	0.0234
196		49.577	0.89	0.255	---	0.0234
197	197/200	46.057	0.87	0.0898	---	0.0467
198	198/199	48.890	0.87	0.468	---	0.0467
199	198/199	48.890	0.87	(0.468)	---	0.0467
200	197/200	46.057	0.87	(0.0898)	---	0.0467
201		45.034	0.93	0.0680	---	0.0234
202		44.078	0.90	0.104	---	0.0234
203		49.778	0.91	0.325	---	0.0234
204		---	---	ND	---	0.0234
205		53.972	0.84	0.0271	---	0.0234
206		55.718	0.79	0.142	---	0.0234
207		---	---	ND	---	0.0234
208		50.869	0.74	0.0290	---	0.0234
209		---	---	ND	---	0.0234

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10686845016
Filename	P240403B_04

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.253
Total Dichloro Biphenyls	3.77
Total Trichloro Biphenyls	2.82
Total Tetrachloro Biphenyls	5.17
Total Pentachloro Biphenyls	6.11
Total Hexachloro Biphenyls	12.6
Total Heptachloro Biphenyls	8.72
Total Octachloro Biphenyls	2.00
Total Nonachloro Biphenyls	0.171
DecachloroBiphenyls	ND
Total PCBs	41.6

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Pomeroy Avenue Bridge		
Lab Sample ID	10686845017		
Filename	P240403B_05		
Injected By	AH5		
Total Amount Extracted	1720 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	03/15/2024 17:45
ICAL ID	P240403B02	Received	03/19/2024 08:50
CCal Filename(s)	P240403B_01	Extracted	03/26/2024 14:00
Method Blank ID	BLANK-111882	Analyzed	04/04/2024 01:38

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.019	3.08	2.0	0.788	39
13C-4-MoCB	3	12.778	3.13	2.0	1.04	52
13C-2,2'-DiCB	4	13.072	1.55	2.0	0.875	44
13C-4,4'-DiCB	15	20.111	1.61	2.0	1.43	71
13C-2,2',6-TrCB	19	16.862	1.04	2.0	1.02	51
13C-3,4,4'-TrCB	37	27.868	1.09	2.0	1.51	76
13C-2,2',6,6'-TeCB	54	20.443	0.77	2.0	0.958	48
13C-3,4,4',5-TeCB	81	35.021	0.80	2.0	1.74	87
13C-3,3',4,4'-TeCB	77	35.593	0.80	2.0	1.45	73
13C-2,2',4,6,6'-PeCB	104	26.553	1.56	2.0	1.12	56
13C-2,3,3',4,4'-PeCB	105	39.228	1.59	2.0	1.63	81
13C-2,3,4,4',5-PeCB	114	38.574	1.61	2.0	1.65	82
13C-2,3',4,4',5-PeCB	118	38.021	1.58	2.0	1.67	83
13C-2,3',4,4',5'-PeCB	123	37.669	1.61	2.0	1.69	84
13C-3,3',4,4',5-PeCB	126	42.397	1.55	2.0	1.68	84
13C-2,2',4,4',6,6'-HxCB	155	32.623	1.24	2.0	1.23	61
13C-HxCB (156/157)	156/157	45.470	1.28	4.0	3.00	75
13C-2,3',4,4',5,5'-HxCB	167	44.296	1.30	2.0	1.58	79
13C-3,3',4,4',5,5'-HxCB	169	48.773	1.27	2.0	1.46	73
13C-2,2',3,4',5,6,6'-HpCB	188	38.557	1.03	2.0	1.68	84
13C-2,3,3',4,4',5,5'-HpCB	189	51.343	1.07	2.0	1.75	88
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.045	0.88	2.0	1.73	87
13C-2,3,3',4,4',5,5',6-OcCB	205	53.951	0.91	2.0	1.52	76
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.696	0.78	2.0	1.42	71
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.826	0.79	2.0	1.74	87
13C-DeCB	209	57.291	0.69	2.0	1.43	72
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.521	1.07	2.0	1.41	71
13C-2,3,3',5,5'-PeCB	111	35.639	1.60	2.0	1.13	57
13C-2,2',3,3',5,5',6-HpCB	178	41.659	1.04	2.0	1.58	79
Recovery Standards						
13C-2,5-DiCB	9	15.514	1.60	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.517	0.80	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.840	1.60	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.206	1.25	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.455	0.90	2.0	NA	NA

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Pomeroy Avenue Bridge
Lab Sample ID	10686845017
Filename	P240403B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.041	3.18	0.481	---	0.0232
2		---	---	ND	---	0.0232
3		12.789	3.21	0.0329	---	0.0232
4		13.094	1.57	3.93	---	0.0232
5		---	---	ND	---	0.0232
6		16.011	1.60	0.137	---	0.0232
7		---	---	ND	---	0.0232
8		16.542	1.55	0.181	---	0.0232
9		15.536	1.39	0.0249	---	0.0232
10		13.309	1.57	0.139	---	0.0232
11		---	---	ND	---	0.228
12	12/13	---	---	ND	---	0.0465
13	12/13	---	---	ND	---	0.0465
14		---	---	ND	---	0.0232
15		20.133	1.67	0.0731	---	0.0307
16		20.067	1.12	0.0454	---	0.0232
17		19.559	1.09	0.201	---	0.0232
18	18/30	19.073	1.05	0.166	---	0.0465
19		16.884	1.04	0.871	---	0.0232
20	20/28	---	---	ND	---	0.120
21	21/33	---	---	ND	---	0.125
22		---	---	ND	---	0.0883
23		---	---	ND	---	0.0232
24		---	---	ND	---	0.0232
25		22.871	1.01	0.0409	---	0.0232
26	26/29	22.608	1.10	0.0849	---	0.0465
27		19.791	1.04	0.196	---	0.0232
28	20/28	---	---	ND	---	0.120
29	26/29	22.608	1.10	(0.0849)	---	0.0465
30	18/30	19.073	1.05	(0.166)	---	0.0465
31		---	---	ND	---	0.121
32		20.675	1.06	0.0856	---	0.0232
33	21/33	---	---	ND	---	0.125
34		---	---	ND	---	0.0232
35		---	---	ND	---	0.0232
36		---	---	ND	---	0.0232
37		---	---	ND	---	0.0493
38		---	---	ND	---	0.0232
39		---	---	ND	---	0.0232
40	40/41/71	---	---	ND	---	0.0697
41	40/41/71	---	---	ND	---	0.0697
42		---	---	ND	---	0.0232
43	43/73	---	---	ND	---	0.0465
44	44/47/65	26.677	0.78	0.177	---	0.0697
45	45/51	23.737	0.77	0.0941	---	0.0465
46		---	---	ND	---	0.0232
47	44/47/65	26.677	0.78	(0.177)	---	0.0697
48		---	---	ND	---	0.0232

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of PaceAnalytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Pomeroy Avenue Bridge
Lab Sample ID: 10686845017
Filename: P240403B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.073	0.78	0.142	---	0.0465
50	50/53	22.902	0.77	0.143	---	0.0465
51	45/51	23.737	0.77	(0.0941)	---	0.0465
52		25.547	0.77	0.308	---	0.120
53	50/53	22.902	0.77	(0.143)	---	0.0465
54		20.489	0.82	0.0476	---	0.0232
55		---	---	ND	---	0.0232
56		---	---	ND	---	0.0232
57		---	---	ND	---	0.0232
58		---	---	ND	---	0.0232
59	59/62/75	---	---	ND	---	0.0697
60		---	---	ND	---	0.0232
61	61/70/74/76	---	---	ND	---	0.0929
62	59/62/75	---	---	ND	---	0.0697
63		---	---	ND	---	0.0232
64		27.961	0.74	0.0257	---	0.0232
65	44/47/65	26.677	0.78	(0.177)	---	0.0697
66		---	---	ND	---	0.0548
67		---	---	ND	---	0.0232
68		---	---	ND	---	0.0232
69	49/69	26.073	0.78	(0.142)	---	0.0465
70	61/70/74/76	---	---	ND	---	0.0929
71	40/41/71	---	---	ND	---	0.0697
72		---	---	ND	---	0.0232
73	43/73	---	---	ND	---	0.0465
74	61/70/74/76	---	---	ND	---	0.0929
75	59/62/75	---	---	ND	---	0.0697
76	61/70/74/76	---	---	ND	---	0.0929
77		---	---	ND	---	0.0232
78		---	---	ND	---	0.0232
79		---	---	ND	---	0.0232
80		---	---	ND	---	0.0232
81		---	---	ND	---	0.0232
82		---	---	ND	---	0.0232
83		---	---	ND	---	0.0232
84		30.906	1.59	0.0288	---	0.0232
85	85/116/117	---	---	ND	---	0.0697
86	86/87/97/108/119/125	---	---	ND	---	0.139
87	86/87/97/108/119/125	---	---	ND	---	0.139
88	88/91	---	---	ND	---	0.0465
89		---	---	ND	---	0.0232
90	90/101/113	32.855	1.58	0.119	---	0.0697
91	88/91	---	---	ND	---	0.0465
92		---	---	ND	---	0.0232
93	93/98/100/102	---	---	ND	---	0.0929
94		---	---	ND	---	0.0232
95		29.746	1.61	0.174	---	0.0651
96		---	---	ND	---	0.0232

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Pomeroy Avenue Bridge
Lab Sample ID: 10686845017
Filename: P240403B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.139
98	93/98/100/102	---	---	ND	---	0.0929
99		33.474	1.54	0.0317	---	0.0232
100	93/98/100/102	---	---	ND	---	0.0929
101	90/101/113	32.855	1.58	(0.119)	---	0.0697
102	93/98/100/102	---	---	ND	---	0.0929
103		---	---	ND	---	0.0232
104		---	---	ND	---	0.0232
105		---	---	ND	---	0.0232
106		---	---	ND	---	0.0232
107	107/124	---	---	ND	---	0.0465
108	86/87/97/108/119/125	---	---	ND	---	0.139
109		---	---	ND	---	0.0232
110	110/115	34.912	1.50	0.0850	---	0.0465
111		---	---	ND	---	0.0232
112		---	---	ND	---	0.0232
113	90/101/113	32.855	1.58	(0.119)	---	0.0697
114		---	---	ND	---	0.0232
115	110/115	34.912	1.50	(0.0850)	---	0.0465
116	85/116/117	---	---	ND	---	0.0697
117	85/116/117	---	---	ND	---	0.0697
118		38.038	1.49	0.0376	---	0.0362
119	86/87/97/108/119/125	---	---	ND	---	0.139
120		---	---	ND	---	0.0232
121		---	---	ND	---	0.0232
122		---	---	ND	---	0.0232
123		---	---	ND	---	0.0232
124	107/124	---	---	ND	---	0.0465
125	86/87/97/108/119/125	---	---	ND	---	0.139
126		---	---	ND	---	0.0232
127		---	---	ND	---	0.0232
128	128/166	---	---	ND	---	0.0465
129	129/138/163	41.240	1.30	0.122	---	0.0697
130		---	---	ND	---	0.0232
131		---	---	ND	---	0.0232
132		38.138	1.28	0.0359	---	0.0232
133		---	---	ND	---	0.0232
134	134/143	---	---	ND	---	0.0465
135	135/151	35.871	1.25	0.0650	---	0.0465
136		33.366	1.19	0.0243	---	0.0232
137		---	---	ND	---	0.0232
138	129/138/163	41.240	1.30	(0.122)	---	0.0697
139	139/140	---	---	ND	---	0.0465
140	139/140	---	---	ND	---	0.0465
141		40.150	1.29	0.0272	---	0.0232
142		---	---	ND	---	0.0232
143	134/143	---	---	ND	---	0.0465
144		---	---	ND	---	0.0232

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Pomeroy Avenue Bridge
Lab Sample ID: 10686845017
Filename: P240403B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0232
146		---	---	ND	---	0.0232
147	147/149	36.847	1.23	0.125	---	0.0465
148		---	---	ND	---	0.0232
149	147/149	36.847	1.23	(0.125)	---	0.0465
150		---	---	ND	---	0.0232
151	135/151	35.871	1.25	(0.0650)	---	0.0465
152		---	---	ND	---	0.0232
153	153/168	39.966	1.25	0.117	---	0.0465
154		---	---	ND	---	0.0232
155		---	---	ND	---	0.0232
156	156/157	---	---	ND	---	0.0465
157	156/157	---	---	ND	---	0.0465
158		---	---	ND	---	0.0232
159		---	---	ND	---	0.0232
160		---	---	ND	---	0.0232
161		---	---	ND	---	0.0232
162		---	---	ND	---	0.0232
163	129/138/163	41.240	1.30	(0.122)	---	0.0697
164		---	---	ND	---	0.0232
165		---	---	ND	---	0.0232
166	128/166	---	---	ND	---	0.0465
167		---	---	ND	---	0.0232
168	153/168	39.966	1.25	(0.117)	---	0.0465
169		---	---	ND	---	0.0232
170		48.186	1.01	0.0329	---	0.0232
171	171/173	---	---	ND	---	0.0465
172		---	---	ND	---	0.0232
173	171/173	---	---	ND	---	0.0465
174		43.492	1.05	0.0378	---	0.0232
175		---	---	ND	---	0.0232
176		---	---	ND	---	0.0232
177		43.944	1.03	0.0235	---	0.0232
178		---	---	ND	---	0.0232
179		---	---	ND	---	0.0232
180	180/193	46.912	1.09	0.0774	---	0.0465
181		---	---	ND	---	0.0232
182		---	---	ND	---	0.0232
183	183/185	---	---	ND	---	0.0465
184		---	---	ND	---	0.0232
185	183/185	---	---	ND	---	0.0465
186		---	---	ND	---	0.0232
187		42.632	1.03	0.0450	---	0.0232
188		---	---	ND	---	0.0232
189		---	---	ND	---	0.0232
190		---	---	ND	---	0.0232
191		---	---	ND	---	0.0232
192		---	---	ND	---	0.0232

Conc=Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R= Recovery outside of Method 1668C control limits
Nn=Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I= Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Pomeroy Avenue Bridge
Lab Sample ID: 10686845017
Filename: P240403B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.912	1.09	(0.0774)	---	0.0465
194		---	---	ND	---	0.0232
195		---	---	ND	---	0.0232
196		---	---	ND	---	0.0232
197	197/200	---	---	ND	---	0.0465
198	198/199	---	---	ND	---	0.0465
199	198/199	---	---	ND	---	0.0465
200	197/200	---	---	ND	---	0.0465
201		---	---	ND	---	0.0232
202		---	---	ND	---	0.0232
203		---	---	ND	---	0.0232
204		---	---	ND	---	0.0232
205		---	---	ND	---	0.0232
206		---	---	ND	---	0.0232
207		---	---	ND	---	0.0232
208		---	---	ND	---	0.0232
209		---	---	ND	---	0.0232

Conc = Concentration
EML = Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

PaceAnalyticalServices,LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel:612-607-1700
Fax:612-607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Pomeroy Avenue Bridge
Lab Sample ID	10686845017
Filename	P240403B_05

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.514
Total Dichloro Biphenyls	4.49
Total Trichloro Biphenyls	1.69
Total Tetrachloro Biphenyls	0.937
Total Pentachloro Biphenyls	0.475
Total Hexachloro Biphenyls	0.516
Total Heptachloro Biphenyls	0.217
Total Octachloro Biphenyls	ND
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	8.83

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

General Electric Company

Data Validation Report

Baseline Surface Water Monitoring
Housatonic River – Rest of River
Pittsfield, Massachusetts

Polychlorinated Biphenyl (PCB) Congeners and Total Suspended Solids (TSS) Analyses

SDGs # 10689230, 10689293, 10689511, 10689785, 10690011, and 10690033

Tier I Level Data Review

Analyses Performed By:
Pace Analytical Services, Inc,
Minneapolis, Minnesota
And
Pace Analytical Services, Melville, New York

Report # 58556R
Project: 30299972.3000

Table of Contents

1 Summary 1
1.1 Analytical Data Package Documentation 2
1.2 Data Validation Procedures 3
2 Polychlorinated Biphenyl Congener Analyses 5
2.1 Holding Times 5
2.2 Blank Contamination 5
2.3 Field Duplicate Analysis 6
2.4 Compound Identification 8
2.5 Data Validation Checklist for PCB Congeners 9
3 General Chemistry Analyses 10
3.1 Holding Times 10
3.2 Field Duplicate Analysis 10
3.3 Data Validation Checklist for General Chemistry 10
4 Overall Data Usability 11

Tables

Table 1. Summary of Samples Subjected to Tier I Data Validation 1
Table 2. Evaluation of Data Package Completeness 2
Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation 4
Table 4. Holding Time for Method SW-846 USEPA Method 1668C 5
Table 5. Summary of Blank Contamination Qualifications 5
Table 6. Summary of Field Duplicate Analysis 6
Table 7. Data Validation Checklist for Polychlorinated Biphenyls 9
Table 8. Specified Holding Time 10
Table 9. Summary of Field Duplicate Analysis 10
Table 10. Data Validation Checklist for General Chemistry 10
Table 11. Overall Summary of Data Usability 11

Appendices

Appendix A Chain of Custody
Appendix B Annotated Sample Analysis Data Sheets

1 Summary

This attachment summarizes the data validation review of Sample Delivery Groups (SDGs) 10689230, 10689293, 10689511, 10689785, 10690011, and 10690033 performed on behalf of the General Electric Company (GE) for surface water sampling activities conducted as part of the Baseline Monitoring at the GE-Pittsfield/Housatonic River Site. The review was conducted at a Tier I level and included review of data package completeness. Field documentation was not included in this review. Included with this assessment are the chain-of-custody forms (Appendix A) and the validation annotated sample analysis data sheets (Appendix B). Analyses were performed on the samples listed in Table 1.

Table 1. Summary of Samples Subjected to Tier I Data Validation

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
10689230	DERBY DAM	10689230001	Water	04/09/2024			X
	STEVENSON DAM	10689230002	Water	04/09/2024			X
	SHEPAUG DAM	10689230003	Water	04/09/2024			X
	RT. 202 BRIDGE	10689230004	Water	04/09/2024			X
	RT. 341 BRIDGE	10689230005	Water	04/10/2024			X
	CANAAN TOWN LINE BRIDGE	10689230006	Water	04/10/2024			X
	FALLS VILLAGE DAM	10689230007	Water	04/10/2024			X
	RANNAPO RD BRIDGE	10689230008	Water	04/10/2024			X
	RISING POND DAM	10689230009	Water	04/11/2024			X
	OLD PLEASANT STREET BRIDGE	10689230010	Water	04/11/2024			X
10689293	DERBY DAM	10689293001	Water	04/09/2024		X	
	STEVENSON DAM	10689293002	Water	04/09/2024		X	
	SHEPAUG DAM	10689293003	Water	04/09/2024		X	
	RT. 202 BRIDGE	10689293004	Water	04/09/2024		X	
	RT. 341 BRIDGE	10689293005	Water	04/10/2024		X	
	CANAAN TOWN LINE BRIDGE	10689293006	Water	04/10/2024		X	
	FALLS VILLAGE DAM	10689293007	Water	04/10/2024		X	
	RANNAPO RD BRIDGE	10689293008	Water	04/10/2024		X	
10689511	WOODS POND DAM	10689511001	Water	04/11/2024			X
	NEW LENOX RD BRIDGE	10689511002	Water	04/12/2024			X
	POMEROY AVENUE BRIDGE	10689511003	Water	04/12/2024			X
	HR-D1	10689511004	Water	04/11/2024	WOODS POND DAM		X

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
10689785	NEW LENOX RD BRIDGE	10689785001	Water	04/12/2024		X	
	HR-D1	10689785002	Water	04/11/2024	WOODS POND DAM	X	
	POMEROY AVENUE BRIDGE	10689785003	Water	04/12/2024		X	
	RISING POND DAM	10689785004	Water	04/11/2024		X	
	OLD PLEASANT STREET BRIDGE	10689785006	Water	04/11/2024		X	
	HR-EB1	10689785007	Water	04/09/2024		X	
	WOODS POND DAM	10689785008	Water	04/11/2024		X	
10690011	NEAR PITTSFIELD WWTP	10690011001	Water	04/17/2024			X
10690033	NEAR PITTSFIELD WWTP	10690033001	Water	04/17/2024		X	

Notes:
PCB = Polychlorinated Biphenyl Congeners
TSS = Total suspended solids

1.1 Analytical Data Package Documentation

The table below is the evaluation of the data package completeness.

Table 2. Evaluation of Data Package Completeness

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

Note:
QA = Quality Assurance

1.2 Data Validation Procedures

Analyses were performed according to United States Environmental Protection Agency (EPA) SW-846 Methods USEPA Method 1668C, and Standard Method 2540D. Data were reviewed in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan – GE-Pittsfield/Housatonic River Site (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, prepared by Arcadis (Revised December 21, 2023);
- EPA Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (July 1996, revised December 1996) (EPA Region I Guidelines);
- EPA National Functional Guidelines for High Resolution Superfund Methods Data Review OLEM 9240.1-65EPA, 542-R-20-007 (November 2020); and
- Second Revised Baseline Monitoring Plan, Housatonic River – Rest of River, General Electric Company, Pittsfield, Massachusetts, prepared by Anchor QEA (January 2023).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers:
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers:
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
  - JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
  - UB Compound considered non-detect at the listed value due to associated blank contamination.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

R The sample results are rejected.

Two facts should be noted by all data users. First, the “R” flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. “R” values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Section 7.5 of the revised FSP/QAPP states that all analytical data will be validated to a Tier I level following the procedures presented in the EPA Region I Guidelines. The Tier I review consisted of a completeness evidence audit, as outlined in the EPA Region I CSF Completeness Evidence Audit Program (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the EPA Region I Tier I data completeness requirements.

Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the number of sample analyses subject to Tier I data review is presented in the following table.

Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	14	1	1	0	0	0	16
TSS	14	1	0	0	0	0	15

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in EPA Region I Guidelines. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. The annotated sample analysis data sheets attached to this validation report (Appendix B) reflect any added data qualifiers.

2 Polychlorinated Biphenyl Congener Analyses

2.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 4. Holding Time for Method SW-846 USEPA Method 1668C

Method	Matrix	Holding Time	Preservation
SW-846 USEPA Method 1668C	Water	One year from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria.

2.2 Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

All compounds associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the compounds listed in the following table. Sample results associated with QA blank contamination that were greater than the BAL resulted in the removal of the laboratory qualifier (B) of data. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Table 5. Summary of Blank Contamination Qualifications

SDG	Sample Locations	Compounds	Blank	Sample Result	Qualification
10689785	New Lenox Rd Bridge HR-D1 Pomeroy Avenue Bridge Rising Pond Dam Old Pleasant Street Bridge Woods Pond Dam	PCB-8	Equipment blank (HR-EB1)	Detected sample results >RL and <BAL	"U" at detected sample concentration
	Pomeroy Avenue Bridge	PCB-90/101/113			
	Pomeroy Avenue Bridge	PCB-95			
	Pomeroy Avenue Bridge	PCB-99			
	Pomeroy Avenue Bridge	PCB-110/115			
	Pomeroy Avenue Bridge	PCB-118			
	Pomeroy Avenue Bridge	PCB-132			

Note:
RL = Reporting limit

2.3 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In an instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 6. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
WOODS POND DAM / HR-D1	PCB-1	0.0643	0.0629	AC
	PCB-4	1.56	1.47	5.9%
	PCB-6	0.0333	0.0311	AC
	PCB-8	0.0438	0.0431	AC
	PCB-10	0.0609	0.0530	AC
	PCB-15	0.0823	0.0824	AC
	PCB-16	0.0244	0.0243 U	AC
	PCB-17	0.241	0.218	10.0%
	PCB-18/30	0.145	0.138	AC
	PCB-19	1.10	1.07	2.8%
	PCB-20/28	0.142	0.146	AC
	PCB-25	0.0926	0.0914	AC
	PCB-26/29	0.106	0.105	AC
	PCB-27	0.185	0.172	7.3%
	PCB-32	0.293	0.274	6.7%
	PCB-40/41/71	0.311	0.295	AC
	PCB-42	0.106	0.101	AC
	PCB-43/73	0.0727	0.0700	AC
	PCB-44/47/65	2.34	2.20	6.2%
	PCB-45/51	1.59	1.46	8.5%
	PCB-46	0.0699	0.0679	AC
	PCB-49/69	1.36	1.26	7.6%
	PCB-50/53	1.11	1.00	10.4%
	PCB-52	0.897	0.838	6.8%
	PCB-54	0.375	0.357	4.9%
	PCB-61/70/74/76	0.169	0.155	AC
	PCB-64	0.0482	0.0434	AC
	PCB-66	0.174	0.166	AC
	PCB-68	0.0346	0.0342	AC
	PCB-82	0.0398	0.0336	AC
	PCB-83	0.0415	0.0405	AC

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
	PCB-84	0.16	0.132	19.2%
	PCB-85/116/117	0.135	0.114	AC
	PCB-86/87/97/108/119/125	0.51	0.438	AC
	PCB-88/91	0.509	0.444	13.6%
	PCB-90/101/113	1.55	1.38	11.6%
	PCB-92	0.431	0.39	10.0%
	PCB-93/98/100/102	0.45	0.392	AC
	PCB-94	0.108	0.0962	AC
	PCB-95	1.18	1.01	15.5%
	PCB-96	0.0631	0.0544	AC
	PCB-99	0.645	0.535	18.6%
	PCB-103	0.154	0.139	10.2%
	PCB-104	0.0470	0.0406	AC
	PCB-105	0.106	0.0902	AC
	PCB-109	0.0468	0.0406	AC
	PCB-110/115	1.02	0.888	13.8%
	PCB-118	0.433	0.374	14.6%
	PCB-128/166	0.198	0.153	AC
	PCB-129/138/163	2.81	2.3	20.0%
	PCB-130	0.127	0.11	AC
	PCB-132	0.799	0.635	22.9%
	PCB-133	0.0698	0.0626	AC
	PCB-134/143	0.148	0.114	AC
	PCB-135/151	1.61	1.37	16.1%
	PCB-136	0.496	0.413	18.3%
	PCB-137	0.0457	0.0353	AC
	PCB-141	0.604	0.514	16.1%
	PCB-144	0.159	0.133	17.8%
	PCB-146	0.542	0.469	14.4%
	PCB-147/149	3.10	2.51	21.0%
	PCB-148	0.0263	0.0243 U	AC
	PCB-150	0.03	0.0243 U	AC
	PCB-152	0.0235	0.0243 U	AC
	PCB-153/168	3.01	2.50	18.5%
	PCB-154	0.103	0.088	AC
	PCB-156/157	0.135	0.116	AC
	PCB-158	0.200	0.161	21.6%
	PCB-159	0.0233	0.0243 U	AC
	PCB-164	0.200	0.169	16.8%
	PCB-167	0.079	0.0684	AC

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
	PCB-170	0.988	0.83	17.4%
	PCB-171/173	0.32	0.27	16.9%
	PCB-172	0.204	0.171	17.6%
	PCB-174	1.12	0.990	12.3%
	PCB-175	0.0517	0.0404	AC
	PCB-176	0.159	0.139	13.4%
	PCB-177	0.709	0.612	14.7%
	PCB-178	0.305	0.268	12.9%
	PCB-179	0.613	0.511	18.1%
	PCB-180/193	2.43	2.02	18.4%
	PCB-182	0.0236	0.0243 U	AC
	PCB-183/185	0.813	0.693	15.9%
	PCB-187	1.64	1.33	20.9%
	PCB-189	0.0391	0.0356	AC
	PCB-190	0.225	0.193	15.3%
	PCB-191	0.041	0.0346	AC
	PCB-194	0.503	0.463	8.3%
	PCB-195	0.235	0.206	13.2%
	PCB-196	0.284	0.253	11.5%
	PCB-197/200	0.0995	0.0857	AC
	PCB-198/199	0.641	0.523	20.3%
	PCB-201	0.0735	0.0659	AC
	PCB-202	0.113	0.104	AC
	PCB-203	0.347	0.311	10.9%
	PCB-205	0.030	0.0292	AC
	PCB-206	0.126	0.119	AC
	PCB-208	0.0237	0.0243 U	AC

Notes:
AC = Acceptable
The calculated RPDs between the parent sample and field duplicate were acceptable.

2.4 Compound Identification

PCB congeners by 1668C are identified by using the compound's ion abundance ratios, signal-to-noise values, and relative retention times.

An EMPC or "estimated maximum possible concentration" designation is given to compounds which have signals eluting within the established retention time window which would, if positively identified, be above the detection limit. The signals do not, however, meet the ion abundance ratio criteria and cannot be identified as the compound of interest. The EMPC value is the estimated concentration of the interferant quantitated "as the compound of interest". This value should be considered an elevated detection limit based on potential compound identification and quantitation interference. If the EMPC value is above the reporting limit, the qualifier UX has

been added to the sample results to indicate the elevated detection limit as EMPC. If the EMPC value is below the reporting limit, the compound is reported as non-detect at the reporting limit and no qualification is added.

2.5 Data Validation Checklist for PCB Congeners

Table 7. Data Validation Checklist for Polychlorinated Biphenyls

PCB Congeners; EPA1668C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
HIGH RESOLUTION GAS CHROMATOGRAPHY/HIGH RESOLUTION MASS SPECTROMETRY (HRGC/HRMS)					
Tier I Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks		X	X		
Field/Lab Duplicate (RPD)		X		X	
Dilution Factor		X		X	
Moisture Content	X				X
Ion abundance criteria for each instrument used		X		X	
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%RPD = Relative percent difference
%R = Percent recovery

When the laboratory case narrative outlines a quality issue and/or the laboratory applies qualifiers that exhibit potential QC issues beyond Tier I it will be added to the checklist above and the usability of the data will be addressed.

3 General Chemistry Analyses

3.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 8. Specified Holding Time

Method	Matrix	Holding Time	Preservation
Total Suspended Solids (TSS) by SM2540D	Water	7 days from collection to analysis	Cool to <6 °C.

All samples were analyzed within the specified holding time criteria.

3.2 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 9. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Analyte	Sample Result	Duplicate Result	RPD
WOODS POND DAM / HR-D1	TSS	2.4	4.0	AC

Note:
AC = Acceptable

3.3 Data Validation Checklist for General Chemistry

Table 10. Data Validation Checklist for General Chemistry

General Chemistry: SM2540D	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Miscellaneous Instrumentation					
Tier I Validation					
Holding Times		X		X	
Reporting limits (units)		X		X	
Field/Lab Duplicate (RPD)		X		X	
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%R = Percent recovery
RPD = Relative percent difference

4 Overall Data Usability

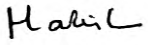
This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under Tier I data validation review. The percent usability calculation also includes quality control samples (i.e., field/equipment blanks, trip blanks, and field duplicates) to aid in the evaluation of data usability. Data usability is summarized in the following table.

Table 11. Overall Summary of Data Usability

Parameter	Percent Usability	Rejected Data
PCBs	100%	0
TSS	100%	0

The data package completeness, as determined from the Tier I data review was used to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses (discussed in this report) to provide a measure of compliance of the analytical data with the Data Quality Objectives specified in the FSP/QAPP.

VALIDATION PERFORMED BY: Hareesha Naik

SIGNATURE: 

DATE: March 28, 2025

PEER REVIEW: Andrew Korycinski

DATE: May 27, 2025

Appendix A

Chain of Custody

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 70294199

PM: BDR Due Date: 04/23/24

CLIENT: Pace-MN

BDR

ALL SHADED A

Company: Arcadis	Billing Information: accountspayable, administration @arcadis.com
Address: 110 W Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146.3000 Housatonic River BMP	State: MA County/City: Pittsfield Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET
Phone: 315-671-9374 Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Pamela T. Rabasco	Turnaround Date Required: Standard Immediately Packed on Ice: [✓] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: 4

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses: TSS Low Level SM2540D

Lab Profile/Line: 45643

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	TSS
Derby Dam	WT		04/09/24	13:00				1	X
Stevenson Dam	WT		04/09/24	14:30				1	X
Shepaug Dam	WT		04/09/24	16:15				1	X
Rt. 202 Bridge	WT		04/09/24	18:30				1	X
Rt. 341 Bridge	WT		04/10/24	14:30				1	X
Canaan Town Line Bridge	WT		04/10/24	17:15				1	X
Falls Village Dam	WT		04/10/24	12:45				1	X
Ramapo Rd Bridge	WT		04/10/24	18:20				1	X
Rising Pond Dam	WT		04/11/24	13:30				1	X
Old Pleasant Street Bridge	WT		04/11/24	15:15				1	X

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	~~NA~~
Custody Signatures Present	Y	N	~~NA~~
Collector Signature Present	~~Y~~	N	NA
Bottles Intact	~~Y~~	N	NA
Correct Bottles	~~Y~~	N	NA
Sufficient Volume	~~Y~~	N	NA
Samples Received on Ice	~~Y~~	N	NA
VOA - Headspace Acceptable	Y	N	~~NA~~
USDA Regulated Soils	Y	N	~~NA~~
Samples in Holding Time	~~Y~~	N	NA
Residual Chlorine Present	Y	N	~~NA~~
Cl Strips: _____			
Sample pH Acceptable	Y	N	~~NA~~
pH Strips: _____			
Sulfide Present	Y	N	~~NA~~
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:
* Please use entire sample for analysis.
Short Hold Time
Refer to Contract

Type of Ice Used: ~~Wet~~ Blue Dry None

Packing Material Used: Ziploc

Radchem sample(s) screened (<500 cpm): Y N ~~NA~~

SHORT HOLDS PRESENT (<72 hours): Y ~~N~~ N/A

Lab Tracking #: 715161307902943356

Samples received via: ~~FEDEX~~ UPS Client ~~Courier~~ ASC Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: ~~Y~~ N NA
Therm ID#: IR21
Cooler 1 Temp Upon Receipt: 2.0 oC
Cooler 1 Therm Corr. Factor: -0.4 oC
Cooler 1 Corrected Temp: 1.6 oC
Comments:

Relinquished by/Company: (Signature) Pamela T. Rabasco / Arcadis	Date/Time: 04/11/24 17:30	Received by/Company: (Signature) ARSPACE LV	Date/Time: 4/12/24 9:33
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N ~~NA~~
HCL MeOH TSP Other

Non Conformance(s): YES / ~~NO~~

Page: 1 of 1

Appendix B

Annotated Sample Analysis Data Sheets

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10689230

Sample: Derby Dam **Lab ID: 10689230001** Collected: 04/09/24 13:00 Received: 04/12/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.0**	mg/L	2.0	1		04/15/24 09:59		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10689230

Sample: Stevenson Dam **Lab ID: 10689230002** Collected: 04/09/24 14:30 Received: 04/12/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.0	1		04/15/24 09:59		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10689230

Sample: Shepaug Dam **Lab ID: 10689230003** Collected: 04/09/24 16:15 Received: 04/12/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**13.2**	mg/L	2.0	1		04/15/24 09:59		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10689230

Sample: Rt. 202 Bridge **Lab ID: 10689230004** Collected: 04/09/24 18:30 Received: 04/12/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.8**	mg/L	2.0	1		04/15/24 09:59		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10689230

Sample: Rt. 341 Brige **Lab ID: 10689230005** Collected: 04/10/24 14:30 Received: 04/12/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.4**	mg/L	2.0	1		04/15/24 16:01		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10689230

Sample: Canaan Town Line Bridge **Lab ID: 10689230006** Collected: 04/10/24 17:15 Received: 04/12/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**5.6**	mg/L	2.0	1		04/15/24 16:01		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10689230

Sample: Falls Village Dam **Lab ID: 10689230007** Collected: 04/10/24 12:45 Received: 04/12/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**4.8**	mg/L	2.0	1		04/15/24 16:01		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10689230

Sample: Rannapo Rd Bridge **Lab ID: 10689230008** Collected: 04/10/24 18:20 Received: 04/12/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**7.2**	mg/L	2.0	1		04/15/24 16:01		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10689230

Sample: Rising Pond Dam **Lab ID: 10689230009** Collected: 04/11/24 13:30 Received: 04/12/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**6.0**	mg/L	2.0	1		04/16/24 15:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10689230

Sample: Old Pleasant Street Bridge **Lab ID: 10689230010** Collected: 04/11/24 15:15 Received: 04/12/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**3.2**	mg/L	2.0	1		04/16/24 15:28		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder / M

WO# : 10689293

10689293

ALL SHADED /

Report No: 10689293_1668C_L2_dir

Company: Arcadis	Billing Information: accountspayable.administration@arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146.3000 Housatonic River BMP	State: MA County/City: Pittsfield Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET
Phone: 315-671-9374 Email:	Site/Facility ID #:
Collected By (print): P. Rabasco	Purchase Order #: Quote #:
Collected By (signature): Penelope T. Rabasco	Turnaround Date Required: Standard
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Preservative Type ** U	Analyses: PCB 1668	Lab Sample # / Comments
Derby Dam	WT		04/09/24	13:00				4		X	001
Stevenson Dam	WT		04/09/24	14:30				4		X	002
Shepaug Dam	WT		04/09/24	16:15				4		X	003
Rt. 202 Bridge	WT		04/09/24	18:30				4		X	004
Rt. 341 Bridge	WT		04/10/24	14:30				4		X	005
Canaan Town Line Bridge	WT		04/10/24	17:15				4		X	006
Falls Village Dam	WT		04/10/24	12:45				4		X	007
Rannapo Rd Bridge	WT		04/10/24	18:20				4		X	008

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards: Refer to contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2943354

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: (Y) N NA
Therm ID#: 9
Cooler 1 Temp Upon Receipt: _____ oC
Cooler 1 Therm Corr. Factor: -0.3 oC
Cooler 1 Corrected Temp: _____ oC
Comments: 2.9, 0.5, 1.1, 4.1

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope Rabasco / Arcadis	04/11/24 17:30		7/12/24
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Non Conformance(s): YES / NO

Page: 1 of: 1

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Derby Dam		
Lab Sample ID	10689293001		
Filename	Y240423B_05		
Injected By	AH5		
Total Amount Extracted	1760 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/09/2024 13:00
ICAL ID	Y240423B02	Received	04/12/2024 08:55
CCal Filename(s)	Y240423B_01	Extracted	04/17/2024 14:30
Method Blank ID	BLANK-112386	Analyzed	04/24/2024 01:06

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.639	3.28	2.0	0.887	44
13C-4-MoCB	3	13.455	3.24	2.0	1.09	54
13C-2,2'-DiCB	4	13.767	1.61	2.0	0.813	41
13C-4,4'-DiCB	15	20.881	1.61	2.0	1.35	67
13C-2,2',6-TrCB	19	17.611	1.11	2.0	0.999	50
13C-3,4,4'-TrCB	37	28.652	1.06	2.0	1.56	78
13C-2,2',6,6'-TeCB	54	21.224	0.81	2.0	1.14	57
13C-3,4,4',5-TeCB	81	35.784	0.79	2.0	1.67	83
13C-3,3',4,4'-TeCB	77	36.354	0.80	2.0	1.71	86
13C-2,2',4,6,6'-PeCB	104	27.344	1.61	2.0	1.13	57
13C-2,3,3',4,4'-PeCB	105	39.964	1.62	2.0	1.80	90
13C-2,3,4,4',5-PeCB	114	39.310	1.61	2.0	1.79	90
13C-2,3',4,4',5-PeCB	118	38.757	1.61	2.0	1.80	90
13C-2,3',4,4',5'-PeCB	123	38.421	1.59	2.0	1.75	88
13C-3,3',4,4',5-PeCB	126	43.116	1.60	2.0	1.86	93
13C-2,2',4,4',6,6'-HxCB	155	33.403	1.29	2.0	1.17	59
13C-HxCB(156/157)	156/157	46.189	1.26	4.0	3.54	89
13C-2,3',4,4',5,5'-HxCB	167	45.016	1.26	2.0	1.74	87
13C-3,3',4,4',5,5'-HxCB	169	49.459	1.27	2.0	1.83	92
13C-2,2',3,4',5,6,6'-HpCB	188	39.310	1.07	2.0	1.29	64
13C-2,3,3',4,4',5,5'-HpCB	189	52.008	1.05	2.0	1.85	92
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.781	0.91	2.0	1.32	66
13C-2,3,3',4,4',5,5',6-OcCB	205	54.594	0.91	2.0	1.56	78
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.361	0.80	2.0	1.42	71
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.534	0.80	2.0	1.46	73
13C-DeCB	209	58.000	0.72	2.0	1.36	68
CleanupStandards						
13C-2,4,4'-TrCB	28	24.309	1.05	2.0	1.43	71
13C-2,3,3',5,5'-PeCB	111	36.387	1.59	2.0	1.38	69
13C-2,2',3,3',5,5',6-HpCB	178	42.412	1.09	2.0	1.37	69
Recovery Standards						
13C-2,5-DiCB	9	16.245	1.61	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	26.288	0.80	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.604	1.60	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.942	1.25	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	54.120	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10689293001
Filename	Y240423B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0227
2		---	---	ND	---	0.0227
3		---	---	ND	---	0.0227
4		13.791	1.54	0.0988	---	0.0227
5		---	---	ND	---	0.0227
6		---	---	ND	---	0.0227
7		---	---	ND	---	0.0227
8		---	---	ND	---	0.0227
9		---	---	ND	---	0.0227
10		---	---	ND	---	0.0227
11		---	---	ND	---	0.223
12	12/13	---	---	ND	---	0.0454
13	12/13	---	---	ND	---	0.0454
14		---	---	ND	---	0.0227
15		---	---	ND	---	0.0300
16		---	---	ND	---	0.0227
17		---	---	ND	---	0.0227
18	18/30	---	---	ND	---	0.0454
19		17.635	1.02	0.0560	---	0.0227
20	20/28	---	---	ND	---	0.117
21	21/33	---	---	ND	---	0.123
22		---	---	ND	---	0.0864
23		---	---	ND	---	0.0227
24		---	---	ND	---	0.0227
25		---	---	ND	---	0.0227
26	26/29	---	---	ND	---	0.0454
27		---	---	ND	---	0.0227
28	20/28	---	---	ND	---	0.117
29	26/29	---	---	ND	---	0.0454
30	18/30	---	---	ND	---	0.0454
31		---	---	ND	---	0.118
32		---	---	ND	---	0.0227
33	21/33	---	---	ND	---	0.123
34		---	---	ND	---	0.0227
35		---	---	ND	---	0.0227
36		---	---	ND	---	0.0227
37		---	---	ND	---	0.0482
38		---	---	ND	---	0.0227
39		---	---	ND	---	0.0227
40	40/41/71	---	---	ND	---	0.0682
41	40/41/71	---	---	ND	---	0.0682
42		---	---	ND	---	0.0227
43	43/73	---	---	ND	---	0.0454
44	44/47/65	27.479	0.76	0.0899	---	0.0682
45	45/51	---	---	ND	---	0.0454
46		---	---	ND	---	0.0227
47	44/47/65	27.479	0.76	(0.0899)	---	0.0682
48		---	---	ND	---	0.0227

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10689293001
Filename	Y240423B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.858	0.76	0.0519	---	0.0454
50	50/53	---	---	ND	---	0.0454
51	45/51	---	---	ND	---	0.0454
52		---	---	ND	---	0.117
53	50/53	---	---	ND	---	0.0454
54		---	---	ND	---	0.0227
55		---	---	ND	---	0.0227
56		---	---	ND	---	0.0227
57		---	---	ND	---	0.0227
58		---	---	ND	---	0.0227
59	59/62/75	---	---	ND	---	0.0682
60		---	---	ND	---	0.0227
61	61/70/74/76	---	---	ND	---	0.0909
62	59/62/75	---	---	ND	---	0.0682
63		---	---	ND	---	0.0227
64		---	---	ND	---	0.0227
65	44/47/65	27.479	0.76	(0.0899)	---	0.0682
66		---	---	ND	---	0.0536
67		---	---	ND	---	0.0227
68		---	---	ND	---	0.0227
69	49/69	26.858	0.76	(0.0519)	---	0.0454
70	61/70/74/76	---	---	ND	---	0.0909
71	40/41/71	---	---	ND	---	0.0682
72		---	---	ND	---	0.0227
73	43/73	---	---	ND	---	0.0454
74	61/70/74/76	---	---	ND	---	0.0909
75	59/62/75	---	---	ND	---	0.0682
76	61/70/74/76	---	---	ND	---	0.0909
77		---	---	ND	---	0.0227
78		---	---	ND	---	0.0227
79		---	---	ND	---	0.0227
80		---	---	ND	---	0.0227
81		---	---	ND	---	0.0227
82		---	---	ND	---	0.0227
83		---	---	ND	---	0.0227
84		---	---	ND	---	0.0227
85	85/116/117	---	---	ND	---	0.0682
86	86/87/97/108/119/125	---	---	ND	---	0.136
87	86/87/97/108/119/125	---	---	ND	---	0.136
88	88/91	---	---	ND	---	0.0454
89		---	---	ND	---	0.0227
90	90/101/113	33.637	1.54	0.0712	---	0.0682
91	88/91	---	---	ND	---	0.0454
92		---	---	ND	---	0.0227
93	93/98/100/102	---	---	ND	---	0.0909
94		---	---	ND	---	0.0227
95		---	---	ND	---	0.0636
96		---	---	ND	---	0.0227

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10689293001
Filename	Y240423B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.136
98	93/98/100/102	---	---	ND	---	0.0909
99		34.258	1.49	0.0301	---	0.0227
100	93/98/100/102	---	---	ND	---	0.0909
101	90/101/113	33.637	1.54	(0.0712)	---	0.0682
102	93/98/100/102	---	---	ND	---	0.0909
103		---	---	ND	---	0.0227
104		---	---	ND	---	0.0227
105		---	---	ND	---	0.0227
106		---	---	ND	---	0.0227
107	107/124	---	---	ND	---	0.0454
108	86/87/97/108/119/125	---	---	ND	---	0.136
109		---	---	ND	---	0.0227
110	110/115	35.683	1.47	0.0537	---	0.0454
111		---	---	ND	---	0.0227
112		---	---	ND	---	0.0227
113	90/101/113	33.637	1.54	(0.0712)	---	0.0682
114		---	---	ND	---	0.0227
115	110/115	35.683	1.47	(0.0537)	---	0.0454
116	85/116/117	---	---	ND	---	0.0682
117	85/116/117	---	---	ND	---	0.0682
118		---	---	ND	---	0.0355
119	86/87/97/108/119/125	---	---	ND	---	0.136
120		---	---	ND	---	0.0227
121		---	---	ND	---	0.0227
122		---	---	ND	---	0.0227
123		---	---	ND	---	0.0227
124	107/124	---	---	ND	---	0.0454
125	86/87/97/108/119/125	---	---	ND	---	0.136
126		---	---	ND	---	0.0227
127		---	---	ND	---	0.0227
128	128/166	---	---	ND	---	0.0454
129	129/138/163	41.976	1.21	0.117	---	0.0682
130		---	---	ND	---	0.0227
131		---	---	ND	---	0.0227
132		38.891	1.19	0.0297	---	0.0227
133		---	---	ND	---	0.0227
134	134/143	---	---	ND	---	0.0454
135	135/151	36.639	1.27	0.0623	---	0.0454
136		---	---	ND	---	0.0227
137		---	---	ND	---	0.0227
138	129/138/163	41.976	1.21	(0.117)	---	0.0682
139	139/140	---	---	ND	---	0.0454
140	139/140	---	---	ND	---	0.0454
141		40.903	1.26	0.0228	---	0.0227
142		---	---	ND	---	0.0227
143	134/143	---	---	ND	---	0.0454
144		---	---	ND	---	0.0227

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10689293001
Filename	Y240423B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0227
146		40.081	1.29	0.0257	---	0.0227
147	147/149	37.600	1.23	0.116	---	0.0454
148		---	---	ND	---	0.0227
149	147/149	37.600	1.23	(0.116)	---	0.0454
150		---	---	ND	---	0.0227
151	135/151	36.639	1.27	(0.0623)	---	0.0454
152		---	---	ND	---	0.0227
153	153/168	40.702	1.25	0.123	---	0.0454
154		---	---	ND	---	0.0227
155		---	---	ND	---	0.0227
156	156/157	---	---	ND	---	0.0454
157	156/157	---	---	ND	---	0.0454
158		---	---	ND	---	0.0227
159		---	---	ND	---	0.0227
160		---	---	ND	---	0.0227
161		---	---	ND	---	0.0227
162		---	---	ND	---	0.0227
163	129/138/163	41.976	1.21	(0.117)	---	0.0682
164		---	---	ND	---	0.0227
165		---	---	ND	---	0.0227
166	128/166	---	---	ND	---	0.0454
167		---	---	ND	---	0.0227
168	153/168	40.702	1.25	(0.123)	---	0.0454
169		---	---	ND	---	0.0227
170		48.889	1.02	0.0344	---	0.0227
171	171/173	---	---	ND	---	0.0454
172		---	---	ND	---	0.0227
173	171/173	---	---	ND	---	0.0454
174		44.228	1.08	0.0420	---	0.0227
175		---	---	ND	---	0.0227
176		---	---	ND	---	0.0227
177		44.681	1.02	0.0282	---	0.0227
178		---	---	ND	---	0.0227
179		---	---	ND	---	0.0227
180	180/193	47.615	1.04	0.0828	---	0.0454
181		---	---	ND	---	0.0227
182		---	---	ND	---	0.0227
183	183/185	---	---	ND	---	0.0454
184		---	---	ND	---	0.0227
185	183/185	---	---	ND	---	0.0454
186		---	---	ND	---	0.0227
187		43.351	1.11	0.0585	---	0.0227
188		---	---	ND	---	0.0227
189		---	---	ND	---	0.0227
190		---	---	ND	---	0.0227
191		---	---	ND	---	0.0227
192		---	---	ND	---	0.0227

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10689293001
Filename	Y240423B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.615	1.04	(0.0828)	---	0.0454
194		---	---	ND	---	0.0227
195		---	---	ND	---	0.0227
196		---	---	ND	---	0.0227
197	197/200	---	---	ND	---	0.0454
198	198/199	---	---	ND	---	0.0454
199	198/199	---	---	ND	---	0.0454
200	197/200	---	---	ND	---	0.0454
201		---	---	ND	---	0.0227
202		---	---	ND	---	0.0227
203		---	---	ND	---	0.0227
204		---	---	ND	---	0.0227
205		---	---	ND	---	0.0227
206		---	---	ND	---	0.0227
207		---	---	ND	---	0.0227
208		---	---	ND	---	0.0227
209		---	---	ND	---	0.0227

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10689293001
Filename	Y240423B_05

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.0988
Total Trichloro Biphenyls	0.0560
Total Tetrachloro Biphenyls	0.142
Total Pentachloro Biphenyls	0.155
Total Hexachloro Biphenyls	0.497
Total Heptachloro Biphenyls	0.246
Total Octachloro Biphenyls	ND
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	1.19

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Stevenson Dam		
Lab Sample ID	10689293002		
Filename	Y240423B_06		
Injected By	AH5		
Total Amount Extracted	1910 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/09/2024 14:30
ICAL ID	Y240423B02	Received	04/12/2024 08:55
CCal Filename(s)	Y240423B_01	Extracted	04/17/2024 14:30
Method Blank ID	BLANK-112386	Analyzed	04/24/2024 02:07

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.616	3.01	2.0	0.836	42
13C-4-MoCB	3	13.431	3.30	2.0	1.00	50
13C-2,2'-DiCB	4	13.755	1.59	2.0	0.746	37
13C-4,4'-DiCB	15	20.881	1.61	2.0	1.32	66
13C-2,2',6-TrCB	19	17.599	1.07	2.0	0.930	46
13C-3,4,4'-TrCB	37	28.653	1.06	2.0	1.56	78
13C-2,2',6,6'-TeCB	54	21.224	0.81	2.0	1.04	52
13C-3,4,4',5-TeCB	81	35.784	0.81	2.0	1.70	85
13C-3,3',4,4'-TeCB	77	36.354	0.81	2.0	1.75	87
13C-2,2',4,6,6'-PeCB	104	27.345	1.62	2.0	1.07	53
13C-2,3,3',4,4'-PeCB	105	39.965	1.57	2.0	1.81	91
13C-2,3,4,4',5-PeCB	114	39.311	1.60	2.0	1.78	89
13C-2,3',4,4',5-PeCB	118	38.758	1.61	2.0	1.80	90
13C-2,3',4,4',5'-PeCB	123	38.422	1.57	2.0	1.78	89
13C-3,3',4,4',5-PeCB	126	43.117	1.56	2.0	1.84	92
13C-2,2',4,4',6,6'-HxCB	155	33.403	1.28	2.0	1.13	56
13C-HxCB(156/157)	156/157	46.191	1.27	4.0	3.47	87
13C-2,3',4,4',5,5'-HxCB	167	45.017	1.27	2.0	1.72	86
13C-3,3',4,4',5,5'-HxCB	169	49.460	1.28	2.0	1.78	89
13C-2,2',3,4',5,6,6'-HpCB	188	39.311	1.06	2.0	1.26	63
13C-2,3,3',4,4',5,5'-HpCB	189	52.009	1.04	2.0	1.75	88
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.766	0.91	2.0	1.29	65
13C-2,3,3',4,4',5,5',6-OcCB	205	54.596	0.90	2.0	1.50	75
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.341	0.81	2.0	1.41	70
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.535	0.79	2.0	1.41	70
13C-DeCB	209	58.001	0.73	2.0	1.31	66
CleanupStandards						
13C-2,4,4'-TrCB	28	24.293	1.07	2.0	1.44	72
13C-2,3,3',5,5'-PeCB	111	36.388	1.60	2.0	1.40	70
13C-2,2',3,3',5,5',6-HpCB	178	42.396	1.08	2.0	1.34	67
Recovery Standards						
13C-2,5-DiCB	9	16.233	1.54	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	26.288	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.604	1.60	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.944	1.28	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	54.121	0.92	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10689293002
Filename	Y240423B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0210
2		---	---	ND	---	0.0210
3		---	---	ND	---	0.0210
4		13.767	1.61	0.107	---	0.0210
5		---	---	ND	---	0.0210
6		---	---	ND	---	0.0210
7		---	---	ND	---	0.0210
8		---	---	ND	---	0.0210
9		---	---	ND	---	0.0210
10		---	---	ND	---	0.0210
11		---	---	ND	---	0.205
12	12/13	---	---	ND	---	0.0419
13	12/13	---	---	ND	---	0.0419
14		---	---	ND	---	0.0210
15		---	---	ND	---	0.0277
16		---	---	ND	---	0.0210
17		---	---	ND	---	0.0210
18	18/30	---	---	ND	---	0.0419
19		17.623	1.05	0.0620	---	0.0210
20	20/28	---	---	ND	---	0.108
21	21/33	---	---	ND	---	0.113
22		---	---	ND	---	0.0796
23		---	---	ND	---	0.0210
24		---	---	ND	---	0.0210
25		---	---	ND	---	0.0210
26	26/29	---	---	ND	---	0.0419
27		---	---	ND	---	0.0210
28	20/28	---	---	ND	---	0.108
29	26/29	---	---	ND	---	0.0419
30	18/30	---	---	ND	---	0.0419
31		---	---	ND	---	0.109
32		---	---	ND	---	0.0210
33	21/33	---	---	ND	---	0.113
34		---	---	ND	---	0.0210
35		---	---	ND	---	0.0210
36		---	---	ND	---	0.0210
37		---	---	ND	---	0.0444
38		---	---	ND	---	0.0210
39		---	---	ND	---	0.0210
40	40/41/71	---	---	ND	---	0.0629
41	40/41/71	---	---	ND	---	0.0629
42		---	---	ND	---	0.0210
43	43/73	---	---	ND	---	0.0419
44	44/47/65	27.462	0.76	0.0797	---	0.0629
45	45/51	---	---	ND	---	0.0419
46		---	---	ND	---	0.0210
47	44/47/65	27.462	0.76	(0.0797)	---	0.0629
48		---	---	ND	---	0.0210

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10689293002
Filename	Y240423B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.858	0.77	0.0476	---	0.0419
50	50/53	---	---	ND	---	0.0419
51	45/51	---	---	ND	---	0.0419
52		---	---	ND	---	0.108
53	50/53	---	---	ND	---	0.0419
54		---	---	ND	---	0.0210
55		---	---	ND	---	0.0210
56		---	---	ND	---	0.0210
57		---	---	ND	---	0.0210
58		---	---	ND	---	0.0210
59	59/62/75	---	---	ND	---	0.0629
60		---	---	ND	---	0.0210
61	61/70/74/76	---	---	ND	---	0.0838
62	59/62/75	---	---	ND	---	0.0629
63		---	---	ND	---	0.0210
64		---	---	ND	---	0.0210
65	44/47/65	27.462	0.76	(0.0797)	---	0.0629
66		---	---	ND	---	0.0494
67		---	---	ND	---	0.0210
68		---	---	ND	---	0.0210
69	49/69	26.858	0.77	(0.0476)	---	0.0419
70	61/70/74/76	---	---	ND	---	0.0838
71	40/41/71	---	---	ND	---	0.0629
72		---	---	ND	---	0.0210
73	43/73	---	---	ND	---	0.0419
74	61/70/74/76	---	---	ND	---	0.0838
75	59/62/75	---	---	ND	---	0.0629
76	61/70/74/76	---	---	ND	---	0.0838
77		---	---	ND	---	0.0210
78		---	---	ND	---	0.0210
79		---	---	ND	---	0.0210
80		---	---	ND	---	0.0210
81		---	---	ND	---	0.0210
82		---	---	ND	---	0.0210
83		---	---	ND	---	0.0210
84		---	---	ND	---	0.0210
85	85/116/117	---	---	ND	---	0.0629
86	86/87/97/108/119/125	---	---	ND	---	0.126
87	86/87/97/108/119/125	---	---	ND	---	0.126
88	88/91	---	---	ND	---	0.0419
89		---	---	ND	---	0.0210
90	90/101/113	---	---	ND	---	0.0629
91	88/91	---	---	ND	---	0.0419
92		---	---	ND	---	0.0210
93	93/98/100/102	---	---	ND	---	0.0838
94		---	---	ND	---	0.0210
95		---	---	ND	---	0.0587
96		---	---	ND	---	0.0210

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10689293002
Filename	Y240423B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.126
98	93/98/100/102	---	---	ND	---	0.0838
99		34.258	1.52	0.0245	---	0.0210
100	93/98/100/102	---	---	ND	---	0.0838
101	90/101/113	---	---	ND	---	0.0629
102	93/98/100/102	---	---	ND	---	0.0838
103		---	---	ND	---	0.0210
104		---	---	ND	---	0.0210
105		---	---	ND	---	0.0210
106		---	---	ND	---	0.0210
107	107/124	---	---	ND	---	0.0419
108	86/87/97/108/119/125	---	---	ND	---	0.126
109		---	---	ND	---	0.0210
110	110/115	35.684	1.48	0.0443	---	0.0419
111		---	---	ND	---	0.0210
112		---	---	ND	---	0.0210
113	90/101/113	---	---	ND	---	0.0629
114		---	---	ND	---	0.0210
115	110/115	35.684	1.48	(0.0443)	---	0.0419
116	85/116/117	---	---	ND	---	0.0629
117	85/116/117	---	---	ND	---	0.0629
118		---	---	ND	---	0.0327
119	86/87/97/108/119/125	---	---	ND	---	0.126
120		---	---	ND	---	0.0210
121		---	---	ND	---	0.0210
122		---	---	ND	---	0.0210
123		---	---	ND	---	0.0210
124	107/124	---	---	ND	---	0.0419
125	86/87/97/108/119/125	---	---	ND	---	0.126
126		---	---	ND	---	0.0210
127		---	---	ND	---	0.0210
128	128/166	---	---	ND	---	0.0419
129	129/138/163	41.977	1.23	0.0912	---	0.0629
130		---	---	ND	---	0.0210
131		---	---	ND	---	0.0210
132		38.892	1.28	0.0251	---	0.0210
133		---	---	ND	---	0.0210
134	134/143	---	---	ND	---	0.0419
135	135/151	36.623	1.31	0.0525	---	0.0419
136		---	---	ND	---	0.0210
137		---	---	ND	---	0.0210
138	129/138/163	41.977	1.23	(0.0912)	---	0.0629
139	139/140	---	---	ND	---	0.0419
140	139/140	---	---	ND	---	0.0419
141		---	---	ND	---	0.0210
142		---	---	ND	---	0.0210
143	134/143	---	---	ND	---	0.0419
144		---	---	ND	---	0.0210

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10689293002
Filename	Y240423B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0210
146		---	---	ND	---	0.0210
147	147/149	37.600	1.27	0.0968	---	0.0419
148		---	---	ND	---	0.0210
149	147/149	37.600	1.27	(0.0968)	---	0.0419
150		---	---	ND	---	0.0210
151	135/151	36.623	1.31	(0.0525)	---	0.0419
152		---	---	ND	---	0.0210
153	153/168	40.703	1.25	0.0995	---	0.0419
154		---	---	ND	---	0.0210
155		---	---	ND	---	0.0210
156	156/157	---	---	ND	---	0.0419
157	156/157	---	---	ND	---	0.0419
158		---	---	ND	---	0.0210
159		---	---	ND	---	0.0210
160		---	---	ND	---	0.0210
161		---	---	ND	---	0.0210
162		---	---	ND	---	0.0210
163	129/138/163	41.977	1.23	(0.0912)	---	0.0629
164		---	---	ND	---	0.0210
165		---	---	ND	---	0.0210
166	128/166	---	---	ND	---	0.0419
167		---	---	ND	---	0.0210
168	153/168	40.703	1.25	(0.0995)	---	0.0419
169		---	---	ND	---	0.0210
170		48.890	1.07	0.0272	---	0.0210
171	171/173	---	---	ND	---	0.0419
172		---	---	ND	---	0.0210
173	171/173	---	---	ND	---	0.0419
174		44.212	1.06	0.0355	---	0.0210
175		---	---	ND	---	0.0210
176		---	---	ND	---	0.0210
177		44.665	1.05	0.0234	---	0.0210
178		---	---	ND	---	0.0210
179		---	---	ND	---	0.0210
180	180/193	47.616	1.03	0.0684	---	0.0419
181		---	---	ND	---	0.0210
182		---	---	ND	---	0.0210
183	183/185	---	---	ND	---	0.0419
184		---	---	ND	---	0.0210
185	183/185	---	---	ND	---	0.0419
186		---	---	ND	---	0.0210
187		43.352	1.09	0.0469	---	0.0210
188		---	---	ND	---	0.0210
189		---	---	ND	---	0.0210
190		---	---	ND	---	0.0210
191		---	---	ND	---	0.0210
192		---	---	ND	---	0.0210

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10689293002
Filename	Y240423B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.616	1.03	(0.0684)	---	0.0419
194		---	---	ND	---	0.0210
195		---	---	ND	---	0.0210
196		---	---	ND	---	0.0210
197	197/200	---	---	ND	---	0.0419
198	198/199	---	---	ND	---	0.0419
199	198/199	---	---	ND	---	0.0419
200	197/200	---	---	ND	---	0.0419
201		---	---	ND	---	0.0210
202		---	---	ND	---	0.0210
203		---	---	ND	---	0.0210
204		---	---	ND	---	0.0210
205		---	---	ND	---	0.0210
206		---	---	ND	---	0.0210
207		---	---	ND	---	0.0210
208		---	---	ND	---	0.0210
209		---	---	ND	---	0.0210

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10689293002
Filename	Y240423B_06

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.107
Total Trichloro Biphenyls	0.0620
Total Tetrachloro Biphenyls	0.127
Total Pentachloro Biphenyls	0.0688
Total Hexachloro Biphenyls	0.365
Total Heptachloro Biphenyls	0.201
Total Octachloro Biphenyls	ND
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	0.932

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Shepaug Dam		
Lab Sample ID	10689293003		
Filename	Y240423B_07		
Injected By	AH5		
Total Amount Extracted	1640 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/09/2024 16:15
ICAL ID	Y240423B02	Received	04/12/2024 08:55
CCal Filename(s)	Y240423B_01	Extracted	04/17/2024 14:30
Method Blank ID	BLANK-112386	Analyzed	04/24/2024 03:08

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.543	3.06	2.0	0.929	46
13C-4-MoCB	3	13.395	3.22	2.0	1.07	53
13C-2,2'-DiCB	4	13.706	1.63	2.0	0.812	41
13C-4,4'-DiCB	15	20.856	1.58	2.0	1.30	65
13C-2,2',6-TrCB	19	17.574	1.06	2.0	0.965	48
13C-3,4,4'-TrCB	37	28.652	1.05	2.0	1.49	75
13C-2,2',6,6'-TeCB	54	21.206	0.80	2.0	1.09	55
13C-3,4,4',5-TeCB	81	35.783	0.82	2.0	1.58	79
13C-3,3',4,4'-TeCB	77	36.353	0.80	2.0	1.65	83
13C-2,2',4,6,6'-PeCB	104	27.344	1.64	2.0	1.06	53
13C-2,3,3',4,4'-PeCB	105	39.964	1.62	2.0	1.68	84
13C-2,3,4,4',5-PeCB	114	39.310	1.60	2.0	1.68	84
13C-2,3',4,4',5-PeCB	118	38.756	1.57	2.0	1.68	84
13C-2,3',4,4',5'-PeCB	123	38.421	1.58	2.0	1.64	82
13C-3,3',4,4',5-PeCB	126	43.116	1.63	2.0	1.76	88
13C-2,2',4,4',6,6'-HxCB	155	33.402	1.29	2.0	1.10	55
13C-HxCB(156/157)	156/157	46.190	1.28	4.0	3.40	85
13C-2,3',4,4',5,5'-HxCB	167	45.016	1.27	2.0	1.66	83
13C-3,3',4,4',5,5'-HxCB	169	49.459	1.25	2.0	1.71	86
13C-2,2',3,4',5,6,6'-HpCB	188	39.310	1.08	2.0	1.22	61
13C-2,3,3',4,4',5,5'-HpCB	189	52.009	1.05	2.0	1.72	86
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.782	0.92	2.0	1.25	62
13C-2,3,3',4,4',5,5',6-OcCB	205	54.595	0.89	2.0	1.46	73
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.362	0.80	2.0	1.36	68
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.534	0.80	2.0	1.39	70
13C-DeCB	209	58.000	0.71	2.0	1.28	64
CleanupStandards						
13C-2,4,4'-TrCB	28	24.292	1.06	2.0	1.34	67
13C-2,3,3',5,5'-PeCB	111	36.387	1.60	2.0	1.36	68
13C-2,2',3,3',5,5',6-HpCB	178	42.395	1.08	2.0	1.29	65
Recovery Standards						
13C-2,5-DiCB	9	16.196	1.60	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	26.287	0.80	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.604	1.60	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.942	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	54.121	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10689293003
Filename	Y240423B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0244
2		---	---	ND	---	0.0244
3		---	---	ND	---	0.0244
4		13.730	1.58	0.115	---	0.0244
5		---	---	ND	---	0.0244
6		---	---	ND	---	0.0244
7		---	---	ND	---	0.0244
8		---	---	ND	---	0.0244
9		---	---	ND	---	0.0244
10		---	---	ND	---	0.0244
11		---	---	ND	---	0.239
12	12/13	---	---	ND	---	0.0488
13	12/13	---	---	ND	---	0.0488
14		---	---	ND	---	0.0244
15		---	---	ND	---	0.0322
16		---	---	ND	---	0.0244
17		---	---	ND	---	0.0244
18	18/30	---	---	ND	---	0.0488
19		17.598	1.00	0.0647	---	0.0244
20	20/28	---	---	ND	---	0.126
21	21/33	---	---	ND	---	0.132
22		---	---	ND	---	0.0928
23		---	---	ND	---	0.0244
24		---	---	ND	---	0.0244
25		---	---	ND	---	0.0244
26	26/29	---	---	ND	---	0.0488
27		---	---	ND	---	0.0244
28	20/28	---	---	ND	---	0.126
29	26/29	---	---	ND	---	0.0488
30	18/30	---	---	ND	---	0.0488
31		---	---	ND	---	0.127
32		---	---	ND	---	0.0244
33	21/33	---	---	ND	---	0.132
34		---	---	ND	---	0.0244
35		---	---	ND	---	0.0244
36		---	---	ND	---	0.0244
37		---	---	ND	---	0.0517
38		---	---	ND	---	0.0244
39		---	---	ND	---	0.0244
40	40/41/71	---	---	ND	---	0.0732
41	40/41/71	---	---	ND	---	0.0732
42		---	---	ND	---	0.0244
43	43/73	---	---	ND	---	0.0488
44	44/47/65	27.461	0.77	0.137	---	0.0732
45	45/51	24.510	0.78	0.0520	---	0.0488
46		---	---	ND	---	0.0244
47	44/47/65	27.461	0.77	(0.137)	---	0.0732
48		---	---	ND	---	0.0244

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10689293003
Filename	Y240423B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.857	0.81	0.0765	---	0.0488
50	50/53	---	---	ND	---	0.0488
51	45/51	24.510	0.78	(0.0520)	---	0.0488
52		---	---	ND	---	0.126
53	50/53	---	---	ND	---	0.0488
54		---	---	ND	---	0.0244
55		---	---	ND	---	0.0244
56		---	---	ND	---	0.0244
57		---	---	ND	---	0.0244
58		---	---	ND	---	0.0244
59	59/62/75	---	---	ND	---	0.0732
60		---	---	ND	---	0.0244
61	61/70/74/76	---	---	ND	---	0.0976
62	59/62/75	---	---	ND	---	0.0732
63		---	---	ND	---	0.0244
64		---	---	ND	---	0.0244
65	44/47/65	27.461	0.77	(0.137)	---	0.0732
66		---	---	ND	---	0.0576
67		---	---	ND	---	0.0244
68		---	---	ND	---	0.0244
69	49/69	26.857	0.81	(0.0765)	---	0.0488
70	61/70/74/76	---	---	ND	---	0.0976
71	40/41/71	---	---	ND	---	0.0732
72		---	---	ND	---	0.0244
73	43/73	---	---	ND	---	0.0488
74	61/70/74/76	---	---	ND	---	0.0976
75	59/62/75	---	---	ND	---	0.0732
76	61/70/74/76	---	---	ND	---	0.0976
77		---	---	ND	---	0.0244
78		---	---	ND	---	0.0244
79		---	---	ND	---	0.0244
80		---	---	ND	---	0.0244
81		---	---	ND	---	0.0244
82		---	---	ND	---	0.0244
83		---	---	ND	---	0.0244
84		31.675	1.71	0.0335	---	0.0244
85	85/116/117	---	---	ND	---	0.0732
86	86/87/97/108/119/125	---	---	ND	---	0.146
87	86/87/97/108/119/125	---	---	ND	---	0.146
88	88/91	---	---	ND	---	0.0488
89		---	---	ND	---	0.0244
90	90/101/113	33.637	1.55	0.199	---	0.0732
91	88/91	---	---	ND	---	0.0488
92		33.016	1.54	0.0461	---	0.0244
93	93/98/100/102	---	---	ND	---	0.0976
94		---	---	ND	---	0.0244
95		30.535	1.56	0.135	---	0.0683
96		---	---	ND	---	0.0244

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10689293003
Filename	Y240423B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.146
98	93/98/100/102	---	---	ND	---	0.0976
99		34.257	1.53	0.0929	---	0.0244
100	93/98/100/102	---	---	ND	---	0.0976
101	90/101/113	33.637	1.55	(0.199)	---	0.0732
102	93/98/100/102	---	---	ND	---	0.0976
103		---	---	ND	---	0.0244
104		---	---	ND	---	0.0244
105		39.980	1.57	0.0656	---	0.0244
106		---	---	ND	---	0.0244
107	107/124	---	---	ND	---	0.0488
108	86/87/97/108/119/125	---	---	ND	---	0.146
109		---	---	ND	---	0.0244
110	110/115	35.682	1.54	0.218	---	0.0488
111		---	---	ND	---	0.0244
112		---	---	ND	---	0.0244
113	90/101/113	33.637	1.55	(0.199)	---	0.0732
114		---	---	ND	---	0.0244
115	110/115	35.682	1.54	(0.218)	---	0.0488
116	85/116/117	---	---	ND	---	0.0732
117	85/116/117	---	---	ND	---	0.0732
118		38.790	1.56	0.162	---	0.0381
119	86/87/97/108/119/125	---	---	ND	---	0.146
120		---	---	ND	---	0.0244
121		---	---	ND	---	0.0244
122		---	---	ND	---	0.0244
123		---	---	ND	---	0.0244
124	107/124	---	---	ND	---	0.0488
125	86/87/97/108/119/125	---	---	ND	---	0.146
126		---	---	ND	---	0.0244
127		---	---	ND	---	0.0244
128	128/166	---	---	ND	---	0.0488
129	129/138/163	41.976	1.26	0.341	---	0.0732
130		---	---	ND	---	0.0244
131		---	---	ND	---	0.0244
132		38.890	1.24	0.0916	---	0.0244
133		---	---	ND	---	0.0244
134	134/143	---	---	ND	---	0.0488
135	135/151	36.638	1.27	0.140	---	0.0488
136		34.157	1.30	0.0388	---	0.0244
137		---	---	ND	---	0.0244
138	129/138/163	41.976	1.26	(0.341)	---	0.0732
139	139/140	---	---	ND	---	0.0488
140	139/140	---	---	ND	---	0.0488
141		40.903	1.31	0.0640	---	0.0244
142		---	---	ND	---	0.0244
143	134/143	---	---	ND	---	0.0488
144		---	---	ND	---	0.0244

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10689293003
Filename	Y240423B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0244
146		40.081	1.20	0.0586	---	0.0244
147	147/149	37.599	1.23	0.288	---	0.0488
148		---	---	ND	---	0.0244
149	147/149	37.599	1.23	(0.288)	---	0.0488
150		---	---	ND	---	0.0244
151	135/151	36.638	1.27	(0.140)	---	0.0488
152		---	---	ND	---	0.0244
153	153/168	40.701	1.26	0.315	---	0.0488
154		---	---	ND	---	0.0244
155		---	---	ND	---	0.0244
156	156/157	---	---	ND	---	0.0488
157	156/157	---	---	ND	---	0.0488
158		42.395	1.32	0.0257	---	0.0244
159		---	---	ND	---	0.0244
160		---	---	ND	---	0.0244
161		---	---	ND	---	0.0244
162		---	---	ND	---	0.0244
163	129/138/163	41.976	1.26	(0.341)	---	0.0732
164		---	---	ND	---	0.0244
165		---	---	ND	---	0.0244
166	128/166	---	---	ND	---	0.0488
167		---	---	ND	---	0.0244
168	153/168	40.701	1.26	(0.315)	---	0.0488
169		---	---	ND	---	0.0244
170		48.889	1.04	0.0953	---	0.0244
171	171/173	---	---	ND	---	0.0488
172		---	---	ND	---	0.0244
173	171/173	---	---	ND	---	0.0488
174		44.228	1.02	0.107	---	0.0244
175		---	---	ND	---	0.0244
176		---	---	ND	---	0.0244
177		44.664	1.04	0.0717	---	0.0244
178		42.429	0.97	0.0294	---	0.0244
179		39.662	1.04	0.0505	---	0.0244
180	180/193	47.615	1.06	0.219	---	0.0488
181		---	---	ND	---	0.0244
182		---	---	ND	---	0.0244
183	183/185	43.993	1.01	0.0734	---	0.0488
184		---	---	ND	---	0.0244
185	183/185	43.993	1.01	(0.0734)	---	0.0488
186		---	---	ND	---	0.0244
187		43.351	1.00	0.134	---	0.0244
188		---	---	ND	---	0.0244
189		---	---	ND	---	0.0244
190		---	---	ND	---	0.0244
191		---	---	ND	---	0.0244
192		---	---	ND	---	0.0244

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10689293003
Filename	Y240423B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.615	1.06	(0.219)	---	0.0488
194		54.142	0.91	0.0486	---	0.0244
195		---	---	ND	---	0.0244
196		---	---	ND	---	0.0244
197	197/200	---	---	ND	---	0.0488
198	198/199	49.611	0.89	0.0504	---	0.0488
199	198/199	49.611	0.89	(0.0504)	---	0.0488
200	197/200	---	---	ND	---	0.0488
201		---	---	ND	---	0.0244
202		---	---	ND	---	0.0244
203		50.466	0.86	0.0338	---	0.0244
204		---	---	ND	---	0.0244
205		---	---	ND	---	0.0244
206		---	---	ND	---	0.0244
207		---	---	ND	---	0.0244
208		---	---	ND	---	0.0244
209		---	---	ND	---	0.0244

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10689293003
Filename	Y240423B_07

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.115
Total Trichloro Biphenyls	0.0647
Total Tetrachloro Biphenyls	0.265
Total Pentachloro Biphenyls	0.951
Total Hexachloro Biphenyls	1.36
Total Heptachloro Biphenyls	0.781
Total Octachloro Biphenyls	0.133
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	3.67

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rt. 202 Bridge		
Lab Sample ID	10689293004		
Filename	Y240423B_08		
Injected By	AH5		
Total Amount Extracted	1750 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/09/2024 18:30
ICAL ID	Y240423B02	Received	04/12/2024 08:55
CCal Filename(s)	Y240423B_01	Extracted	04/17/2024 14:30
Method Blank ID	BLANK-112386	Analyzed	04/24/2024 04:09

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.520	3.18	2.0	0.953	48
13C-4-MoCB	3	13.371	3.26	2.0	1.13	57
13C-2,2'-DiCB	4	13.695	1.60	2.0	0.828	41
13C-4,4'-DiCB	15	20.846	1.62	2.0	1.45	73
13C-2,2',6-TrCB	19	17.551	1.06	2.0	1.04	52
13C-3,4,4'-TrCB	37	28.637	1.08	2.0	1.65	83
13C-2,2',6,6'-TeCB	54	21.191	0.81	2.0	1.20	60
13C-3,4,4',5-TeCB	81	35.769	0.81	2.0	1.74	87
13C-3,3',4,4'-TeCB	77	36.340	0.80	2.0	1.80	90
13C-2,2',4,6,6'-PeCB	104	27.329	1.58	2.0	1.15	57
13C-2,3,3',4,4'-PeCB	105	39.950	1.59	2.0	1.84	92
13C-2,3,4,4',5-PeCB	114	39.296	1.57	2.0	1.84	92
13C-2,3',4,4',5-PeCB	118	38.743	1.56	2.0	1.80	90
13C-2,3',4,4',5'-PeCB	123	38.408	1.59	2.0	1.81	91
13C-3,3',4,4',5-PeCB	126	43.103	1.58	2.0	1.95	98
13C-2,2',4,4',6,6'-HxCB	155	33.388	1.31	2.0	1.21	61
13C-HxCB(156/157)	156/157	46.177	1.27	4.0	3.65	91
13C-2,3',4,4',5,5'-HxCB	167	45.004	1.29	2.0	1.80	90
13C-3,3',4,4',5,5'-HxCB	169	49.447	1.26	2.0	1.91	95
13C-2,2',3,4',5,6,6'-HpCB	188	39.296	1.06	2.0	1.31	66
13C-2,3,3',4,4',5,5'-HpCB	189	51.992	1.04	2.0	1.87	94
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.752	0.90	2.0	1.34	67
13C-2,3,3',4,4',5,5',6-OcCB	205	54.578	0.90	2.0	1.59	80
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.346	0.80	2.0	1.41	70
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.518	0.81	2.0	1.50	75
13C-DeCB	209	57.984	0.71	2.0	1.37	68
CleanupStandards						
13C-2,4,4'-TrCB	28	24.277	1.07	2.0	1.47	74
13C-2,3,3',5,5'-PeCB	111	36.373	1.60	2.0	1.45	72
13C-2,2',3,3',5,5',6-HpCB	178	42.382	1.09	2.0	1.39	69
Recovery Standards						
13C-2,5-DiCB	9	16.173	1.59	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	26.272	0.80	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.589	1.59	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.929	1.25	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	54.104	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 202 Bridge
Lab Sample ID 10689293004
Filename Y240423B_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0228
2		---	---	ND	---	0.0228
3		---	---	ND	---	0.0228
4		13.707	1.64	0.134	---	0.0228
5		---	---	ND	---	0.0228
6		---	---	ND	---	0.0228
7		---	---	ND	---	0.0228
8		---	---	ND	---	0.0228
9		---	---	ND	---	0.0228
10		---	---	ND	---	0.0228
11		---	---	ND	---	0.224
12	12/13	---	---	ND	---	0.0457
13	12/13	---	---	ND	---	0.0457
14		---	---	ND	---	0.0228
15		---	---	ND	---	0.0302
16		---	---	ND	---	0.0228
17		---	---	ND	---	0.0228
18	18/30	---	---	ND	---	0.0457
19		17.575	0.99	0.0758	---	0.0228
20	20/28	---	---	ND	---	0.118
21	21/33	---	---	ND	---	0.123
22		---	---	ND	---	0.0868
23		---	---	ND	---	0.0228
24		---	---	ND	---	0.0228
25		---	---	ND	---	0.0228
26	26/29	---	---	ND	---	0.0457
27		---	---	ND	---	0.0228
28	20/28	---	---	ND	---	0.118
29	26/29	---	---	ND	---	0.0457
30	18/30	---	---	ND	---	0.0457
31		---	---	ND	---	0.119
32		---	---	ND	---	0.0228
33	21/33	---	---	ND	---	0.123
34		---	---	ND	---	0.0228
35		---	---	ND	---	0.0228
36		---	---	ND	---	0.0228
37		---	---	ND	---	0.0484
38		---	---	ND	---	0.0228
39		---	---	ND	---	0.0228
40	40/41/71	---	---	ND	---	0.0685
41	40/41/71	---	---	ND	---	0.0685
42		---	---	ND	---	0.0228
43	43/73	---	---	ND	---	0.0457
44	44/47/65	27.463	0.76	0.143	---	0.0685
45	45/51	24.495	0.76	0.0588	---	0.0457
46		---	---	ND	---	0.0228
47	44/47/65	27.463	0.76	(0.143)	---	0.0685
48		---	---	ND	---	0.0228

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 202 Bridge
Lab Sample ID 10689293004
Filename Y240423B_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.843	0.76	0.0816	---	0.0457
50	50/53	23.640	0.78	0.0574	---	0.0457
51	45/51	24.495	0.76	(0.0588)	---	0.0457
52		---	---	ND	---	0.118
53	50/53	23.640	0.78	(0.0574)	---	0.0457
54		---	---	ND	---	0.0228
55		---	---	ND	---	0.0228
56		---	---	ND	---	0.0228
57		---	---	ND	---	0.0228
58		---	---	ND	---	0.0228
59	59/62/75	---	---	ND	---	0.0685
60		---	---	ND	---	0.0228
61	61/70/74/76	---	---	ND	---	0.0914
62	59/62/75	---	---	ND	---	0.0685
63		---	---	ND	---	0.0228
64		---	---	ND	---	0.0228
65	44/47/65	27.463	0.76	(0.143)	---	0.0685
66		---	---	ND	---	0.0539
67		---	---	ND	---	0.0228
68		---	---	ND	---	0.0228
69	49/69	26.843	0.76	(0.0816)	---	0.0457
70	61/70/74/76	---	---	ND	---	0.0914
71	40/41/71	---	---	ND	---	0.0685
72		---	---	ND	---	0.0228
73	43/73	---	---	ND	---	0.0457
74	61/70/74/76	---	---	ND	---	0.0914
75	59/62/75	---	---	ND	---	0.0685
76	61/70/74/76	---	---	ND	---	0.0914
77		---	---	ND	---	0.0228
78		---	---	ND	---	0.0228
79		---	---	ND	---	0.0228
80		---	---	ND	---	0.0228
81		---	---	ND	---	0.0228
82		---	---	ND	---	0.0228
83		---	---	ND	---	0.0228
84		31.677	1.50	0.0240	---	0.0228
85	85/116/117	---	---	ND	---	0.0685
86	86/87/97/108/119/125	---	---	ND	---	0.137
87	86/87/97/108/119/125	---	---	ND	---	0.137
88	88/91	---	---	ND	---	0.0457
89		---	---	ND	---	0.0228
90	90/101/113	33.623	1.56	0.162	---	0.0685
91	88/91	---	---	ND	---	0.0457
92		33.002	1.62	0.0441	---	0.0228
93	93/98/100/102	---	---	ND	---	0.0914
94		---	---	ND	---	0.0228
95		30.520	1.56	0.118	---	0.0640
96		---	---	ND	---	0.0228

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 202 Bridge
Lab Sample ID 10689293004
Filename Y240423B_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.137
98	93/98/100/102	---	---	ND	---	0.0914
99		34.227	1.60	0.0690	---	0.0228
100	93/98/100/102	---	---	ND	---	0.0914
101	90/101/113	33.623	1.56	(0.162)	---	0.0685
102	93/98/100/102	---	---	ND	---	0.0914
103		---	---	ND	---	0.0228
104		---	---	ND	---	0.0228
105		39.984	1.65	0.0283	---	0.0228
106		---	---	ND	---	0.0228
107	107/124	---	---	ND	---	0.0457
108	86/87/97/108/119/125	---	---	ND	---	0.137
109		---	---	ND	---	0.0228
110	110/115	35.669	1.53	0.139	---	0.0457
111		---	---	ND	---	0.0228
112		---	---	ND	---	0.0228
113	90/101/113	33.623	1.56	(0.162)	---	0.0685
114		---	---	ND	---	0.0228
115	110/115	35.669	1.53	(0.139)	---	0.0457
116	85/116/117	---	---	ND	---	0.0685
117	85/116/117	---	---	ND	---	0.0685
118		38.777	1.53	0.0821	---	0.0356
119	86/87/97/108/119/125	---	---	ND	---	0.137
120		---	---	ND	---	0.0228
121		---	---	ND	---	0.0228
122		---	---	ND	---	0.0228
123		---	---	ND	---	0.0228
124	107/124	---	---	ND	---	0.0457
125	86/87/97/108/119/125	---	---	ND	---	0.137
126		---	---	ND	---	0.0228
127		---	---	ND	---	0.0228
128	128/166	---	---	ND	---	0.0457
129	129/138/163	41.963	1.25	0.285	---	0.0685
130		---	---	ND	---	0.0228
131		---	---	ND	---	0.0228
132		38.877	1.23	0.0745	---	0.0228
133		---	---	ND	---	0.0228
134	134/143	---	---	ND	---	0.0457
135	135/151	36.625	1.27	0.130	---	0.0457
136		34.126	1.34	0.0356	---	0.0228
137		---	---	ND	---	0.0228
138	129/138/163	41.963	1.25	(0.285)	---	0.0685
139	139/140	---	---	ND	---	0.0457
140	139/140	---	---	ND	---	0.0457
141		40.889	1.26	0.0557	---	0.0228
142		---	---	ND	---	0.0228
143	134/143	---	---	ND	---	0.0457
144		---	---	ND	---	0.0228

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt. 202 Bridge
Lab Sample ID	10689293004
Filename	Y240423B_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0228
146		40.051	1.27	0.0546	---	0.0228
147	147/149	37.586	1.27	0.253	---	0.0457
148		---	---	ND	---	0.0228
149	147/149	37.586	1.27	(0.253)	---	0.0457
150		---	---	ND	---	0.0228
151	135/151	36.625	1.27	(0.130)	---	0.0457
152		---	---	ND	---	0.0228
153	153/168	40.688	1.22	0.280	---	0.0457
154		---	---	ND	---	0.0228
155		---	---	ND	---	0.0228
156	156/157	---	---	ND	---	0.0457
157	156/157	---	---	ND	---	0.0457
158		---	---	ND	---	0.0228
159		---	---	ND	---	0.0228
160		---	---	ND	---	0.0228
161		---	---	ND	---	0.0228
162		---	---	ND	---	0.0228
163	129/138/163	41.963	1.25	(0.285)	---	0.0685
164		---	---	ND	---	0.0228
165		---	---	ND	---	0.0228
166	128/166	---	---	ND	---	0.0457
167		---	---	ND	---	0.0228
168	153/168	40.688	1.22	(0.280)	---	0.0457
169		---	---	ND	---	0.0228
170		48.877	1.07	0.0809	---	0.0228
171	171/173	---	---	ND	---	0.0457
172		---	---	ND	---	0.0228
173	171/173	---	---	ND	---	0.0457
174		44.215	1.05	0.0933	---	0.0228
175		---	---	ND	---	0.0228
176		---	---	ND	---	0.0228
177		44.651	1.04	0.0620	---	0.0228
178		42.416	1.05	0.0244	---	0.0228
179		39.665	1.11	0.0444	---	0.0228
180	180/193	47.603	1.04	0.188	---	0.0457
181		---	---	ND	---	0.0228
182		---	---	ND	---	0.0228
183	183/185	43.980	1.05	0.0637	---	0.0457
184		---	---	ND	---	0.0228
185	183/185	43.980	1.05	(0.0637)	---	0.0457
186		---	---	ND	---	0.0228
187		43.338	1.09	0.124	---	0.0228
188		---	---	ND	---	0.0228
189		---	---	ND	---	0.0228
190		---	---	ND	---	0.0228
191		---	---	ND	---	0.0228
192		---	---	ND	---	0.0228

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt. 202 Bridge
Lab Sample ID	10689293004
Filename	Y240423B_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.603	1.04	(0.188)	---	0.0457
194		54.126	0.82	0.0401	---	0.0228
195		---	---	ND	---	0.0228
196		---	---	ND	---	0.0228
197	197/200	---	---	ND	---	0.0457
198	198/199	49.582	0.94	0.0467	---	0.0457
199	198/199	49.582	0.94	(0.0467)	---	0.0457
200	197/200	---	---	ND	---	0.0457
201		---	---	ND	---	0.0228
202		---	---	ND	---	0.0228
203		50.454	0.97	0.0278	---	0.0228
204		---	---	ND	---	0.0228
205		---	---	ND	---	0.0228
206		---	---	ND	---	0.0228
207		---	---	ND	---	0.0228
208		---	---	ND	---	0.0228
209		---	---	ND	---	0.0228

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rt. 202 Bridge
Lab Sample ID	10689293004
Filename	Y240423B_08

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.134
Total Trichloro Biphenyls	0.0758
Total Tetrachloro Biphenyls	0.341
Total Pentachloro Biphenyls	0.667
Total Hexachloro Biphenyls	1.17
Total Heptachloro Biphenyls	0.681
Total Octachloro Biphenyls	0.115
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	3.18

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rt. 341 Bridge		
Lab Sample ID	10689293005		
Filename	Y240423B_09		
Injected By	AH5		
Total Amount Extracted	1680 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/10/2024 14:30
ICAL ID	Y240423B02	Received	04/12/2024 08:55
CCal Filename(s)	Y240423B_01	Extracted	04/17/2024 14:30
Method Blank ID	BLANK-112386	Analyzed	04/24/2024 05:10

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.604	3.22	2.0	0.797	40
13C-4-MoCB	3	13.419	3.24	2.0	0.979	49
13C-2,2'-DiCB	4	13.743	1.63	2.0	0.720	36
13C-4,4'-DiCB	15	20.869	1.59	2.0	1.25	62
13C-2,2',6-TrCB	19	17.587	1.08	2.0	0.930	46
13C-3,4,4'-TrCB	37	28.652	1.05	2.0	1.48	74
13C-2,2',6,6'-TeCB	54	21.208	0.81	2.0	1.09	55
13C-3,4,4',5-TeCB	81	35.767	0.80	2.0	1.58	79
13C-3,3',4,4'-TeCB	77	36.354	0.79	2.0	1.64	82
13C-2,2',4,6,6'-PeCB	104	27.344	1.62	2.0	1.06	53
13C-2,3,3',4,4'-PeCB	105	39.964	1.60	2.0	1.73	87
13C-2,3,4,4',5-PeCB	114	39.310	1.61	2.0	1.72	86
13C-2,3',4,4',5-PeCB	118	38.756	1.59	2.0	1.72	86
13C-2,3',4,4',5'-PeCB	123	38.421	1.57	2.0	1.72	86
13C-3,3',4,4',5-PeCB	126	43.099	1.59	2.0	1.74	87
13C-2,2',4,4',6,6'-HxCB	155	33.403	1.30	2.0	1.09	54
13C-HxCB(156/157)	156/157	46.173	1.26	4.0	3.44	86
13C-2,3',4,4',5,5'-HxCB	167	44.999	1.27	2.0	1.69	85
13C-3,3',4,4',5,5'-HxCB	169	49.442	1.29	2.0	1.73	86
13C-2,2',3,4',5,6,6'-HpCB	188	39.293	1.08	2.0	1.24	62
13C-2,3,3',4,4',5,5'-HpCB	189	52.008	1.06	2.0	1.75	87
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.764	0.90	2.0	1.25	62
13C-2,3,3',4,4',5,5',6-OcCB	205	54.594	0.89	2.0	1.48	74
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.340	0.81	2.0	1.30	65
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.534	0.81	2.0	1.40	70
13C-DeCB	209	57.999	0.71	2.0	1.29	65
CleanupStandards						
13C-2,4,4'-TrCB	28	24.293	1.05	2.0	1.39	70
13C-2,3,3',5,5'-PeCB	111	36.387	1.60	2.0	1.41	70
13C-2,2',3,3',5,5',6-HpCB	178	42.395	1.09	2.0	1.33	67
Recovery Standards						
13C-2,5-DiCB	9	16.221	1.60	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	26.288	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.604	1.61	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.942	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	54.120	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt. 341 Bridge
Lab Sample ID	10689293005
Filename	Y240423B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0238
2		---	---	ND	---	0.0238
3		---	---	ND	---	0.0238
4		13.755	1.63	0.226	---	0.0238
5		---	---	ND	---	0.0238
6		---	---	ND	---	0.0238
7		---	---	ND	---	0.0238
8		---	---	ND	---	0.0238
9		---	---	ND	---	0.0238
10		---	---	ND	---	0.0238
11		---	---	ND	---	0.233
12	12/13	---	---	ND	---	0.0475
13	12/13	---	---	ND	---	0.0475
14		---	---	ND	---	0.0238
15		---	---	ND	---	0.0314
16		---	---	ND	---	0.0238
17		---	---	ND	---	0.0238
18	18/30	---	---	ND	---	0.0475
19		17.611	1.06	0.122	---	0.0238
20	20/28	---	---	ND	---	0.123
21	21/33	---	---	ND	---	0.128
22		---	---	ND	---	0.0903
23		---	---	ND	---	0.0238
24		---	---	ND	---	0.0238
25		---	---	ND	---	0.0238
26	26/29	---	---	ND	---	0.0475
27		---	---	ND	---	0.0238
28	20/28	---	---	ND	---	0.123
29	26/29	---	---	ND	---	0.0475
30	18/30	---	---	ND	---	0.0475
31		---	---	ND	---	0.124
32		---	---	ND	---	0.0238
33	21/33	---	---	ND	---	0.128
34		---	---	ND	---	0.0238
35		---	---	ND	---	0.0238
36		---	---	ND	---	0.0238
37		---	---	ND	---	0.0504
38		---	---	ND	---	0.0238
39		---	---	ND	---	0.0238
40	40/41/71	---	---	ND	---	0.0713
41	40/41/71	---	---	ND	---	0.0713
42		---	---	ND	---	0.0238
43	43/73	---	---	ND	---	0.0475
44	44/47/65	27.462	0.74	0.219	---	0.0713
45	45/51	24.511	0.74	0.0951	---	0.0475
46		---	---	ND	---	0.0238
47	44/47/65	27.462	0.74	(0.219)	---	0.0713
48		---	---	ND	---	0.0238

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt. 341 Bridge
Lab Sample ID	10689293005
Filename	Y240423B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.858	0.79	0.121	---	0.0475
50	50/53	23.656	0.78	0.0862	---	0.0475
51	45/51	24.511	0.74	(0.0951)	---	0.0475
52		---	---	ND	---	0.123
53	50/53	23.656	0.78	(0.0862)	---	0.0475
54		21.241	0.77	0.0289	---	0.0238
55		---	---	ND	---	0.0238
56		---	---	ND	---	0.0238
57		---	---	ND	---	0.0238
58		---	---	ND	---	0.0238
59	59/62/75	---	---	ND	---	0.0713
60		---	---	ND	---	0.0238
61	61/70/74/76	---	---	ND	---	0.0951
62	59/62/75	---	---	ND	---	0.0713
63		---	---	ND	---	0.0238
64		---	---	ND	---	0.0238
65	44/47/65	27.462	0.74	(0.219)	---	0.0713
66		---	---	ND	---	0.0561
67		---	---	ND	---	0.0238
68		---	---	ND	---	0.0238
69	49/69	26.858	0.79	(0.121)	---	0.0475
70	61/70/74/76	---	---	ND	---	0.0951
71	40/41/71	---	---	ND	---	0.0713
72		---	---	ND	---	0.0238
73	43/73	---	---	ND	---	0.0475
74	61/70/74/76	---	---	ND	---	0.0951
75	59/62/75	---	---	ND	---	0.0713
76	61/70/74/76	---	---	ND	---	0.0951
77		---	---	ND	---	0.0238
78		---	---	ND	---	0.0238
79		---	---	ND	---	0.0238
80		---	---	ND	---	0.0238
81		---	---	ND	---	0.0238
82		---	---	ND	---	0.0238
83		---	---	ND	---	0.0238
84		31.676	1.62	0.0296	---	0.0238
85	85/116/117	---	---	ND	---	0.0713
86	86/87/97/108/119/125	---	---	ND	---	0.143
87	86/87/97/108/119/125	---	---	ND	---	0.143
88	88/91	31.458	1.57	0.0494	---	0.0475
89		---	---	ND	---	0.0238
90	90/101/113	33.621	1.57	0.235	---	0.0713
91	88/91	31.458	1.57	(0.0494)	---	0.0475
92		33.000	1.46	0.0600	---	0.0238
93	93/98/100/102	---	---	ND	---	0.0951
94		---	---	ND	---	0.0238
95		30.518	1.53	0.163	---	0.0665
96		---	---	ND	---	0.0238

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt. 341 Bridge
Lab Sample ID 10689293005
Filename Y240423B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.143
98	93/98/100/102	---	---	ND	---	0.0951
99		34.241	1.59	0.0987	---	0.0238
100	93/98/100/102	---	---	ND	---	0.0951
101	90/101/113	33.621	1.57	(0.235)	---	0.0713
102	93/98/100/102	---	---	ND	---	0.0951
103		---	---	ND	---	0.0238
104		---	---	ND	---	0.0238
105		39.980	1.50	0.0503	---	0.0238
106		---	---	ND	---	0.0238
107	107/124	---	---	ND	---	0.0475
108	86/87/97/108/119/125	---	---	ND	---	0.143
109		---	---	ND	---	0.0238
110	110/115	35.683	1.57	0.209	---	0.0475
111		---	---	ND	---	0.0238
112		---	---	ND	---	0.0238
113	90/101/113	33.621	1.57	(0.235)	---	0.0713
114		---	---	ND	---	0.0238
115	110/115	35.683	1.57	(0.209)	---	0.0475
116	85/116/117	---	---	ND	---	0.0713
117	85/116/117	---	---	ND	---	0.0713
118		38.773	1.56	0.134	---	0.0371
119	86/87/97/108/119/125	---	---	ND	---	0.143
120		---	---	ND	---	0.0238
121		---	---	ND	---	0.0238
122		---	---	ND	---	0.0238
123		---	---	ND	---	0.0238
124	107/124	---	---	ND	---	0.0475
125	86/87/97/108/119/125	---	---	ND	---	0.143
126		---	---	ND	---	0.0238
127		---	---	ND	---	0.0238
128	128/166	---	---	ND	---	0.0475
129	129/138/163	41.976	1.22	0.468	---	0.0713
130		41.305	1.23	0.0248	---	0.0238
131		---	---	ND	---	0.0238
132		38.874	1.26	0.121	---	0.0238
133		---	---	ND	---	0.0238
134	134/143	---	---	ND	---	0.0475
135	135/151	36.622	1.27	0.201	---	0.0475
136		34.140	1.27	0.0562	---	0.0238
137		---	---	ND	---	0.0238
138	129/138/163	41.976	1.22	(0.468)	---	0.0713
139	139/140	---	---	ND	---	0.0475
140	139/140	---	---	ND	---	0.0475
141		40.886	1.21	0.0955	---	0.0238
142		---	---	ND	---	0.0238
143	134/143	---	---	ND	---	0.0475
144		---	---	ND	---	0.0238

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt. 341 Bridge
Lab Sample ID	10689293005
Filename	Y240423B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0238
146		40.064	1.26	0.0854	---	0.0238
147	147/149	37.600	1.26	0.411	---	0.0475
148		---	---	ND	---	0.0238
149	147/149	37.600	1.26	(0.411)	---	0.0475
150		---	---	ND	---	0.0238
151	135/151	36.622	1.27	(0.201)	---	0.0475
152		---	---	ND	---	0.0238
153	153/168	40.701	1.22	0.452	---	0.0475
154		---	---	ND	---	0.0238
155		---	---	ND	---	0.0238
156	156/157	---	---	ND	---	0.0475
157	156/157	---	---	ND	---	0.0475
158		42.361	1.17	0.0354	---	0.0238
159		---	---	ND	---	0.0238
160		---	---	ND	---	0.0238
161		---	---	ND	---	0.0238
162		---	---	ND	---	0.0238
163	129/138/163	41.976	1.22	(0.468)	---	0.0713
164		41.640	1.23	0.0327	---	0.0238
165		---	---	ND	---	0.0238
166	128/166	---	---	ND	---	0.0475
167		---	---	ND	---	0.0238
168	153/168	40.701	1.22	(0.452)	---	0.0475
169		---	---	ND	---	0.0238
170		48.872	1.03	0.144	---	0.0238
171	171/173	---	---	ND	---	0.0475
172		46.944	1.08	0.0307	---	0.0238
173	171/173	---	---	ND	---	0.0475
174		44.211	1.02	0.163	---	0.0238
175		---	---	ND	---	0.0238
176		---	---	ND	---	0.0238
177		44.664	1.02	0.106	---	0.0238
178		42.412	1.01	0.0430	---	0.0238
179		39.645	1.06	0.0764	---	0.0238
180	180/193	47.598	1.04	0.340	---	0.0475
181		---	---	ND	---	0.0238
182		---	---	ND	---	0.0238
183	183/185	43.993	1.07	0.112	---	0.0475
184		---	---	ND	---	0.0238
185	183/185	43.993	1.07	(0.112)	---	0.0475
186		---	---	ND	---	0.0238
187		43.351	1.03	0.206	---	0.0238
188		---	---	ND	---	0.0238
189		---	---	ND	---	0.0238
190		49.425	1.04	0.0348	---	0.0238
191		---	---	ND	---	0.0238
192		---	---	ND	---	0.0238

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt. 341 Bridge
Lab Sample ID	10689293005
Filename	Y240423B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.598	1.04	(0.340)	---	0.0475
194		54.141	0.90	0.0702	---	0.0238
195		51.792	0.94	0.0339	---	0.0238
196		50.264	0.88	0.0396	---	0.0238
197	197/200	---	---	ND	---	0.0475
198	198/199	49.593	0.92	0.0760	---	0.0475
199	198/199	49.593	0.92	(0.0760)	---	0.0475
200	197/200	---	---	ND	---	0.0475
201		---	---	ND	---	0.0238
202		---	---	ND	---	0.0238
203		50.448	0.91	0.0496	---	0.0238
204		---	---	ND	---	0.0238
205		---	---	ND	---	0.0238
206		---	---	ND	---	0.0238
207		---	---	ND	---	0.0238
208		---	---	ND	---	0.0238
209		---	---	ND	---	0.0238

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt. 341 Bridge
Lab Sample ID	10689293005
Filename	Y240423B_09

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.226
Total Trichloro Biphenyls	0.122
Total Tetrachloro Biphenyls	0.551
Total Pentachloro Biphenyls	1.03
Total Hexachloro Biphenyls	1.98
Total Heptachloro Biphenyls	1.26
Total Octachloro Biphenyls	0.269
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	5.44

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Canaan Town Line Bridge		
Lab Sample ID	10689293006		
Filename	Y240423B_10		
Injected By	AH5		
Total Amount Extracted	1770 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/10/2024 17:15
ICAL ID	Y240423B02	Received	04/12/2024 08:55
CCal Filename(s)	Y240423B_01	Extracted	04/17/2024 14:30
Method Blank ID	BLANK-112386	Analyzed	04/24/2024 06:11

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.543	3.16	2.0	0.763	38
13C-4-MoCB	3	13.395	3.25	2.0	0.931	47
13C-2,2'-DiCB	4	13.718	1.60	2.0	0.691	35
13C-4,4'-DiCB	15	20.857	1.61	2.0	1.22	61
13C-2,2',6-TrCB	19	17.574	1.09	2.0	0.847	42
13C-3,4,4'-TrCB	37	28.652	1.07	2.0	1.47	73
13C-2,2',6,6'-TeCB	54	21.207	0.81	2.0	0.958	48
13C-3,4,4',5-TeCB	81	35.783	0.81	2.0	1.61	80
13C-3,3',4,4'-TeCB	77	36.353	0.80	2.0	1.65	82
13C-2,2',4,6,6'-PeCB	104	27.344	1.63	2.0	1.03	51
13C-2,3,3',4,4'-PeCB	105	39.964	1.62	2.0	1.75	88
13C-2,3,4,4',5-PeCB	114	39.310	1.62	2.0	1.81	91
13C-2,3',4,4',5-PeCB	118	38.773	1.60	2.0	1.73	87
13C-2,3',4,4',5'-PeCB	123	38.421	1.58	2.0	1.75	87
13C-3,3',4,4',5-PeCB	126	43.116	1.60	2.0	1.75	87
13C-2,2',4,4',6,6'-HxCB	155	33.402	1.28	2.0	1.09	54
13C-HxCB(156/157)	156/157	46.189	1.27	4.0	3.46	86
13C-2,3',4,4',5,5'-HxCB	167	45.016	1.28	2.0	1.69	84
13C-3,3',4,4',5,5'-HxCB	169	49.459	1.29	2.0	1.71	86
13C-2,2',3,4',5,6,6'-HpCB	188	39.310	1.08	2.0	1.27	63
13C-2,3,3',4,4',5,5'-HpCB	189	52.007	1.05	2.0	1.76	88
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.764	0.91	2.0	1.26	63
13C-2,3,3',4,4',5,5',6-OcCB	205	54.594	0.90	2.0	1.51	76
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.361	0.80	2.0	1.35	68
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.533	0.80	2.0	1.39	70
13C-DeCB	209	57.999	0.72	2.0	1.26	63
CleanupStandards						
13C-2,4,4'-TrCB	28	24.292	1.07	2.0	1.35	68
13C-2,3,3',5,5'-PeCB	111	36.387	1.60	2.0	1.36	68
13C-2,2',3,3',5,5',6-HpCB	178	42.395	1.08	2.0	1.29	64
Recovery Standards						
13C-2,5-DiCB	9	16.196	1.61	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	26.288	0.80	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.604	1.61	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.942	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	54.120	0.92	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Canaan Town Line Bridge
Lab Sample ID	10689293006
Filename	Y240423B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.568	2.91	0.0260	---	0.0226
2		---	---	ND	---	0.0226
3		---	---	ND	---	0.0226
4		13.730	1.64	0.362	---	0.0226
5		---	---	ND	---	0.0226
6		---	---	ND	---	0.0226
7		---	---	ND	---	0.0226
8		---	---	ND	---	0.0226
9		---	---	ND	---	0.0226
10		---	---	ND	---	0.0226
11		---	---	ND	---	0.222
12	12/13	---	---	ND	---	0.0453
13	12/13	---	---	ND	---	0.0453
14		---	---	ND	---	0.0226
15		---	---	ND	---	0.0299
16		---	---	ND	---	0.0226
17		20.306	1.06	0.0359	---	0.0226
18	18/30	---	---	ND	---	0.0453
19		17.598	1.03	0.208	---	0.0226
20	20/28	---	---	ND	---	0.117
21	21/33	---	---	ND	---	0.122
22		---	---	ND	---	0.0860
23		---	---	ND	---	0.0226
24		---	---	ND	---	0.0226
25		---	---	ND	---	0.0226
26	26/29	---	---	ND	---	0.0453
27		20.545	1.06	0.0304	---	0.0226
28	20/28	---	---	ND	---	0.117
29	26/29	---	---	ND	---	0.0453
30	18/30	---	---	ND	---	0.0453
31		---	---	ND	---	0.118
32		21.425	1.04	0.0391	---	0.0226
33	21/33	---	---	ND	---	0.122
34		---	---	ND	---	0.0226
35		---	---	ND	---	0.0226
36		---	---	ND	---	0.0226
37		---	---	ND	---	0.0480
38		---	---	ND	---	0.0226
39		---	---	ND	---	0.0226
40	40/41/71	---	---	ND	---	0.0679
41	40/41/71	---	---	ND	---	0.0679
42		---	---	ND	---	0.0226
43	43/73	---	---	ND	---	0.0453
44	44/47/65	27.461	0.77	0.351	---	0.0679
45	45/51	24.510	0.78	0.170	---	0.0453
46		---	---	ND	---	0.0226
47	44/47/65	27.461	0.77	(0.351)	---	0.0679
48		---	---	ND	---	0.0226

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Canaan Town Line Bridge
Lab Sample ID	10689293006
Filename	Y240423B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.858	0.75	0.197	---	0.0453
50	50/53	23.655	0.78	0.141	---	0.0453
51	45/51	24.510	0.78	(0.170)	---	0.0453
52		26.304	0.80	0.163	---	0.117
53	50/53	23.655	0.78	(0.141)	---	0.0453
54		21.224	0.76	0.0527	---	0.0226
55		---	---	ND	---	0.0226
56		---	---	ND	---	0.0226
57		---	---	ND	---	0.0226
58		---	---	ND	---	0.0226
59	59/62/75	---	---	ND	---	0.0679
60		---	---	ND	---	0.0226
61	61/70/74/76	---	---	ND	---	0.0905
62	59/62/75	---	---	ND	---	0.0679
63		---	---	ND	---	0.0226
64		---	---	ND	---	0.0226
65	44/47/65	27.461	0.77	(0.351)	---	0.0679
66		---	---	ND	---	0.0534
67		---	---	ND	---	0.0226
68		---	---	ND	---	0.0226
69	49/69	26.858	0.75	(0.197)	---	0.0453
70	61/70/74/76	---	---	ND	---	0.0905
71	40/41/71	---	---	ND	---	0.0679
72		---	---	ND	---	0.0226
73	43/73	---	---	ND	---	0.0453
74	61/70/74/76	---	---	ND	---	0.0905
75	59/62/75	---	---	ND	---	0.0679
76	61/70/74/76	---	---	ND	---	0.0905
77		---	---	ND	---	0.0226
78		---	---	ND	---	0.0226
79		---	---	ND	---	0.0226
80		---	---	ND	---	0.0226
81		---	---	ND	---	0.0226
82		---	---	ND	---	0.0226
83		---	---	ND	---	0.0226
84		31.675	1.55	0.0301	---	0.0226
85	85/116/117	---	---	ND	---	0.0679
86	86/87/97/108/119/125	---	---	ND	---	0.136
87	86/87/97/108/119/125	---	---	ND	---	0.136
88	88/91	31.457	1.54	0.0749	---	0.0453
89		---	---	ND	---	0.0226
90	90/101/113	33.637	1.58	0.296	---	0.0679
91	88/91	31.457	1.54	(0.0749)	---	0.0453
92		33.017	1.59	0.0864	---	0.0226
93	93/98/100/102	---	---	ND	---	0.0905
94		---	---	ND	---	0.0226
95		30.518	1.55	0.209	---	0.0634
96		---	---	ND	---	0.0226

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Canaan Town Line Bridge
Lab Sample ID	10689293006
Filename	Y240423B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.136
98	93/98/100/102	---	---	ND	---	0.0905
99		34.257	1.59	0.130	---	0.0226
100	93/98/100/102	---	---	ND	---	0.0905
101	90/101/113	33.637	1.58	(0.296)	---	0.0679
102	93/98/100/102	---	---	ND	---	0.0905
103		---	---	ND	---	0.0226
104		---	---	ND	---	0.0226
105		39.980	1.58	0.0384	---	0.0226
106		---	---	ND	---	0.0226
107	107/124	---	---	ND	---	0.0453
108	86/87/97/108/119/125	---	---	ND	---	0.136
109		---	---	ND	---	0.0226
110	110/115	35.682	1.59	0.222	---	0.0453
111		---	---	ND	---	0.0226
112		---	---	ND	---	0.0226
113	90/101/113	33.637	1.58	(0.296)	---	0.0679
114		---	---	ND	---	0.0226
115	110/115	35.682	1.59	(0.222)	---	0.0453
116	85/116/117	---	---	ND	---	0.0679
117	85/116/117	---	---	ND	---	0.0679
118		38.790	1.52	0.125	---	0.0353
119	86/87/97/108/119/125	---	---	ND	---	0.136
120		---	---	ND	---	0.0226
121		---	---	ND	---	0.0226
122		---	---	ND	---	0.0226
123		---	---	ND	---	0.0226
124	107/124	---	---	ND	---	0.0453
125	86/87/97/108/119/125	---	---	ND	---	0.136
126		---	---	ND	---	0.0226
127		---	---	ND	---	0.0226
128	128/166	---	---	ND	---	0.0453
129	129/138/163	41.976	1.25	0.623	---	0.0679
130		41.305	1.19	0.0326	---	0.0226
131		---	---	ND	---	0.0226
132		38.890	1.21	0.158	---	0.0226
133		---	---	ND	---	0.0226
134	134/143	---	---	ND	---	0.0453
135	135/151	36.621	1.28	0.300	---	0.0453
136		34.140	1.32	0.0813	---	0.0226
137		---	---	ND	---	0.0226
138	129/138/163	41.976	1.25	(0.623)	---	0.0679
139	139/140	---	---	ND	---	0.0453
140	139/140	---	---	ND	---	0.0453
141		40.886	1.24	0.125	---	0.0226
142		---	---	ND	---	0.0226
143	134/143	---	---	ND	---	0.0453
144		37.225	1.29	0.0278	---	0.0226

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Canaan Town Line Bridge
Lab Sample ID	10689293006
Filename	Y240423B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0226
146		40.064	1.25	0.127	---	0.0226
147	147/149	37.599	1.26	0.615	---	0.0453
148		---	---	ND	---	0.0226
149	147/149	37.599	1.26	(0.615)	---	0.0453
150		---	---	ND	---	0.0226
151	135/151	36.621	1.28	(0.300)	---	0.0453
152		---	---	ND	---	0.0226
153	153/168	40.701	1.25	0.656	---	0.0453
154		---	---	ND	---	0.0226
155		---	---	ND	---	0.0226
156	156/157	---	---	ND	---	0.0453
157	156/157	---	---	ND	---	0.0453
158		42.378	1.23	0.0421	---	0.0226
159		---	---	ND	---	0.0226
160		---	---	ND	---	0.0226
161		---	---	ND	---	0.0226
162		---	---	ND	---	0.0226
163	129/138/163	41.976	1.25	(0.623)	---	0.0679
164		41.640	1.23	0.0441	---	0.0226
165		---	---	ND	---	0.0226
166	128/166	---	---	ND	---	0.0453
167		---	---	ND	---	0.0226
168	153/168	40.701	1.25	(0.656)	---	0.0453
169		---	---	ND	---	0.0226
170		48.889	1.06	0.205	---	0.0226
171	171/173	45.317	1.01	0.0665	---	0.0453
172		46.944	1.10	0.0460	---	0.0226
173	171/173	45.317	1.01	(0.0665)	---	0.0453
174		44.211	1.05	0.244	---	0.0226
175		---	---	ND	---	0.0226
176		40.567	1.04	0.0310	---	0.0226
177		44.664	1.05	0.160	---	0.0226
178		42.428	1.01	0.0656	---	0.0226
179		39.662	1.07	0.119	---	0.0226
180	180/193	47.614	1.06	0.499	---	0.0453
181		---	---	ND	---	0.0226
182		---	---	ND	---	0.0226
183	183/185	43.993	1.02	0.165	---	0.0453
184		---	---	ND	---	0.0226
185	183/185	43.993	1.02	(0.165)	---	0.0453
186		---	---	ND	---	0.0226
187		43.350	1.04	0.308	---	0.0226
188		---	---	ND	---	0.0226
189		---	---	ND	---	0.0226
190		49.425	1.06	0.0483	---	0.0226
191		---	---	ND	---	0.0226
192		---	---	ND	---	0.0226

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Canaan Town Line Bridge
Lab Sample ID	10689293006
Filename	Y240423B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.614	1.06	(0.499)	---	0.0453
194		54.141	0.90	0.108	---	0.0226
195		51.813	0.89	0.0500	---	0.0226
196		50.264	0.91	0.0565	---	0.0226
197	197/200	---	---	ND	---	0.0453
198	198/199	49.610	0.89	0.0999	---	0.0453
199	198/199	49.610	0.89	(0.0999)	---	0.0453
200	197/200	---	---	ND	---	0.0453
201		---	---	ND	---	0.0226
202		44.798	0.95	0.0260	---	0.0226
203		50.465	0.91	0.0752	---	0.0226
204		---	---	ND	---	0.0226
205		---	---	ND	---	0.0226
206		56.383	0.79	0.0262	---	0.0226
207		---	---	ND	---	0.0226
208		---	---	ND	---	0.0226
209		---	---	ND	---	0.0226

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Canaan Town Line Bridge
Lab Sample ID	10689293006
Filename	Y240423B_10

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0260
Total Dichloro Biphenyls	0.362
Total Trichloro Biphenyls	0.313
Total Tetrachloro Biphenyls	1.08
Total Pentachloro Biphenyls	1.21
Total Hexachloro Biphenyls	2.83
Total Heptachloro Biphenyls	1.96
Total Octachloro Biphenyls	0.415
Total Nonachloro Biphenyls	0.0262
DecachloroBiphenyls	ND
Total PCBs	8.22

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Falls Village Dam		
Lab Sample ID	10689293007		
Filename	Y240423B_11		
Injected By	AH5		
Total Amount Extracted	1720 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/10/2024 12:45
ICAL ID	Y240423B02	Received	04/12/2024 08:55
CCal Filename(s)	Y240423B_01	Extracted	04/17/2024 14:30
Method Blank ID	BLANK-112386	Analyzed	04/24/2024 07:12

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.688	3.15	2.0	0.771	39
13C-4-MoCB	3	13.479	3.20	2.0	0.931	47
13C-2,2'-DiCB	4	13.791	1.59	2.0	0.687	34
13C-4,4'-DiCB	15	20.882	1.60	2.0	1.15	58
13C-2,2',6-TrCB	19	17.624	1.10	2.0	0.843	42
13C-3,4,4'-TrCB	37	28.654	1.04	2.0	1.33	66
13C-2,2',6,6'-TeCB	54	21.226	0.80	2.0	0.953	48
13C-3,4,4',5-TeCB	81	35.769	0.79	2.0	1.41	70
13C-3,3',4,4'-TeCB	77	36.339	0.80	2.0	1.46	73
13C-2,2',4,6,6'-PeCB	104	27.346	1.65	2.0	0.934	47
13C-2,3,3',4,4'-PeCB	105	39.949	1.61	2.0	1.56	78
13C-2,3,4,4',5-PeCB	114	39.312	1.58	2.0	1.52	76
13C-2,3',4,4',5-PeCB	118	38.759	1.61	2.0	1.53	76
13C-2,3',4,4',5'-PeCB	123	38.407	1.56	2.0	1.52	76
13C-3,3',4,4',5-PeCB	126	43.102	1.61	2.0	1.65	82
13C-2,2',4,4',6,6'-HxCB	155	33.388	1.29	2.0	0.893	45
13C-HxCB(156/157)	156/157	46.175	1.28	4.0	2.95	74
13C-2,3',4,4',5,5'-HxCB	167	45.001	1.28	2.0	1.43	71
13C-3,3',4,4',5,5'-HxCB	169	49.445	1.25	2.0	1.52	76
13C-2,2',3,4',5,6,6'-HpCB	188	39.295	1.06	2.0	1.05	52
13C-2,3,3',4,4',5,5'-HpCB	189	51.989	1.04	2.0	1.52	76
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.767	0.92	2.0	1.03	52
13C-2,3,3',4,4',5,5',6-OcCB	205	54.597	0.91	2.0	1.27	63
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.342	0.81	2.0	1.19	59
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.536	0.79	2.0	1.23	61
13C-DeCB	209	58.002	0.72	2.0	1.10	55
CleanupStandards						
13C-2,4,4'-TrCB	28	24.294	1.06	2.0	1.24	62
13C-2,3,3',5,5'-PeCB	111	36.389	1.60	2.0	1.21	61
13C-2,2',3,3',5,5',6-HpCB	178	42.397	1.08	2.0	1.12	56
Recovery Standards						
13C-2,5-DiCB	9	16.257	1.59	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	26.289	0.80	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.589	1.60	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.944	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	54.122	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10689293007
Filename	Y240423B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.711	3.04	0.0246	---	0.0232
2		---	---	ND	---	0.0232
3		---	---	ND	---	0.0232
4		13.803	1.57	0.348	---	0.0232
5		---	---	ND	---	0.0232
6		---	---	ND	---	0.0232
7		---	---	ND	---	0.0232
8		---	---	ND	---	0.0232
9		---	---	ND	---	0.0232
10		---	---	ND	---	0.0232
11		---	---	ND	---	0.228
12	12/13	---	---	ND	---	0.0465
13	12/13	---	---	ND	---	0.0465
14		---	---	ND	---	0.0232
15		---	---	ND	---	0.0307
16		---	---	ND	---	0.0232
17		20.331	1.07	0.0341	---	0.0232
18	18/30	---	---	ND	---	0.0465
19		17.647	1.02	0.200	---	0.0232
20	20/28	---	---	ND	---	0.120
21	21/33	---	---	ND	---	0.125
22		---	---	ND	---	0.0883
23		---	---	ND	---	0.0232
24		---	---	ND	---	0.0232
25		---	---	ND	---	0.0232
26	26/29	---	---	ND	---	0.0465
27		20.571	1.10	0.0325	---	0.0232
28	20/28	---	---	ND	---	0.120
29	26/29	---	---	ND	---	0.0465
30	18/30	---	---	ND	---	0.0465
31		---	---	ND	---	0.121
32		21.460	0.98	0.0416	---	0.0232
33	21/33	---	---	ND	---	0.125
34		---	---	ND	---	0.0232
35		---	---	ND	---	0.0232
36		---	---	ND	---	0.0232
37		---	---	ND	---	0.0493
38		---	---	ND	---	0.0232
39		---	---	ND	---	0.0232
40	40/41/71	---	---	ND	---	0.0697
41	40/41/71	---	---	ND	---	0.0697
42		---	---	ND	---	0.0232
43	43/73	---	---	ND	---	0.0465
44	44/47/65	27.463	0.78	0.360	---	0.0697
45	45/51	24.512	0.79	0.179	---	0.0465
46		---	---	ND	---	0.0232
47	44/47/65	27.463	0.78	(0.360)	---	0.0697
48		---	---	ND	---	0.0232

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10689293007
Filename	Y240423B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.860	0.79	0.205	---	0.0465
50	50/53	23.674	0.78	0.151	---	0.0465
51	45/51	24.512	0.79	(0.179)	---	0.0465
52		26.306	0.78	0.164	---	0.120
53	50/53	23.674	0.78	(0.151)	---	0.0465
54		21.259	0.75	0.0526	---	0.0232
55		---	---	ND	---	0.0232
56		---	---	ND	---	0.0232
57		---	---	ND	---	0.0232
58		---	---	ND	---	0.0232
59	59/62/75	---	---	ND	---	0.0697
60		---	---	ND	---	0.0232
61	61/70/74/76	---	---	ND	---	0.0929
62	59/62/75	---	---	ND	---	0.0697
63		---	---	ND	---	0.0232
64		---	---	ND	---	0.0232
65	44/47/65	27.463	0.78	(0.360)	---	0.0697
66		---	---	ND	---	0.0548
67		---	---	ND	---	0.0232
68		---	---	ND	---	0.0232
69	49/69	26.860	0.79	(0.205)	---	0.0465
70	61/70/74/76	---	---	ND	---	0.0929
71	40/41/71	---	---	ND	---	0.0697
72		---	---	ND	---	0.0232
73	43/73	---	---	ND	---	0.0465
74	61/70/74/76	---	---	ND	---	0.0929
75	59/62/75	---	---	ND	---	0.0697
76	61/70/74/76	---	---	ND	---	0.0929
77		---	---	ND	---	0.0232
78		---	---	ND	---	0.0232
79		---	---	ND	---	0.0232
80		---	---	ND	---	0.0232
81		---	---	ND	---	0.0232
82		---	---	ND	---	0.0232
83		---	---	ND	---	0.0232
84		31.660	1.53	0.0285	---	0.0232
85	85/116/117	---	---	ND	---	0.0697
86	86/87/97/108/119/125	---	---	ND	---	0.139
87	86/87/97/108/119/125	---	---	ND	---	0.139
88	88/91	31.442	1.59	0.0796	---	0.0465
89		---	---	ND	---	0.0232
90	90/101/113	33.622	1.54	0.284	---	0.0697
91	88/91	31.442	1.59	(0.0796)	---	0.0465
92		33.002	1.53	0.0851	---	0.0232
93	93/98/100/102	---	---	ND	---	0.0929
94		---	---	ND	---	0.0232
95		30.520	1.60	0.203	---	0.0650
96		---	---	ND	---	0.0232

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10689293007
Filename	Y240423B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.139
98	93/98/100/102	---	---	ND	---	0.0929
99		34.243	1.51	0.129	---	0.0232
100	93/98/100/102	---	---	ND	---	0.0929
101	90/101/113	33.622	1.54	(0.284)	---	0.0697
102	93/98/100/102	---	---	ND	---	0.0929
103		---	---	ND	---	0.0232
104		---	---	ND	---	0.0232
105		39.983	1.57	0.0288	---	0.0232
106		---	---	ND	---	0.0232
107	107/124	---	---	ND	---	0.0465
108	86/87/97/108/119/125	---	---	ND	---	0.139
109		---	---	ND	---	0.0232
110	110/115	35.668	1.53	0.213	---	0.0465
111		---	---	ND	---	0.0232
112		---	---	ND	---	0.0232
113	90/101/113	33.622	1.54	(0.284)	---	0.0697
114		---	---	ND	---	0.0232
115	110/115	35.668	1.53	(0.213)	---	0.0465
116	85/116/117	---	---	ND	---	0.0697
117	85/116/117	---	---	ND	---	0.0697
118		38.776	1.55	0.107	---	0.0362
119	86/87/97/108/119/125	---	---	ND	---	0.139
120		---	---	ND	---	0.0232
121		---	---	ND	---	0.0232
122		---	---	ND	---	0.0232
123		---	---	ND	---	0.0232
124	107/124	---	---	ND	---	0.0465
125	86/87/97/108/119/125	---	---	ND	---	0.139
126		---	---	ND	---	0.0232
127		---	---	ND	---	0.0232
128	128/166	43.252	1.27	0.0473	---	0.0465
129	129/138/163	41.961	1.25	0.639	---	0.0697
130		41.307	1.29	0.0334	---	0.0232
131		---	---	ND	---	0.0232
132		38.876	1.25	0.156	---	0.0232
133		---	---	ND	---	0.0232
134	134/143	---	---	ND	---	0.0465
135	135/151	36.624	1.30	0.310	---	0.0465
136		34.125	1.29	0.0846	---	0.0232
137		---	---	ND	---	0.0232
138	129/138/163	41.961	1.25	(0.639)	---	0.0697
139	139/140	---	---	ND	---	0.0465
140	139/140	---	---	ND	---	0.0465
141		40.888	1.27	0.129	---	0.0232
142		---	---	ND	---	0.0232
143	134/143	---	---	ND	---	0.0465
144		37.210	1.33	0.0291	---	0.0232

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10689293007
Filename	Y240423B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0232
146		40.067	1.29	0.132	---	0.0232
147	147/149	37.585	1.25	0.624	---	0.0465
148		---	---	ND	---	0.0232
149	147/149	37.585	1.25	(0.624)	---	0.0465
150		---	---	ND	---	0.0232
151	135/151	36.624	1.30	(0.310)	---	0.0465
152		---	---	ND	---	0.0232
153	153/168	40.704	1.24	0.668	---	0.0465
154		---	---	ND	---	0.0232
155		---	---	ND	---	0.0232
156	156/157	---	---	ND	---	0.0465
157	156/157	---	---	ND	---	0.0465
158		42.364	1.33	0.0431	---	0.0232
159		---	---	ND	---	0.0232
160		---	---	ND	---	0.0232
161		---	---	ND	---	0.0232
162		---	---	ND	---	0.0232
163	129/138/163	41.961	1.25	(0.639)	---	0.0697
164		41.643	1.21	0.0438	---	0.0232
165		---	---	ND	---	0.0232
166	128/166	43.252	1.27	(0.0473)	---	0.0465
167		---	---	ND	---	0.0232
168	153/168	40.704	1.24	(0.668)	---	0.0465
169		---	---	ND	---	0.0232
170		48.875	1.04	0.215	---	0.0232
171	171/173	45.303	1.04	0.0676	---	0.0465
172		46.930	1.03	0.0487	---	0.0232
173	171/173	45.303	1.04	(0.0676)	---	0.0465
174		44.214	1.06	0.256	---	0.0232
175		---	---	ND	---	0.0232
176		40.569	1.01	0.0322	---	0.0232
177		44.666	1.05	0.168	---	0.0232
178		42.414	1.09	0.0705	---	0.0232
179		39.647	1.09	0.126	---	0.0232
180	180/193	47.600	1.04	0.524	---	0.0465
181		---	---	ND	---	0.0232
182		---	---	ND	---	0.0232
183	183/185	43.979	1.05	0.170	---	0.0465
184		---	---	ND	---	0.0232
185	183/185	43.979	1.05	(0.170)	---	0.0465
186		---	---	ND	---	0.0232
187		43.353	1.07	0.337	---	0.0232
188		---	---	ND	---	0.0232
189		---	---	ND	---	0.0232
190		49.428	1.03	0.0510	---	0.0232
191		---	---	ND	---	0.0232
192		---	---	ND	---	0.0232

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10689293007
Filename	Y240423B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.600	1.04	(0.524)	---	0.0465
194		54.144	0.93	0.115	---	0.0232
195		51.795	0.87	0.0545	---	0.0232
196		50.250	0.91	0.0608	---	0.0232
197	197/200	---	---	ND	---	0.0465
198	198/199	49.579	0.91	0.131	---	0.0465
199	198/199	49.579	0.91	(0.131)	---	0.0465
200	197/200	---	---	ND	---	0.0465
201		---	---	ND	---	0.0232
202		44.784	0.90	0.0266	---	0.0232
203		50.451	0.89	0.0790	---	0.0232
204		---	---	ND	---	0.0232
205		---	---	ND	---	0.0232
206		56.364	0.75	0.0301	---	0.0232
207		---	---	ND	---	0.0232
208		---	---	ND	---	0.0232
209		---	---	ND	---	0.0232

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10689293007
Filename	Y240423B_11

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0246
Total Dichloro Biphenyls	0.348
Total Trichloro Biphenyls	0.309
Total Tetrachloro Biphenyls	1.11
Total Pentachloro Biphenyls	1.16
Total Hexachloro Biphenyls	2.94
Total Heptachloro Biphenyls	2.07
Total Octachloro Biphenyls	0.467
Total Nonachloro Biphenyls	0.0301
DecachloroBiphenyls	ND
Total PCBs	8.45

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rannapo Rd Bridge		
Lab Sample ID	10689293008		
Filename	Y240423B_12		
Injected By	AH5		
Total Amount Extracted	1720 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/10/2024 18:20
ICAL ID	Y240423B02	Received	04/12/2024 08:55
CCal Filename(s)	Y240423B_01	Extracted	04/17/2024 14:30
Method Blank ID	BLANK-112386	Analyzed	04/24/2024 08:13

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.567	3.05	2.0	0.806	40
13C-4-MoCB	3	13.407	3.18	2.0	0.950	48
13C-2,2'-DiCB	4	13.719	1.60	2.0	0.697	35
13C-4,4'-DiCB	15	20.870	1.59	2.0	1.27	64
13C-2,2',6-TrCB	19	17.587	1.09	2.0	0.872	44
13C-3,4,4'-TrCB	37	28.655	1.07	2.0	1.76	88
13C-2,2',6,6'-TeCB	54	21.208	0.80	2.0	1.13	56
13C-3,4,4',5-TeCB	81	35.770	0.80	2.0	1.90	95
13C-3,3',4,4'-TeCB	77	36.357	0.79	2.0	1.99	100
13C-2,2',4,6,6'-PeCB	104	27.347	1.63	2.0	1.07	53
13C-2,3,3',4,4'-PeCB	105	39.968	1.57	2.0	1.94	97
13C-2,3,4,4',5-PeCB	114	39.314	1.59	2.0	1.93	96
13C-2,3',4,4',5-PeCB	118	38.760	1.60	2.0	1.91	96
13C-2,3',4,4',5'-PeCB	123	38.425	1.59	2.0	1.91	95
13C-3,3',4,4',5-PeCB	126	43.104	1.65	2.0	2.01	100
13C-2,2',4,4',6,6'-HxCB	155	33.406	1.30	2.0	1.16	58
13C-HxCB(156/157)	156/157	46.178	1.28	4.0	3.83	96
13C-2,3',4,4',5,5'-HxCB	167	45.004	1.28	2.0	1.87	94
13C-3,3',4,4',5,5'-HxCB	169	49.448	1.23	2.0	1.91	96
13C-2,2',3,4',5,6,6'-HpCB	188	39.297	1.06	2.0	1.30	65
13C-2,3,3',4,4',5,5'-HpCB	189	51.992	1.06	2.0	1.87	93
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.769	0.90	2.0	1.32	66
13C-2,3,3',4,4',5,5',6-OcCB	205	54.600	0.89	2.0	1.61	81
13C-2,2',3,3',4,4',5,5',6-NoCB	206	56.346	0.81	2.0	1.43	72
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.540	0.80	2.0	1.51	76
13C-DeCB	209	57.985	0.72	2.0	1.36	68
CleanupStandards						
13C-2,4,4'-TrCB	28	24.295	1.07	2.0	1.59	79
13C-2,3,3',5,5'-PeCB	111	36.390	1.60	2.0	1.57	78
13C-2,2',3,3',5,5',6-HpCB	178	42.399	1.08	2.0	1.46	73
Recovery Standards						
13C-2,5-DiCB	9	16.209	1.61	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	26.290	0.81	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.607	1.60	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.946	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	54.126	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rannapo Rd Bridge
Lab Sample ID	10689293008
Filename	Y240423B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.591	3.11	0.0405	---	0.0233
2		---	---	ND	---	0.0233
3		---	---	ND	---	0.0233
4		13.743	1.57	0.592	---	0.0233
5		---	---	ND	---	0.0233
6		---	---	ND	---	0.0233
7		---	---	ND	---	0.0233
8		---	---	ND	---	0.0233
9		---	---	ND	---	0.0233
10		---	---	ND	---	0.0233
11		---	---	ND	---	0.228
12	12/13	---	---	ND	---	0.0466
13	12/13	---	---	ND	---	0.0466
14		---	---	ND	---	0.0233
15		20.882	1.54	0.0314	---	0.0308
16		---	---	ND	---	0.0233
17		20.319	1.06	0.0545	---	0.0233
18	18/30	---	---	ND	---	0.0466
19		17.611	1.04	0.343	---	0.0233
20	20/28	---	---	ND	---	0.120
21	21/33	---	---	ND	---	0.126
22		---	---	ND	---	0.0886
23		---	---	ND	---	0.0233
24		---	---	ND	---	0.0233
25		23.640	1.09	0.0253	---	0.0233
26	26/29	---	---	ND	---	0.0466
27		20.547	1.05	0.0492	---	0.0233
28	20/28	---	---	ND	---	0.120
29	26/29	---	---	ND	---	0.0466
30	18/30	---	---	ND	---	0.0466
31		---	---	ND	---	0.121
32		21.443	1.03	0.0669	---	0.0233
33	21/33	---	---	ND	---	0.126
34		---	---	ND	---	0.0233
35		---	---	ND	---	0.0233
36		---	---	ND	---	0.0233
37		---	---	ND	---	0.0494
38		---	---	ND	---	0.0233
39		---	---	ND	---	0.0233
40	40/41/71	28.504	0.80	0.0836	---	0.0699
41	40/41/71	28.504	0.80	(0.0836)	---	0.0699
42		27.967	0.73	0.0300	---	0.0233
43	43/73	---	---	ND	---	0.0466
44	44/47/65	27.464	0.77	0.587	---	0.0699
45	45/51	24.513	0.78	0.280	---	0.0466
46		---	---	ND	---	0.0233
47	44/47/65	27.464	0.77	(0.587)	---	0.0699
48		---	---	ND	---	0.0233

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rannapo Rd Bridge
Lab Sample ID	10689293008
Filename	Y240423B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.860	0.77	0.319	---	0.0466
50	50/53	23.674	0.77	0.223	---	0.0466
51	45/51	24.513	0.78	(0.280)	---	0.0466
52		26.324	0.76	0.249	---	0.120
53	50/53	23.674	0.77	(0.223)	---	0.0466
54		21.242	0.76	0.0865	---	0.0233
55		---	---	ND	---	0.0233
56		---	---	ND	---	0.0233
57		---	---	ND	---	0.0233
58		---	---	ND	---	0.0233
59	59/62/75	---	---	ND	---	0.0699
60		---	---	ND	---	0.0233
61	61/70/74/76	---	---	ND	---	0.0932
62	59/62/75	---	---	ND	---	0.0699
63		---	---	ND	---	0.0233
64		---	---	ND	---	0.0233
65	44/47/65	27.464	0.77	(0.587)	---	0.0699
66		31.813	0.75	0.0695	---	0.0550
67		---	---	ND	---	0.0233
68		---	---	ND	---	0.0233
69	49/69	26.860	0.77	(0.319)	---	0.0466
70	61/70/74/76	---	---	ND	---	0.0932
71	40/41/71	28.504	0.80	(0.0836)	---	0.0699
72		---	---	ND	---	0.0233
73	43/73	---	---	ND	---	0.0466
74	61/70/74/76	---	---	ND	---	0.0932
75	59/62/75	---	---	ND	---	0.0699
76	61/70/74/76	---	---	ND	---	0.0932
77		---	---	ND	---	0.0233
78		---	---	ND	---	0.0233
79		---	---	ND	---	0.0233
80		---	---	ND	---	0.0233
81		---	---	ND	---	0.0233
82		---	---	ND	---	0.0233
83		---	---	ND	---	0.0233
84		31.679	1.52	0.0496	---	0.0233
85	85/116/117	---	---	ND	---	0.0699
86	86/87/97/108/119/125	34.764	1.55	0.172	---	0.140
87	86/87/97/108/119/125	34.764	1.55	(0.172)	---	0.140
88	88/91	31.461	1.57	0.131	---	0.0466
89		---	---	ND	---	0.0233
90	90/101/113	33.624	1.57	0.492	---	0.0699
91	88/91	31.461	1.57	(0.131)	---	0.0466
92		33.020	1.53	0.139	---	0.0233
93	93/98/100/102	30.790	1.57	0.100	---	0.0932
94		30.069	1.65	0.0235	---	0.0233
95		30.521	1.58	0.335	---	0.0653
96		---	---	ND	---	0.0233

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rannapo Rd Bridge
Lab Sample ID 10689293008
Filename Y240423B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.764	1.55	(0.172)	---	0.140
98	93/98/100/102	30.790	1.57	(0.100)	---	0.0932
99		34.244	1.59	0.214	---	0.0233
100	93/98/100/102	30.790	1.57	(0.100)	---	0.0932
101	90/101/113	33.624	1.57	(0.492)	---	0.0699
102	93/98/100/102	30.790	1.57	(0.100)	---	0.0932
103		29.834	1.63	0.0365	---	0.0233
104		---	---	ND	---	0.0233
105		39.985	1.61	0.0553	---	0.0233
106		---	---	ND	---	0.0233
107	107/124	---	---	ND	---	0.0466
108	86/87/97/108/119/125	34.764	1.55	(0.172)	---	0.140
109		---	---	ND	---	0.0233
110	110/115	35.686	1.56	0.371	---	0.0466
111		---	---	ND	---	0.0233
112		---	---	ND	---	0.0233
113	90/101/113	33.624	1.57	(0.492)	---	0.0699
114		---	---	ND	---	0.0233
115	110/115	35.686	1.56	(0.371)	---	0.0466
116	85/116/117	---	---	ND	---	0.0699
117	85/116/117	---	---	ND	---	0.0699
118		38.794	1.51	0.205	---	0.0364
119	86/87/97/108/119/125	34.764	1.55	(0.172)	---	0.140
120		---	---	ND	---	0.0233
121		---	---	ND	---	0.0233
122		---	---	ND	---	0.0233
123		---	---	ND	---	0.0233
124	107/124	---	---	ND	---	0.0466
125	86/87/97/108/119/125	34.764	1.55	(0.172)	---	0.140
126		---	---	ND	---	0.0233
127		---	---	ND	---	0.0233
128	128/166	43.271	1.22	0.0822	---	0.0466
129	129/138/163	41.980	1.26	1.10	---	0.0699
130		41.309	1.14	0.0554	---	0.0233
131		---	---	ND	---	0.0233
132		38.878	1.22	0.277	---	0.0233
133		39.398	1.26	0.0298	---	0.0233
134	134/143	---	---	ND	---	0.0466
135	135/151	36.625	1.27	0.523	---	0.0466
136		34.144	1.26	0.140	---	0.0233
137		---	---	ND	---	0.0233
138	129/138/163	41.980	1.26	(1.10)	---	0.0699
139	139/140	---	---	ND	---	0.0466
140	139/140	---	---	ND	---	0.0466
141		40.890	1.20	0.223	---	0.0233
142		---	---	ND	---	0.0233
143	134/143	---	---	ND	---	0.0466
144		37.229	1.27	0.0487	---	0.0233

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rannapo Rd Bridge
Lab Sample ID 10689293008
Filename Y240423B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0233
146		40.068	1.23	0.219	---	0.0233
147	147/149	37.603	1.24	1.08	---	0.0466
148		---	---	ND	---	0.0233
149	147/149	37.603	1.24	(1.08)	---	0.0466
150		---	---	ND	---	0.0233
151	135/151	36.625	1.27	(0.523)	---	0.0466
152		---	---	ND	---	0.0233
153	153/168	40.706	1.23	1.16	---	0.0466
154		36.910	1.33	0.0323	---	0.0233
155		---	---	ND	---	0.0233
156	156/157	46.178	1.22	0.0594	---	0.0466
157	156/157	46.178	1.22	(0.0594)	---	0.0466
158		42.382	1.24	0.0752	---	0.0233
159		---	---	ND	---	0.0233
160		---	---	ND	---	0.0233
161		---	---	ND	---	0.0233
162		---	---	ND	---	0.0233
163	129/138/163	41.980	1.26	(1.10)	---	0.0699
164		41.645	1.27	0.0753	---	0.0233
165		---	---	ND	---	0.0233
166	128/166	43.271	1.22	(0.0822)	---	0.0466
167		45.037	1.25	0.0374	---	0.0233
168	153/168	40.706	1.23	(1.16)	---	0.0466
169		---	---	ND	---	0.0233
170		48.878	1.05	0.384	---	0.0233
171	171/173	45.322	1.04	0.121	---	0.0466
172		46.949	1.02	0.0834	---	0.0233
173	171/173	45.322	1.04	(0.121)	---	0.0466
174		44.215	1.06	0.441	---	0.0233
175		---	---	ND	---	0.0233
176		40.571	1.05	0.0568	---	0.0233
177		44.668	1.04	0.297	---	0.0233
178		42.416	1.08	0.119	---	0.0233
179		39.666	1.05	0.214	---	0.0233
180	180/193	47.603	1.05	0.936	---	0.0466
181		---	---	ND	---	0.0233
182		---	---	ND	---	0.0233
183	183/185	43.998	1.07	0.297	---	0.0466
184		---	---	ND	---	0.0233
185	183/185	43.998	1.07	(0.297)	---	0.0466
186		---	---	ND	---	0.0233
187		43.355	1.07	0.565	---	0.0233
188		---	---	ND	---	0.0233
189		---	---	ND	---	0.0233
190		49.431	1.06	0.0898	---	0.0233
191		---	---	ND	---	0.0233
192		---	---	ND	---	0.0233

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rannapo Rd Bridge
Lab Sample ID	10689293008
Filename	Y240423B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.603	1.05	(0.936)	---	0.0466
194		54.148	0.91	0.205	---	0.0233
195		51.798	0.90	0.0933	---	0.0233
196		50.253	0.92	0.102	---	0.0233
197	197/200	---	---	ND	---	0.0466
198	198/199	49.599	0.90	0.205	---	0.0466
199	198/199	49.599	0.90	(0.205)	---	0.0466
200	197/200	---	---	ND	---	0.0466
201		45.742	0.88	0.0263	---	0.0233
202		44.803	0.93	0.0463	---	0.0233
203		50.454	0.96	0.136	---	0.0233
204		---	---	ND	---	0.0233
205		---	---	ND	---	0.0233
206		56.368	0.77	0.0489	---	0.0233
207		---	---	ND	---	0.0233
208		---	---	ND	---	0.0233
209		---	---	ND	---	0.0233

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rannapo Rd Bridge
Lab Sample ID	10689293008
Filename	Y240423B_12

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0405
Total Dichloro Biphenyls	0.623
Total Trichloro Biphenyls	0.539
Total Tetrachloro Biphenyls	1.93
Total Pentachloro Biphenyls	2.32
Total Hexachloro Biphenyls	5.22
Total Heptachloro Biphenyls	3.60
Total Octachloro Biphenyls	0.813
Total Nonachloro Biphenyls	0.0489
DecachloroBiphenyls	ND
Total PCBs	15.1

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO# : 70294375

PM: BDR **Due Date: 04/24/24**

CLIENT: Pace-MN

st Pace Workorder Number or e

AB USE ONLY

Company: Arcadis	Billing Information: accountspayable, administration @ arcadis.com
Address: 110 W Fayette St, Suite 300 Syracuse, NY 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146.3000 Housatonic River BMP	State: MA / County/City: Pittsfield / Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET
Phone: 315-671-9374 Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): Peter T. Rabasco	Turnaround Date Required: Standard / Immediately Packed on Ice: [✓] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis:

Container Preservative Type **: 4

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses: TSS low Level SM2540D *

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	TSS low Level SM2540D *
Woods Pond Dam	WT		04/11/24	18:30				1	X
New Lenox Rd Bridge	WT		04/12/24	16:00				1	X
Pomeroy Avenue Bridge	WT		04/12/24	16:45				1	X
HR-D1	WT		04/11/24	—				1	X

Customer Remarks / Special Conditions / Possible Hazards: Please use entire sample for analysis. Short Hold Time Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: JUTGI30804 2943355

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: TH211
Cooler 1 Temp Upon Receipt: 1.0 oC
Cooler 1 Therm Corr. Factor: -0.4 oC
Cooler 1 Corrected Temp: 0.6 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Peter T. Rabasco / Arcadis	4/15/24 17:30		4/16 9:35
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10689511

Sample: Woods Pond Dam **Lab ID: 10689511001** Collected: 04/11/24 18:30 Received: 04/16/24 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.4**	mg/L	2.0	1		04/17/24 12:01		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10689511

Sample: New Lenox Rd. Bridge **Lab ID: 10689511002** Collected: 04/12/24 16:00 Received: 04/16/24 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**27.2**	mg/L	2.0	1		04/17/24 12:02		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10689511

Sample: Pomeroy Avenue Bridge **Lab ID: 10689511003** Collected: 04/12/24 16:45 Received: 04/16/24 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**45.2**	mg/L	2.0	1		04/17/24 12:02		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10689511

Sample: HR-D1 **Lab ID: 10689511004** Collected: 04/11/24 00:00 Received: 04/16/24 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**4.0**	mg/L	2.0	1		04/17/24 12:02		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workor

ALL SHADE

WO# : 10689785

10689785

Report No.: 10689785_10689785_2.pdf

Company: Arcadis	Billing Information: accountspayable.administration@arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146.3000 Housatonic River BMP	State: MA County/City: Pittsfield Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET
Phone: 315-671-9374 Email:	Site/Facility ID #:
Collected By (print): Pi Rabasco	Purchase Order #: Quote #:
Collected By (signature): Emily T. Rabasco	Turnaround Date Required: Standard
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Preservative Type ** (4)	Analyses: PCB 1668	Lab Profile/Line: 45643
Rising Pond Dam	WT		04/11/24	13:30				4		X	004
Rising Pond Dam (Lab Dup)	WT		04/11/24	13:30				4		X	005
Old Pleasant Street Bridge	WT		04/11/24	15:15				4		X	006
Woods Pond Dam	WT		04/11/24	18:30				4		X	008
HR-D1	WT		04/11/24	—				4		X	002
New Lenox Rd Bridge	WT		04/12/24	16:00				4		X	001
Pomeroy Avenue Bridge	WT		04/12/24	16:45				4		X	003
HR-EB1	WT		04/09/24	08:30				4		X	007

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

4/16/24 MS

Customer Remarks / Special Conditions / Possible Hazards:

Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2943353

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: (Y) N NA
Therm ID#: T3
Cooler 1 Temp Upon Receipt: 2.2 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: 2.1 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Emily T. Rabasco / Arcadis	04/16/24 17:30		4/16/24 16:50
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

Page 6 of 14

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	New Lenox Rd Bridge		
Lab Sample ID	10689785001		
Filename	P240427A_08		
Injected By	CVS		
Total Amount Extracted	1730 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/12/2024 16:00
ICAL ID	P240427A02	Received	04/18/2024 08:50
CCal Filename(s)	P240427A_01	Extracted	04/23/2024 14:15
Method Blank ID	BLANK-112565	Analyzed	04/27/2024 10:18

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.817	3.10	2.0	1.18	59
13C-4-MoCB	3	12.554	3.12	2.0	1.46	73
13C-2,2'-DiCB	4	12.847	1.51	2.0	1.36	68
13C-4,4'-DiCB	15	19.841	1.58	2.0	1.84	92
13C-2,2',6-TrCB	19	16.614	1.06	2.0	1.49	75
13C-3,4,4'-TrCB	37	27.585	1.06	2.0	1.71	86
13C-2,2',6,6'-TeCB	54	20.175	0.81	2.0	1.24	62
13C-3,4,4',5-TeCB	81	34.708	0.79	2.0	1.98	99
13C-3,3',4,4'-TeCB	77	35.296	0.82	2.0	1.98	99
13C-2,2',4,6,6'-PeCB	104	26.270	1.55	2.0	1.32	66
13C-2,3,3',4,4'-PeCB	105	38.900	1.58	2.0	1.76	88
13C-2,3,4,4',5-PeCB	114	38.246	1.62	2.0	1.79	89
13C-2,3',4,4',5-PeCB	118	37.693	1.62	2.0	1.80	90
13C-2,3',4,4',5'-PeCB	123	37.358	1.59	2.0	1.82	91
13C-3,3',4,4',5-PeCB	126	42.069	1.60	2.0	1.80	90
13C-2,2',4,4',6,6'-HxCB	155	32.310	1.24	2.0	1.41	70
13C-HxCB(156/157)	156/157	45.160	1.30	4.0	3.24	81
13C-2,3',4,4',5,5'-HxCB	167	43.969	1.30	2.0	1.72	86
13C-3,3',4,4',5,5'-HxCB	169	48.446	1.25	2.0	1.61	81
13C-2,2',3,4',5,6,6'-HpCB	188	38.230	1.03	2.0	1.71	86
13C-2,3,3',4,4',5,5'-HpCB	189	51.011	1.08	2.0	1.76	88
13C-2,2',3,3',5,5',6,6'-OcCB	202	43.717	0.87	2.0	1.71	86
13C-2,3,3',4,4',5,5',6-OcCB	205	53.597	0.89	2.0	1.73	87
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.343	0.81	2.0	1.69	84
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.494	0.81	2.0	1.75	87
13C-DeCB	209	56.959	0.67	2.0	1.72	86
CleanupStandards						
13C-2,4,4'-TrCB	28	23.238	1.05	2.0	1.49	75
13C-2,3,3',5,5'-PeCB	111	35.327	1.59	2.0	1.57	79
13C-2,2',3,3',5,5',6-HpCB	178	41.348	1.06	2.0	1.70	85
Recovery Standards						
13C-2,5-DiCB	9	15.277	1.59	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.234	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.542	1.61	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.896	1.29	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.123	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	New Lenox Rd Bridge
Lab Sample ID	10689785001
Filename	P240427A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.828	3.22	0.0462	---	0.0231
2		---	---	ND	---	0.0231
3		---	---	ND	---	0.0231
4		12.870	1.53	1.20	---	0.0231
5		---	---	ND	---	0.0231
6		---	---	ND	---	0.0231
7		---	---	ND	---	0.0231
8		16.282	1.39	0.0299 U	---	0.0231
9		---	---	ND	---	0.0231
10		13.085	1.45	0.0457	---	0.0231
11		---	---	ND	---	0.226
12	12/13	---	---	ND	---	0.0462
13	12/13	---	---	ND	---	0.0462
14		---	---	ND	---	0.0231
15		19.875	1.68	0.0673	---	0.0305
16		---	---	ND	---	0.0231
17		19.300	1.01	0.198	---	0.0231
18	18/30	18.814	1.03	0.102	---	0.0462
19		16.636	1.01	1.02	---	0.0231
20	20/28	---	---	ND	---	0.119
21	21/33	---	---	ND	---	0.125
22		---	---	ND	---	0.0877
23		---	---	ND	---	0.0231
24		---	---	ND	---	0.0231
25		22.604	1.08	0.0621	---	0.0231
26	26/29	22.325	1.07	0.0852	---	0.0462
27		19.532	1.03	0.167	---	0.0231
28	20/28	---	---	ND	---	0.119
29	26/29	22.325	1.07	(0.0852)	---	0.0462
30	18/30	18.814	1.03	(0.102)	---	0.0462
31		---	---	ND	---	0.120
32		20.407	1.04	0.173	---	0.0231
33	21/33	---	---	ND	---	0.125
34		---	---	ND	---	0.0231
35		---	---	ND	---	0.0231
36		---	---	ND	---	0.0231
37		---	---	ND	---	0.0489
38		---	---	ND	---	0.0231
39		---	---	ND	---	0.0231
40	40/41/71	27.431	0.77	0.169	---	0.0692
41	40/41/71	27.431	0.77	(0.169)	---	0.0692
42		26.889	0.78	0.0596	---	0.0231
43	43/73	25.420	0.79	0.0528	---	0.0462
44	44/47/65	26.394	0.78	1.54	---	0.0692
45	45/51	23.455	0.78	1.07	---	0.0462
46		23.702	0.76	0.0401	---	0.0231
47	44/47/65	26.394	0.78	(1.54)	---	0.0692
48		---	---	ND	---	0.0231

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	New Lenox Rd Bridge
Lab Sample ID	10689785001
Filename	P240427A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	25.791	0.77	0.910	---	0.0462
50	50/53	22.619	0.77	0.689	---	0.0462
51	45/51	23.455	0.78	(1.07)	---	0.0462
52		25.265	0.79	0.783	---	0.119
53	50/53	22.619	0.77	(0.689)	---	0.0462
54		20.206	0.78	0.292	---	0.0231
55		---	---	ND	---	0.0231
56		---	---	ND	---	0.0231
57		---	---	ND	---	0.0231
58		---	---	ND	---	0.0231
59	59/62/75	---	---	ND	---	0.0692
60		---	---	ND	---	0.0231
61	61/70/74/76	30.376	0.81	0.165	---	0.0923
62	59/62/75	---	---	ND	---	0.0692
63		---	---	ND	---	0.0231
64		27.663	0.75	0.0413	---	0.0231
65	44/47/65	26.394	0.78	(1.54)	---	0.0692
66		30.732	0.80	0.127	---	0.0545
67		---	---	ND	---	0.0231
68		---	---	ND	---	0.0231
69	49/69	25.791	0.77	(0.910)	---	0.0462
70	61/70/74/76	30.376	0.81	(0.165)	---	0.0923
71	40/41/71	27.431	0.77	(0.169)	---	0.0692
72		---	---	ND	---	0.0231
73	43/73	25.420	0.79	(0.0528)	---	0.0462
74	61/70/74/76	30.376	0.81	(0.165)	---	0.0923
75	59/62/75	---	---	ND	---	0.0692
76	61/70/74/76	30.376	0.81	(0.165)	---	0.0923
77		---	---	ND	---	0.0231
78		---	---	ND	---	0.0231
79		---	---	ND	---	0.0231
80		---	---	ND	---	0.0231
81		---	---	ND	---	0.0231
82		34.940	1.53	0.0525	---	0.0231
83		33.037	1.55	0.0477	---	0.0231
84		30.608	1.52	0.159	---	0.0231
85	85/116/117	34.445	1.59	0.142	---	0.0692
86	86/87/97/108/119/125	33.780	1.57	0.560	---	0.138
87	86/87/97/108/119/125	33.780	1.57	(0.560)	---	0.138
88	88/91	30.376	1.53	0.388	---	0.0462
89		---	---	ND	---	0.0231
90	90/101/113	32.558	1.54	1.80	---	0.0692
91	88/91	30.376	1.53	(0.388)	---	0.0462
92		31.955	1.51	0.379	---	0.0231
93	93/98/100/102	29.711	1.52	0.379	---	0.0923
94		29.000	1.55	0.0668	---	0.0231
95		29.448	1.53	1.30	---	0.0646
96		26.688	1.60	0.0395	---	0.0231

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	New Lenox Rd Bridge
Lab Sample ID	10689785001
Filename	P240427A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	33.780	1.57	(0.560)	---	0.138
98	93/98/100/102	29.711	1.52	(0.379)	---	0.0923
99		33.177	1.58	0.542	---	0.0231
100	93/98/100/102	29.711	1.52	(0.379)	---	0.0923
101	90/101/113	32.558	1.54	(1.80)	---	0.0692
102	93/98/100/102	29.711	1.52	(0.379)	---	0.0923
103		28.768	1.55	0.122	---	0.0231
104		26.301	1.46	0.0432	---	0.0231
105		38.934	1.57	0.176	---	0.0231
106		---	---	ND	---	0.0231
107	107/124	---	---	ND	---	0.0462
108	86/87/97/108/119/125	33.780	1.57	(0.560)	---	0.138
109		37.257	1.65	0.0436	---	0.0231
110	110/115	34.615	1.57	1.23	---	0.0462
111		---	---	ND	---	0.0231
112		---	---	ND	---	0.0231
113	90/101/113	32.558	1.54	(1.80)	---	0.0692
114		---	---	ND	---	0.0231
115	110/115	34.615	1.57	(1.23)	---	0.0462
116	85/116/117	34.445	1.59	(0.142)	---	0.0692
117	85/116/117	34.445	1.59	(0.142)	---	0.0692
118		37.727	1.58	0.591	---	0.0360
119	86/87/97/108/119/125	33.780	1.57	(0.560)	---	0.138
120		---	---	ND	---	0.0231
121		---	---	ND	---	0.0231
122		---	---	ND	---	0.0231
123		---	---	ND	---	0.0231
124	107/124	---	---	ND	---	0.0462
125	86/87/97/108/119/125	33.780	1.57	(0.560)	---	0.138
126		---	---	ND	---	0.0231
127		---	---	ND	---	0.0231
128	128/166	42.220	1.24	0.277	---	0.0462
129	129/138/163	40.929	1.24	4.02	---	0.0692
130		40.258	1.19	0.157	---	0.0231
131		37.375	1.36	0.0268	---	0.0231
132		37.827	1.24	1.10	---	0.0231
133		38.347	1.18	0.0797	---	0.0231
134	134/143	36.737	1.24	0.185	---	0.0462
135	135/151	35.559	1.23	2.19	---	0.0462
136		33.068	1.26	0.651	---	0.0231
137		40.477	1.24	0.0515	---	0.0231
138	129/138/163	40.929	1.24	(4.02)	---	0.0692
139	139/140	---	---	ND	---	0.0462
140	139/140	---	---	ND	---	0.0462
141		39.839	1.24	0.980	---	0.0231
142		---	---	ND	---	0.0231
143	134/143	36.737	1.24	(0.185)	---	0.0462
144		36.162	1.22	0.246	---	0.0231

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: New Lenox Rd Bridge
Lab Sample ID: 10689785001
Filename: P240427A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0231
146		39.018	1.24	0.659	---	0.0231
147	147/149	36.536	1.24	4.20	---	0.0462
148		34.971	1.07	0.0246	---	0.0231
149	147/149	36.536	1.24	(4.20)	---	0.0462
150		32.697	1.26	0.0275	---	0.0231
151	135/151	35.559	1.23	(2.19)	---	0.0462
152		---	---	ND	---	0.0231
153	153/168	39.655	1.24	4.23	---	0.0462
154		35.853	1.25	0.101	---	0.0231
155		---	---	ND	---	0.0231
156	156/157	45.160	1.30	0.239	---	0.0462
157	156/157	45.160	1.30	(0.239)	---	0.0462
158		41.332	1.24	0.318	---	0.0231
159		43.215	1.29	0.0255	---	0.0231
160		---	---	ND	---	0.0231
161		---	---	ND	---	0.0231
162		---	---	ND	---	0.0231
163	129/138/163	40.929	1.24	(4.02)	---	0.0692
164		40.611	1.25	0.284	---	0.0231
165		---	---	ND	---	0.0231
166	128/166	42.220	1.24	(0.277)	---	0.0462
167		44.002	1.27	0.109	---	0.0231
168	153/168	39.655	1.24	(4.23)	---	0.0462
169		---	---	ND	---	0.0231
170		47.859	1.04	1.61	---	0.0231
171	171/173	44.271	1.02	0.527	---	0.0462
172		45.914	1.01	0.309	---	0.0231
173	171/173	44.271	1.02	(0.527)	---	0.0462
174		43.164	1.03	1.93	---	0.0231
175		42.036	1.07	0.0813	---	0.0231
176		39.504	1.04	0.259	---	0.0231
177		43.617	1.03	1.13	---	0.0231
178		41.382	1.01	0.460	---	0.0231
179		38.599	1.05	0.929	---	0.0231
180	180/193	46.585	1.03	3.94	---	0.0462
181		---	---	ND	---	0.0231
182		42.488	0.91	0.0241	---	0.0231
183	183/185	42.946	1.03	1.33	---	0.0462
184		---	---	ND	---	0.0231
185	183/185	42.946	1.03	(1.33)	---	0.0462
186		---	---	ND	---	0.0231
187		42.304	1.05	2.35	---	0.0231
188		---	---	ND	---	0.0231
189		51.011	1.08	0.0622	---	0.0231
190		48.412	1.02	0.373	---	0.0231
191		46.937	1.09	0.0693	---	0.0231
192		---	---	ND	---	0.0231

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	New Lenox Rd Bridge
Lab Sample ID	10689785001
Filename	P240427A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.585	1.03	(3.94)	---	0.0462
194		53.145	0.89	0.827	---	0.0231
195		50.774	0.92	0.378	---	0.0231
196		49.234	0.90	0.460	---	0.0231
197	197/200	45.713	0.90	0.163	---	0.0462
198	198/199	48.563	0.87	0.941	---	0.0462
199	198/199	48.563	0.87	(0.941)	---	0.0462
200	197/200	45.713	0.90	(0.163)	---	0.0462
201		44.690	0.89	0.121	---	0.0231
202		43.751	0.89	0.183	---	0.0231
203		49.435	0.89	0.569	---	0.0231
204		---	---	ND	---	0.0231
205		53.619	0.92	0.0506	---	0.0231
206		55.365	0.77	0.216	---	0.0231
207		51.485	0.79	0.0284	---	0.0231
208		50.537	0.78	0.0440	---	0.0231
209		---	---	ND	---	0.0231

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	New Lenox Rd Bridge
Lab Sample ID	10689785001
Filename	P240427A_08

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0462
Total Dichloro Biphenyls	1.34
Total Trichloro Biphenyls	1.81
Total Tetrachloro Biphenyls	5.93
Total Pentachloro Biphenyls	8.06
Total Hexachloro Biphenyls	20.2
Total Heptachloro Biphenyls	15.4
Total Octachloro Biphenyls	3.69
Total Nonachloro Biphenyls	0.289
DecachloroBiphenyls	ND
Total PCBs	56.7

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	HR-D1		
Lab Sample ID	10689785002		
Filename	P240427A_09		
Injected By	CVS		
Total Amount Extracted	1640 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/11/2024
ICAL ID	P240427A02	Received	04/18/2024 08:50
CCal Filename(s)	P240427A_01	Extracted	04/23/2024 14:15
Method Blank ID	BLANK-112565	Analyzed	04/27/2024 11:20

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.828	3.04	2.0	1.10	55
13C-4-MoCB	3	12.554	3.05	2.0	1.39	69
13C-2,2'-DiCB	4	12.848	1.54	2.0	1.29	64
13C-4,4'-DiCB	15	19.842	1.57	2.0	1.85	92
13C-2,2',6-TrCB	19	16.603	1.06	2.0	1.44	72
13C-3,4,4'-TrCB	37	27.569	1.08	2.0	1.74	87
13C-2,2',6,6'-TeCB	54	20.175	0.79	2.0	1.25	63
13C-3,4,4',5-TeCB	81	34.692	0.79	2.0	2.01	101
13C-3,3',4,4'-TeCB	77	35.280	0.78	2.0	2.02	101
13C-2,2',4,6,6'-PeCB	104	26.254	1.60	2.0	1.32	66
13C-2,3,3',4,4'-PeCB	105	38.900	1.61	2.0	1.78	89
13C-2,3,4,4',5-PeCB	114	38.229	1.63	2.0	1.80	90
13C-2,3',4,4',5-PeCB	118	37.676	1.59	2.0	1.83	91
13C-2,3',4,4',5'-PeCB	123	37.340	1.59	2.0	1.83	91
13C-3,3',4,4',5-PeCB	126	42.052	1.60	2.0	1.79	90
13C-2,2',4,4',6,6'-HxCB	155	32.294	1.25	2.0	1.42	71
13C-HxCB(156/157)	156/157	45.142	1.29	4.0	3.20	80
13C-2,3',4,4',5,5'-HxCB	167	43.952	1.32	2.0	1.66	83
13C-3,3',4,4',5,5'-HxCB	169	48.429	1.30	2.0	1.61	81
13C-2,2',3,4',5,6,6'-HpCB	188	38.213	1.02	2.0	1.67	84
13C-2,3,3',4,4',5,5'-HpCB	189	50.989	1.08	2.0	1.77	88
13C-2,2',3,3',5,5',6,6'-OcCB	202	43.700	0.90	2.0	1.67	83
13C-2,3,3',4,4',5,5',6-OcCB	205	53.576	0.90	2.0	1.71	86
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.321	0.82	2.0	1.67	84
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.494	0.79	2.0	1.74	87
13C-DeCB	209	56.938	0.69	2.0	1.68	84
CleanupStandards						
13C-2,4,4'-TrCB	28	23.238	1.06	2.0	1.52	76
13C-2,3,3',5,5'-PeCB	111	35.311	1.56	2.0	1.55	77
13C-2,2',3,3',5,5',6-HpCB	178	41.331	1.04	2.0	1.58	79
Recovery Standards						
13C-2,5-DiCB	9	15.266	1.59	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.218	0.82	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.526	1.58	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.879	1.29	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.101	0.89	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-D1
Lab Sample ID	10689785002
Filename	P240427A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.840	3.14	0.0629	---	0.0243
2		---	---	ND	---	0.0243
3		---	---	ND	---	0.0243
4		12.870	1.56	1.47	---	0.0243
5		---	---	ND	---	0.0243
6		15.763	1.68	0.0311	---	0.0243
7		---	---	ND	---	0.0243
8		16.283	1.54	0.0431 U	---	0.0243
9		---	---	ND	---	0.0243
10		13.097	1.66	0.0530	---	0.0243
11		---	---	ND	---	0.239
12	12/13	---	---	ND	---	0.0487
13	12/13	---	---	ND	---	0.0487
14		---	---	ND	---	0.0243
15		19.864	1.43	0.0824	---	0.0321
16		---	---	ND	---	0.0243
17		19.289	1.03	0.218	---	0.0243
18	18/30	18.803	1.06	0.138	---	0.0487
19		16.625	1.06	1.07	---	0.0243
20	20/28	23.253	1.04	0.146	---	0.126
21	21/33	---	---	ND	---	0.131
22		---	---	ND	---	0.0925
23		---	---	ND	---	0.0243
24		---	---	ND	---	0.0243
25		22.588	1.03	0.0914	---	0.0243
26	26/29	22.310	1.08	0.105	---	0.0487
27		19.521	1.07	0.172	---	0.0243
28	20/28	23.253	1.04	(0.146)	---	0.126
29	26/29	22.310	1.08	(0.105)	---	0.0487
30	18/30	18.803	1.06	(0.138)	---	0.0487
31		---	---	ND	---	0.127
32		20.407	1.05	0.274	---	0.0243
33	21/33	---	---	ND	---	0.131
34		---	---	ND	---	0.0243
35		---	---	ND	---	0.0243
36		---	---	ND	---	0.0243
37		---	---	ND	---	0.0516
38		---	---	ND	---	0.0243
39		---	---	ND	---	0.0243
40	40/41/71	27.414	0.78	0.295	---	0.0730
41	40/41/71	27.414	0.78	(0.295)	---	0.0730
42		26.889	0.78	0.101	---	0.0243
43	43/73	25.404	0.77	0.0700	---	0.0487
44	44/47/65	26.378	0.77	2.20	---	0.0730
45	45/51	23.439	0.78	1.46	---	0.0487
46		23.687	0.77	0.0679	---	0.0243
47	44/47/65	26.378	0.77	(2.20)	---	0.0730
48		---	---	ND	---	0.0243

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-D1
Lab Sample ID	10689785002
Filename	P240427A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	25.775	0.77	1.26	---	0.0487
50	50/53	22.604	0.79	1.00	---	0.0487
51	45/51	23.439	0.78	(1.46)	---	0.0487
52		25.249	0.79	0.838	---	0.126
53	50/53	22.604	0.79	(1.00)	---	0.0487
54		20.206	0.77	0.357	---	0.0243
55		---	---	ND	---	0.0243
56		---	---	ND	---	0.0243
57		---	---	ND	---	0.0243
58		---	---	ND	---	0.0243
59	59/62/75	---	---	ND	---	0.0730
60		---	---	ND	---	0.0243
61	61/70/74/76	30.360	0.84	0.155	---	0.0974
62	59/62/75	---	---	ND	---	0.0730
63		---	---	ND	---	0.0243
64		27.662	0.80	0.0434	---	0.0243
65	44/47/65	26.378	0.77	(2.20)	---	0.0730
66		30.716	0.81	0.166	---	0.0574
67		---	---	ND	---	0.0243
68		28.860	0.81	0.0342	---	0.0243
69	49/69	25.775	0.77	(1.26)	---	0.0487
70	61/70/74/76	30.360	0.84	(0.155)	---	0.0974
71	40/41/71	27.414	0.78	(0.295)	---	0.0730
72		---	---	ND	---	0.0243
73	43/73	25.404	0.77	(0.0700)	---	0.0487
74	61/70/74/76	30.360	0.84	(0.155)	---	0.0974
75	59/62/75	---	---	ND	---	0.0730
76	61/70/74/76	30.360	0.84	(0.155)	---	0.0974
77		---	---	ND	---	0.0243
78		---	---	ND	---	0.0243
79		---	---	ND	---	0.0243
80		---	---	ND	---	0.0243
81		---	---	ND	---	0.0243
82		34.939	1.44	0.0336	---	0.0243
83		33.021	1.63	0.0405	---	0.0243
84		30.592	1.56	0.132	---	0.0243
85	85/116/117	34.429	1.55	0.114	---	0.0730
86	86/87/97/108/119/125	33.671	1.57	0.438	---	0.146
87	86/87/97/108/119/125	33.671	1.57	(0.438)	---	0.146
88	88/91	30.360	1.56	0.444	---	0.0487
89		---	---	ND	---	0.0243
90	90/101/113	32.541	1.57	1.38	---	0.0730
91	88/91	30.360	1.56	(0.444)	---	0.0487
92		31.923	1.61	0.390	---	0.0243
93	93/98/100/102	29.695	1.53	0.392	---	0.0974
94		28.968	1.55	0.0962	---	0.0243
95		29.448	1.59	1.01	---	0.0682
96		26.657	1.46	0.0544	---	0.0243

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID HR-D1
Lab Sample ID 10689785002
Filename P240427A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	33.671	1.57	(0.438)	---	0.146
98	93/98/100/102	29.695	1.53	(0.392)	---	0.0974
99		33.160	1.59	0.535	---	0.0243
100	93/98/100/102	29.695	1.53	(0.392)	---	0.0974
101	90/101/113	32.541	1.57	(1.38)	---	0.0730
102	93/98/100/102	29.695	1.53	(0.392)	---	0.0974
103		28.751	1.53	0.139	---	0.0243
104		26.285	1.46	0.0406	---	0.0243
105		38.917	1.65	0.0902	---	0.0243
106		---	---	ND	---	0.0243
107	107/124	---	---	ND	---	0.0487
108	86/87/97/108/119/125	33.671	1.57	(0.438)	---	0.146
109		37.257	1.62	0.0406	---	0.0243
110	110/115	34.599	1.57	0.888	---	0.0487
111		---	---	ND	---	0.0243
112		---	---	ND	---	0.0243
113	90/101/113	32.541	1.57	(1.38)	---	0.0730
114		---	---	ND	---	0.0243
115	110/115	34.599	1.57	(0.888)	---	0.0487
116	85/116/117	34.429	1.55	(0.114)	---	0.0730
117	85/116/117	34.429	1.55	(0.114)	---	0.0730
118		37.709	1.59	0.374	---	0.0380
119	86/87/97/108/119/125	33.671	1.57	(0.438)	---	0.146
120		---	---	ND	---	0.0243
121		---	---	ND	---	0.0243
122		---	---	ND	---	0.0243
123		---	---	ND	---	0.0243
124	107/124	---	---	ND	---	0.0487
125	86/87/97/108/119/125	33.671	1.57	(0.438)	---	0.146
126		---	---	ND	---	0.0243
127		---	---	ND	---	0.0243
128	128/166	42.203	1.24	0.153	---	0.0487
129	129/138/163	40.912	1.24	2.30	---	0.0730
130		40.241	1.21	0.110	---	0.0243
131		---	---	ND	---	0.0243
132		37.810	1.25	0.635	---	0.0243
133		38.330	1.20	0.0626	---	0.0243
134	134/143	36.720	1.26	0.114	---	0.0487
135	135/151	35.543	1.23	1.37	---	0.0487
136		33.052	1.22	0.413	---	0.0243
137		40.459	1.20	0.0353	---	0.0243
138	129/138/163	40.912	1.24	(2.30)	---	0.0730
139	139/140	---	---	ND	---	0.0487
140	139/140	---	---	ND	---	0.0487
141		39.822	1.25	0.514	---	0.0243
142		---	---	ND	---	0.0243
143	134/143	36.720	1.26	(0.114)	---	0.0487
144		36.146	1.21	0.133	---	0.0243

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-D1
Lab Sample ID	10689785002
Filename	P240427A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0243
146		39.000	1.23	0.469	---	0.0243
147	147/149	36.519	1.25	2.51	---	0.0487
148		---	---	ND	---	0.0243
149	147/149	36.519	1.25	(2.51)	---	0.0487
150		---	---	ND	---	0.0243
151	135/151	35.543	1.23	(1.37)	---	0.0487
152		---	---	ND	---	0.0243
153	153/168	39.638	1.24	2.50	---	0.0487
154		35.836	1.21	0.0880	---	0.0243
155		---	---	ND	---	0.0243
156	156/157	45.142	1.30	0.116	---	0.0487
157	156/157	45.142	1.30	(0.116)	---	0.0487
158		41.314	1.27	0.161	---	0.0243
159		---	---	ND	---	0.0243
160		---	---	ND	---	0.0243
161		---	---	ND	---	0.0243
162		---	---	ND	---	0.0243
163	129/138/163	40.912	1.24	(2.30)	---	0.0730
164		40.593	1.24	0.169	---	0.0243
165		---	---	ND	---	0.0243
166	128/166	42.203	1.24	(0.153)	---	0.0487
167		43.969	1.28	0.0684	---	0.0243
168	153/168	39.638	1.24	(2.50)	---	0.0487
169		---	---	ND	---	0.0243
170		47.842	1.03	0.830	---	0.0243
171	171/173	44.254	1.02	0.270	---	0.0487
172		45.880	0.96	0.171	---	0.0243
173	171/173	44.254	1.02	(0.270)	---	0.0487
174		43.147	1.03	0.990	---	0.0243
175		42.019	0.96	0.0404	---	0.0243
176		39.504	1.06	0.139	---	0.0243
177		43.600	1.05	0.612	---	0.0243
178		41.365	1.06	0.268	---	0.0243
179		38.581	1.07	0.511	---	0.0243
180	180/193	46.568	1.03	2.02	---	0.0487
181		---	---	ND	---	0.0243
182		---	---	ND	---	0.0243
183	183/185	42.929	1.04	0.693	---	0.0487
184		---	---	ND	---	0.0243
185	183/185	42.929	1.04	(0.693)	---	0.0487
186		---	---	ND	---	0.0243
187		42.287	1.04	1.33	---	0.0243
188		---	---	ND	---	0.0243
189		51.011	1.04	0.0356	---	0.0243
190		48.378	1.03	0.193	---	0.0243
191		46.919	1.06	0.0346	---	0.0243
192		---	---	ND	---	0.0243

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-D1
Lab Sample ID	10689785002
Filename	P240427A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.568	1.03	(2.02)	---	0.0487
194		53.123	0.89	0.463	---	0.0243
195		50.774	0.90	0.206	---	0.0243
196		49.217	0.90	0.253	---	0.0243
197	197/200	45.696	0.88	0.0857	---	0.0487
198	198/199	48.546	0.94	0.523	---	0.0487
199	198/199	48.546	0.94	(0.523)	---	0.0487
200	197/200	45.696	0.88	(0.0857)	---	0.0487
201		44.673	0.99	0.0659	---	0.0243
202		43.734	0.92	0.104	---	0.0243
203		49.418	0.92	0.311	---	0.0243
204		---	---	ND	---	0.0243
205		53.597	0.89	0.0292	---	0.0243
206		55.343	0.80	0.119	---	0.0243
207		---	---	ND	---	0.0243
208		---	---	ND	---	0.0243
209		---	---	ND	---	0.0243

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	HR-D1
Lab Sample ID	10689785002
Filename	P240427A_09

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0629
Total Dichloro Biphenyls	1.68
Total Trichloro Biphenyls	2.22
Total Tetrachloro Biphenyls	8.04
Total Pentachloro Biphenyls	6.63
Total Hexachloro Biphenyls	11.9
Total Heptachloro Biphenyls	8.13
Total Octachloro Biphenyls	2.04
Total Nonachloro Biphenyls	0.119
DecachloroBiphenyls	ND
Total PCBs	40.8

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Pomeroy Avenue Bridge		
Lab Sample ID	10689785003		
Filename	P240427A_10		
Injected By	CVS		
Total Amount Extracted	1710 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/12/2024 16:45
ICAL ID	P240427A02	Received	04/18/2024 08:50
CCal Filename(s)	P240427A_01	Extracted	04/23/2024 14:15
Method Blank ID	BLANK-112565	Analyzed	04/27/2024 12:21

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.817	3.12	2.0	0.953	48
13C-4-MoCB	3	12.542	3.12	2.0	1.27	63
13C-2,2'-DiCB	4	12.848	1.50	2.0	1.17	59
13C-4,4'-DiCB	15	19.842	1.60	2.0	1.66	83
13C-2,2',6-TrCB	19	16.604	1.04	2.0	1.30	65
13C-3,4,4'-TrCB	37	27.571	1.06	2.0	1.57	79
13C-2,2',6,6'-TeCB	54	20.176	0.79	2.0	1.13	57
13C-3,4,4',5-TeCB	81	34.694	0.79	2.0	1.78	89
13C-3,3',4,4'-TeCB	77	35.282	0.79	2.0	1.80	90
13C-2,2',4,6,6'-PeCB	104	26.256	1.56	2.0	1.20	60
13C-2,3,3',4,4'-PeCB	105	38.885	1.59	2.0	1.59	80
13C-2,3,4,4',5-PeCB	114	38.231	1.63	2.0	1.59	80
13C-2,3',4,4',5-PeCB	118	37.678	1.59	2.0	1.62	81
13C-2,3',4,4',5'-PeCB	123	37.343	1.59	2.0	1.60	80
13C-3,3',4,4',5-PeCB	126	42.054	1.62	2.0	1.64	82
13C-2,2',4,4',6,6'-HxCB	155	32.296	1.26	2.0	1.30	65
13C-HxCB(156/157)	156/157	45.145	1.29	4.0	2.91	73
13C-2,3',4,4',5,5'-HxCB	167	43.954	1.31	2.0	1.53	77
13C-3,3',4,4',5,5'-HxCB	169	48.431	1.27	2.0	1.49	74
13C-2,2',3,4',5,6,6'-HpCB	188	38.231	1.02	2.0	1.51	75
13C-2,3,3',4,4',5,5'-HpCB	189	50.992	1.08	2.0	1.61	80
13C-2,2',3,3',5,5',6,6'-OcCB	202	43.702	0.88	2.0	1.49	75
13C-2,3,3',4,4',5,5',6-OcCB	205	53.578	0.88	2.0	1.52	76
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.324	0.81	2.0	1.46	73
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.496	0.81	2.0	1.55	77
13C-DeCB	209	56.940	0.68	2.0	1.56	78
CleanupStandards						
13C-2,4,4'-TrCB	28	23.224	1.05	2.0	1.35	68
13C-2,3,3',5,5'-PeCB	111	35.313	1.57	2.0	1.39	70
13C-2,2',3,3',5,5',6-HpCB	178	41.333	1.12	2.0	1.45	73
Recovery Standards						
13C-2,5-DiCB	9	15.266	1.64	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.219	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.528	1.58	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.881	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.104	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Pomeroy Avenue Bridge
Lab Sample ID	10689785003
Filename	P240427A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.828	3.16	0.0874	---	0.0234
2		---	---	ND	---	0.0234
3		---	---	ND	---	0.0234
4		12.859	1.56	1.02	---	0.0234
5		---	---	ND	---	0.0234
6		15.764	1.36	0.0325	---	0.0234
7		---	---	ND	---	0.0234
8		16.283	1.54	0.0440 U	---	0.0234
9		---	---	ND	---	0.0234
10		13.085	1.50	0.0439	---	0.0234
11		---	---	ND	---	0.229
12	12/13	---	---	ND	---	0.0468
13	12/13	---	---	ND	---	0.0468
14		---	---	ND	---	0.0234
15		19.853	1.77	0.0313	---	0.0309
16		---	---	ND	---	0.0234
17		19.278	1.04	0.0824	---	0.0234
18	18/30	18.803	1.03	0.0804	---	0.0468
19		16.626	1.08	0.291	---	0.0234
20	20/28	---	---	ND	---	0.121
21	21/33	---	---	ND	---	0.126
22		---	---	ND	---	0.0889
23		---	---	ND	---	0.0234
24		---	---	ND	---	0.0234
25		---	---	ND	---	0.0234
26	26/29	---	---	ND	---	0.0468
27		19.522	1.05	0.0764	---	0.0234
28	20/28	---	---	ND	---	0.121
29	26/29	---	---	ND	---	0.0468
30	18/30	18.803	1.03	(0.0804)	---	0.0468
31		---	---	ND	---	0.122
32		20.408	1.08	0.0416	---	0.0234
33	21/33	---	---	ND	---	0.126
34		---	---	ND	---	0.0234
35		---	---	ND	---	0.0234
36		---	---	ND	---	0.0234
37		---	---	ND	---	0.0496
38		---	---	ND	---	0.0234
39		---	---	ND	---	0.0234
40	40/41/71	---	---	ND	---	0.0702
41	40/41/71	---	---	ND	---	0.0702
42		---	---	ND	---	0.0234
43	43/73	---	---	ND	---	0.0468
44	44/47/65	26.380	0.80	0.116	---	0.0702
45	45/51	23.441	0.77	0.0658	---	0.0468
46		---	---	ND	---	0.0234
47	44/47/65	26.380	0.80	(0.116)	---	0.0702
48		---	---	ND	---	0.0234

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Pomeroy Avenue Bridge
Lab Sample ID	10689785003
Filename	P240427A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	25.776	0.78	0.0941	---	0.0468
50	50/53	22.605	0.78	0.0906	---	0.0468
51	45/51	23.441	0.77	(0.0658)	---	0.0468
52		25.250	0.79	0.179	---	0.121
53	50/53	22.605	0.78	(0.0906)	---	0.0468
54		20.176	0.78	0.0263	---	0.0234
55		---	---	ND	---	0.0234
56		---	---	ND	---	0.0234
57		---	---	ND	---	0.0234
58		---	---	ND	---	0.0234
59	59/62/75	---	---	ND	---	0.0702
60		---	---	ND	---	0.0234
61	61/70/74/76	---	---	ND	---	0.0936
62	59/62/75	---	---	ND	---	0.0702
63		---	---	ND	---	0.0234
64		---	---	ND	---	0.0234
65	44/47/65	26.380	0.80	(0.116)	---	0.0702
66		---	---	ND	---	0.0552
67		---	---	ND	---	0.0234
68		---	---	ND	---	0.0234
69	49/69	25.776	0.78	(0.0941)	---	0.0468
70	61/70/74/76	---	---	ND	---	0.0936
71	40/41/71	---	---	ND	---	0.0702
72		---	---	ND	---	0.0234
73	43/73	---	---	ND	---	0.0468
74	61/70/74/76	---	---	ND	---	0.0936
75	59/62/75	---	---	ND	---	0.0702
76	61/70/74/76	---	---	ND	---	0.0936
77		---	---	ND	---	0.0234
78		---	---	ND	---	0.0234
79		---	---	ND	---	0.0234
80		---	---	ND	---	0.0234
81		---	---	ND	---	0.0234
82		---	---	ND	---	0.0234
83		---	---	ND	---	0.0234
84		30.579	1.46	0.0274	---	0.0234
85	85/116/117	---	---	ND	---	0.0702
86	86/87/97/108/119/125	---	---	ND	---	0.140
87	86/87/97/108/119/125	---	---	ND	---	0.140
88	88/91	---	---	ND	---	0.0468
89		---	---	ND	---	0.0234
90	90/101/113	32.543	1.59	0.165 U	---	0.0702
91	88/91	---	---	ND	---	0.0468
92		31.924	1.58	0.0305	---	0.0234
93	93/98/100/102	---	---	ND	---	0.0936
94		---	---	ND	---	0.0234
95		29.434	1.58	0.157 U	---	0.0655
96		---	---	ND	---	0.0234

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Pomeroy Avenue Bridge
Lab Sample ID	10689785003
Filename	P240427A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.140
98	93/98/100/102	---	---	ND	---	0.0936
99		33.162	1.59	0.0525 U	---	0.0234
100	93/98/100/102	---	---	ND	---	0.0936
101	90/101/113	32.543	1.59	(0.165)	---	0.0702
102	93/98/100/102	---	---	ND	---	0.0936
103		---	---	ND	---	0.0234
104		---	---	ND	---	0.0234
105		38.919	1.51	0.0403	---	0.0234
106		---	---	ND	---	0.0234
107	107/124	---	---	ND	---	0.0468
108	86/87/97/108/119/125	---	---	ND	---	0.140
109		---	---	ND	---	0.0234
110	110/115	34.601	1.57	0.144 U	---	0.0468
111		---	---	ND	---	0.0234
112		---	---	ND	---	0.0234
113	90/101/113	32.543	1.59	(0.165)	---	0.0702
114		---	---	ND	---	0.0234
115	110/115	34.601	1.57	(0.144)	---	0.0468
116	85/116/117	---	---	ND	---	0.0702
117	85/116/117	---	---	ND	---	0.0702
118		37.711	1.63	0.0961 U	---	0.0365
119	86/87/97/108/119/125	---	---	ND	---	0.140
120		---	---	ND	---	0.0234
121		---	---	ND	---	0.0234
122		---	---	ND	---	0.0234
123		---	---	ND	---	0.0234
124	107/124	---	---	ND	---	0.0468
125	86/87/97/108/119/125	---	---	ND	---	0.140
126		---	---	ND	---	0.0234
127		---	---	ND	---	0.0234
128	128/166	---	---	ND	---	0.0468
129	129/138/163	40.914	1.29	0.341	---	0.0702
130		---	---	ND	---	0.0234
131		---	---	ND	---	0.0234
132		37.812	1.19	0.0823 U	---	0.0234
133		---	---	ND	---	0.0234
134	134/143	---	---	ND	---	0.0468
135	135/151	35.561	1.24	0.136	---	0.0468
136		33.039	1.21	0.0415	---	0.0234
137		---	---	ND	---	0.0234
138	129/138/163	40.914	1.29	(0.341)	---	0.0702
139	139/140	---	---	ND	---	0.0468
140	139/140	---	---	ND	---	0.0468
141		39.824	1.27	0.0666	---	0.0234
142		---	---	ND	---	0.0234
143	134/143	---	---	ND	---	0.0468
144		---	---	ND	---	0.0234

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Pomeroy Avenue Bridge
Lab Sample ID	10689785003
Filename	P240427A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0234
146		39.002	1.22	0.0524	---	0.0234
147	147/149	36.521	1.22	0.268	---	0.0468
148		---	---	ND	---	0.0234
149	147/149	36.521	1.22	(0.268)	---	0.0468
150		---	---	ND	---	0.0234
151	135/151	35.561	1.24	(0.136)	---	0.0468
152		---	---	ND	---	0.0234
153	153/168	39.623	1.23	0.318	---	0.0468
154		---	---	ND	---	0.0234
155		---	---	ND	---	0.0234
156	156/157	---	---	ND	---	0.0468
157	156/157	---	---	ND	---	0.0468
158		41.317	1.25	0.0269	---	0.0234
159		---	---	ND	---	0.0234
160		---	---	ND	---	0.0234
161		---	---	ND	---	0.0234
162		---	---	ND	---	0.0234
163	129/138/163	40.914	1.29	(0.341)	---	0.0702
164		40.596	1.26	0.0237	---	0.0234
165		---	---	ND	---	0.0234
166	128/166	---	---	ND	---	0.0468
167		---	---	ND	---	0.0234
168	153/168	39.623	1.23	(0.318)	---	0.0468
169		---	---	ND	---	0.0234
170		47.844	1.02	0.117	---	0.0234
171	171/173	---	---	ND	---	0.0468
172		---	---	ND	---	0.0234
173	171/173	---	---	ND	---	0.0468
174		43.166	1.00	0.119	---	0.0234
175		---	---	ND	---	0.0234
176		---	---	ND	---	0.0234
177		43.619	1.03	0.0746	---	0.0234
178		41.367	1.01	0.0289	---	0.0234
179		38.583	1.03	0.0537	---	0.0234
180	180/193	46.570	1.07	0.260	---	0.0468
181		---	---	ND	---	0.0234
182		---	---	ND	---	0.0234
183	183/185	42.931	1.03	0.0849	---	0.0468
184		---	---	ND	---	0.0234
185	183/185	42.931	1.03	(0.0849)	---	0.0468
186		---	---	ND	---	0.0234
187		42.306	1.03	0.149	---	0.0234
188		---	---	ND	---	0.0234
189		---	---	ND	---	0.0234
190		48.397	1.02	0.0247	---	0.0234
191		---	---	ND	---	0.0234
192		---	---	ND	---	0.0234

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Pomeroy Avenue Bridge
Lab Sample ID	10689785003
Filename	P240427A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.570	1.07	(0.260)	---	0.0468
194		53.125	0.88	0.0561	---	0.0234
195		50.776	0.95	0.0250	---	0.0234
196		49.219	0.89	0.0301	---	0.0234
197	197/200	---	---	ND	---	0.0468
198	198/199	48.532	0.90	0.0623	---	0.0468
199	198/199	48.532	0.90	(0.0623)	---	0.0468
200	197/200	---	---	ND	---	0.0468
201		---	---	ND	---	0.0234
202		---	---	ND	---	0.0234
203		49.420	0.94	0.0365	---	0.0234
204		---	---	ND	---	0.0234
205		---	---	ND	---	0.0234
206		---	---	ND	---	0.0234
207		---	---	ND	---	0.0234
208		---	---	ND	---	0.0234
209		---	---	ND	---	0.0234

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Pomeroy Avenue Bridge
Lab Sample ID	10689785003
Filename	P240427A_10

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0874
Total Dichloro Biphenyls	1.17
Total Trichloro Biphenyls	0.572
Total Tetrachloro Biphenyls	0.572
Total Pentachloro Biphenyls	0.713
Total Hexachloro Biphenyls	1.36
Total Heptachloro Biphenyls	0.912
Total Octachloro Biphenyls	0.210
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	5.59

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rising Pond Dam		
Lab Sample ID	10689785004		
Filename	P240427A_11		
Injected By	CVS		
Total Amount Extracted	1750 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/11/2024 13:30
ICAL ID	P240427A02	Received	04/18/2024 08:50
CCal Filename(s)	P240427A_01	Extracted	04/23/2024 14:15
Method Blank ID	BLANK-112565	Analyzed	04/27/2024 13:23

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.828	3.04	2.0	0.992	50
13C-4-MoCB	3	12.542	3.11	2.0	1.38	69
13C-2,2'-DiCB	4	12.847	1.51	2.0	1.26	63
13C-4,4'-DiCB	15	19.831	1.59	2.0	1.85	92
13C-2,2',6-TrCB	19	16.603	1.04	2.0	1.43	72
13C-3,4,4'-TrCB	37	27.555	1.07	2.0	1.74	87
13C-2,2',6,6'-TeCB	54	20.160	0.78	2.0	1.27	63
13C-3,4,4',5-TeCB	81	34.677	0.80	2.0	2.03	101
13C-3,3',4,4'-TeCB	77	35.265	0.80	2.0	2.04	102
13C-2,2',4,6,6'-PeCB	104	26.255	1.56	2.0	1.29	64
13C-2,3,3',4,4'-PeCB	105	38.884	1.61	2.0	1.82	91
13C-2,3,4,4',5-PeCB	114	38.230	1.63	2.0	1.83	92
13C-2,3',4,4',5-PeCB	118	37.677	1.60	2.0	1.85	92
13C-2,3',4,4',5'-PeCB	123	37.341	1.62	2.0	1.85	92
13C-3,3',4,4',5-PeCB	126	42.053	1.60	2.0	1.88	94
13C-2,2',4,4',6,6'-HxCB	155	32.295	1.24	2.0	1.46	73
13C-HxCB(156/157)	156/157	45.126	1.32	4.0	3.33	83
13C-2,3',4,4',5,5'-HxCB	167	43.953	1.31	2.0	1.72	86
13C-3,3',4,4',5,5'-HxCB	169	48.413	1.29	2.0	1.66	83
13C-2,2',3,4',5,6,6'-HpCB	188	38.213	1.08	2.0	1.65	82
13C-2,3,3',4,4',5,5'-HpCB	189	50.969	1.08	2.0	1.80	90
13C-2,2',3,3',5,5',6,6'-OcCB	202	43.701	0.87	2.0	1.68	84
13C-2,3,3',4,4',5,5',6-OcCB	205	53.577	0.90	2.0	1.72	86
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.322	0.80	2.0	1.65	83
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.473	0.82	2.0	1.71	85
13C-DeCB	209	56.917	0.72	2.0	1.69	85
CleanupStandards						
13C-2,4,4'-TrCB	28	23.223	1.06	2.0	1.52	76
13C-2,3,3',5,5'-PeCB	111	35.296	1.59	2.0	1.59	79
13C-2,2',3,3',5,5',6-HpCB	178	41.315	1.04	2.0	1.65	82
Recovery Standards						
13C-2,5-DiCB	9	15.266	1.58	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.203	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.512	1.56	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.862	1.25	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.103	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10689785004
Filename	P240427A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.840	3.17	0.0372	---	0.0229
2		---	---	ND	---	0.0229
3		---	---	ND	---	0.0229
4		12.870	1.58	0.739	---	0.0229
5		---	---	ND	---	0.0229
6		---	---	ND	---	0.0229
7		---	---	ND	---	0.0229
8		16.271	1.48	0.0251 U	---	0.0229
9		---	---	ND	---	0.0229
10		13.085	1.57	0.0277	---	0.0229
11		---	---	ND	---	0.224
12	12/13	---	---	ND	---	0.0458
13	12/13	---	---	ND	---	0.0458
14		---	---	ND	---	0.0229
15		19.853	1.64	0.0463	---	0.0302
16		---	---	ND	---	0.0229
17		19.278	1.07	0.109	---	0.0229
18	18/30	18.792	1.07	0.0746	---	0.0458
19		16.625	1.03	0.532	---	0.0229
20	20/28	---	---	ND	---	0.118
21	21/33	---	---	ND	---	0.124
22		---	---	ND	---	0.0870
23		---	---	ND	---	0.0229
24		---	---	ND	---	0.0229
25		22.573	1.05	0.0488	---	0.0229
26	26/29	22.310	1.05	0.0582	---	0.0458
27		19.510	1.02	0.0904	---	0.0229
28	20/28	---	---	ND	---	0.118
29	26/29	22.310	1.05	(0.0582)	---	0.0458
30	18/30	18.792	1.07	(0.0746)	---	0.0458
31		---	---	ND	---	0.119
32		20.392	1.05	0.127	---	0.0229
33	21/33	---	---	ND	---	0.124
34		---	---	ND	---	0.0229
35		---	---	ND	---	0.0229
36		---	---	ND	---	0.0229
37		---	---	ND	---	0.0485
38		---	---	ND	---	0.0229
39		---	---	ND	---	0.0229
40	40/41/71	27.415	0.80	0.165	---	0.0687
41	40/41/71	27.415	0.80	(0.165)	---	0.0687
42		26.874	0.81	0.0573	---	0.0229
43	43/73	---	---	ND	---	0.0458
44	44/47/65	26.364	0.78	1.20	---	0.0687
45	45/51	23.424	0.78	0.679	---	0.0458
46		23.671	0.81	0.0373	---	0.0229
47	44/47/65	26.364	0.78	(1.20)	---	0.0687
48		---	---	ND	---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10689785004
Filename	P240427A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	25.760	0.77	0.676	---	0.0458
50	50/53	22.604	0.78	0.518	---	0.0458
51	45/51	23.424	0.78	(0.679)	---	0.0458
52		25.234	0.77	0.476	---	0.118
53	50/53	22.604	0.78	(0.518)	---	0.0458
54		20.191	0.78	0.168	---	0.0229
55		---	---	ND	---	0.0229
56		---	---	ND	---	0.0229
57		---	---	ND	---	0.0229
58		---	---	ND	---	0.0229
59	59/62/75	---	---	ND	---	0.0687
60		---	---	ND	---	0.0229
61	61/70/74/76	30.346	0.80	0.0993	---	0.0916
62	59/62/75	---	---	ND	---	0.0687
63		---	---	ND	---	0.0229
64		27.647	0.78	0.0273	---	0.0229
65	44/47/65	26.364	0.78	(1.20)	---	0.0687
66		30.701	0.81	0.108	---	0.0540
67		---	---	ND	---	0.0229
68		---	---	ND	---	0.0229
69	49/69	25.760	0.77	(0.676)	---	0.0458
70	61/70/74/76	30.346	0.80	(0.0993)	---	0.0916
71	40/41/71	27.415	0.80	(0.165)	---	0.0687
72		---	---	ND	---	0.0229
73	43/73	---	---	ND	---	0.0458
74	61/70/74/76	30.346	0.80	(0.0993)	---	0.0916
75	59/62/75	---	---	ND	---	0.0687
76	61/70/74/76	30.346	0.80	(0.0993)	---	0.0916
77		---	---	ND	---	0.0229
78		---	---	ND	---	0.0229
79		---	---	ND	---	0.0229
80		---	---	ND	---	0.0229
81		---	---	ND	---	0.0229
82		34.909	1.64	0.0240	---	0.0229
83		33.007	1.56	0.0249	---	0.0229
84		30.578	1.57	0.0814	---	0.0229
85	85/116/117	34.414	1.48	0.0805	---	0.0687
86	86/87/97/108/119/125	33.672	1.49	0.288	---	0.137
87	86/87/97/108/119/125	33.672	1.49	(0.288)	---	0.137
88	88/91	30.346	1.58	0.264	---	0.0458
89		---	---	ND	---	0.0229
90	90/101/113	32.527	1.58	0.885	---	0.0687
91	88/91	30.346	1.58	(0.264)	---	0.0458
92		31.924	1.55	0.252	---	0.0229
93	93/98/100/102	29.680	1.52	0.214	---	0.0916
94		28.969	1.61	0.0527	---	0.0229
95		29.433	1.53	0.626	---	0.0641
96		26.642	1.63	0.0273	---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rising Pond Dam
Lab Sample ID 10689785004
Filename P240427A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	33.672	1.49	(0.288)	---	0.137
98	93/98/100/102	29.680	1.52	(0.214)	---	0.0916
99		33.146	1.53	0.365	---	0.0229
100	93/98/100/102	29.680	1.52	(0.214)	---	0.0916
101	90/101/113	32.527	1.58	(0.885)	---	0.0687
102	93/98/100/102	29.680	1.52	(0.214)	---	0.0916
103		28.737	1.54	0.0766	---	0.0229
104		---	---	ND	---	0.0229
105		38.901	1.58	0.0703	---	0.0229
106		---	---	ND	---	0.0229
107	107/124	---	---	ND	---	0.0458
108	86/87/97/108/119/125	33.672	1.49	(0.288)	---	0.137
109		37.241	1.62	0.0306	---	0.0229
110	110/115	34.584	1.54	0.618	---	0.0458
111		---	---	ND	---	0.0229
112		---	---	ND	---	0.0229
113	90/101/113	32.527	1.58	(0.885)	---	0.0687
114		---	---	ND	---	0.0229
115	110/115	34.584	1.54	(0.618)	---	0.0458
116	85/116/117	34.414	1.48	(0.0805)	---	0.0687
117	85/116/117	34.414	1.48	(0.0805)	---	0.0687
118		37.694	1.61	0.276	---	0.0357
119	86/87/97/108/119/125	33.672	1.49	(0.288)	---	0.137
120		---	---	ND	---	0.0229
121		---	---	ND	---	0.0229
122		---	---	ND	---	0.0229
123		---	---	ND	---	0.0229
124	107/124	---	---	ND	---	0.0458
125	86/87/97/108/119/125	33.672	1.49	(0.288)	---	0.137
126		---	---	ND	---	0.0229
127		---	---	ND	---	0.0229
128	128/166	42.187	1.24	0.113	---	0.0458
129	129/138/163	40.896	1.25	1.75	---	0.0687
130		40.242	1.23	0.0886	---	0.0229
131		---	---	ND	---	0.0229
132		37.794	1.21	0.450	---	0.0229
133		38.314	1.28	0.0448	---	0.0229
134	134/143	36.721	1.32	0.0840	---	0.0458
135	135/151	35.528	1.25	0.947	---	0.0458
136		33.037	1.25	0.268	---	0.0229
137		40.460	1.15	0.0239	---	0.0229
138	129/138/163	40.896	1.25	(1.75)	---	0.0687
139	139/140	---	---	ND	---	0.0458
140	139/140	---	---	ND	---	0.0458
141		39.823	1.26	0.364	---	0.0229
142		---	---	ND	---	0.0229
143	134/143	36.721	1.32	(0.0840)	---	0.0458
144		36.132	1.25	0.0863	---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10689785004
Filename	P240427A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0229
146		38.985	1.25	0.346	---	0.0229
147	147/149	36.503	1.24	1.75	---	0.0458
148		---	---	ND	---	0.0229
149	147/149	36.503	1.24	(1.75)	---	0.0458
150		---	---	ND	---	0.0229
151	135/151	35.528	1.25	(0.947)	---	0.0458
152		---	---	ND	---	0.0229
153	153/168	39.622	1.23	1.87	---	0.0458
154		35.822	1.28	0.0584	---	0.0229
155		---	---	ND	---	0.0229
156	156/157	45.126	1.26	0.0901	---	0.0458
157	156/157	45.126	1.26	(0.0901)	---	0.0458
158		41.299	1.25	0.117	---	0.0229
159		---	---	ND	---	0.0229
160		---	---	ND	---	0.0229
161		---	---	ND	---	0.0229
162		---	---	ND	---	0.0229
163	129/138/163	40.896	1.25	(1.75)	---	0.0687
164		40.577	1.25	0.129	---	0.0229
165		---	---	ND	---	0.0229
166	128/166	42.187	1.24	(0.113)	---	0.0458
167		43.970	1.28	0.0533	---	0.0229
168	153/168	39.622	1.23	(1.87)	---	0.0458
169		---	---	ND	---	0.0229
170		47.826	1.04	0.637	---	0.0229
171	171/173	44.238	1.05	0.202	---	0.0458
172		45.881	1.10	0.131	---	0.0229
173	171/173	44.238	1.05	(0.202)	---	0.0458
174		43.148	1.03	0.750	---	0.0229
175		42.003	1.01	0.0295	---	0.0229
176		39.471	1.03	0.0956	---	0.0229
177		43.601	1.04	0.465	---	0.0229
178		41.349	1.06	0.195	---	0.0229
179		38.565	1.05	0.370	---	0.0229
180	180/193	46.552	1.05	1.54	---	0.0458
181		---	---	ND	---	0.0229
182		---	---	ND	---	0.0229
183	183/185	42.913	1.04	0.490	---	0.0458
184		---	---	ND	---	0.0229
185	183/185	42.913	1.04	(0.490)	---	0.0458
186		---	---	ND	---	0.0229
187		42.288	1.03	0.973	---	0.0229
188		---	---	ND	---	0.0229
189		50.990	1.00	0.0257	---	0.0229
190		48.380	1.05	0.148	---	0.0229
191		46.921	0.93	0.0240	---	0.0229
192		---	---	ND	---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10689785004
Filename	P240427A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.552	1.05	(1.54)	---	0.0458
194		53.103	0.89	0.332	---	0.0229
195		50.753	0.87	0.154	---	0.0229
196		49.201	0.91	0.175	---	0.0229
197	197/200	45.697	0.91	0.0604	---	0.0458
198	198/199	48.530	0.89	0.382	---	0.0458
199	198/199	48.530	0.89	(0.382)	---	0.0458
200	197/200	45.697	0.91	(0.0604)	---	0.0458
201		44.657	0.92	0.0451	---	0.0229
202		43.718	0.92	0.0744	---	0.0229
203		49.402	0.88	0.221	---	0.0229
204		---	---	ND	---	0.0229
205		---	---	ND	---	0.0229
206		55.344	0.80	0.0841	---	0.0229
207		---	---	ND	---	0.0229
208		---	---	ND	---	0.0229
209		---	---	ND	---	0.0229

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10689785004
Filename	P240427A_11

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0372
Total Dichloro Biphenyls	0.839
Total Trichloro Biphenyls	1.04
Total Tetrachloro Biphenyls	4.21
Total Pentachloro Biphenyls	4.26
Total Hexachloro Biphenyls	8.64
Total Heptachloro Biphenyls	6.08
Total Octachloro Biphenyls	1.44
Total Nonachloro Biphenyls	0.0841
DecachloroBiphenyls	ND
Total PCBs	26.6

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rising Pond Dam (Dup)		
Lab Sample ID	10689785005		
Filename	P240427A_12		
Injected By	CVS		
Total Amount Extracted	1690 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/11/2024 13:30
ICAL ID	P240427A02	Received	04/18/2024 08:50
CCal Filename(s)	P240427A_01	Extracted	04/23/2024 14:15
Method Blank ID	BLANK-112565	Analyzed	04/27/2024 14:24

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.840	3.11	2.0	0.978	49
13C-4-MoCB	3	12.554	3.08	2.0	1.31	65
13C-2,2'-DiCB	4	12.859	1.54	2.0	1.21	60
13C-4,4'-DiCB	15	19.831	1.60	2.0	1.75	88
13C-2,2',6-TrCB	19	16.604	1.05	2.0	1.35	67
13C-3,4,4'-TrCB	37	27.555	1.08	2.0	1.60	80
13C-2,2',6,6'-TeCB	54	20.160	0.79	2.0	1.15	57
13C-3,4,4',5-TeCB	81	34.694	0.79	2.0	1.84	92
13C-3,3',4,4'-TeCB	77	35.266	0.80	2.0	1.86	93
13C-2,2',4,6,6'-PeCB	104	26.240	1.54	2.0	1.21	61
13C-2,3,3',4,4'-PeCB	105	38.885	1.59	2.0	1.68	84
13C-2,3,4,4',5-PeCB	114	38.231	1.63	2.0	1.66	83
13C-2,3',4,4',5-PeCB	118	37.678	1.61	2.0	1.69	84
13C-2,3',4,4',5'-PeCB	123	37.343	1.58	2.0	1.68	84
13C-3,3',4,4',5-PeCB	126	42.054	1.63	2.0	1.71	86
13C-2,2',4,4',6,6'-HxCB	155	32.296	1.23	2.0	1.31	66
13C-HxCB(156/157)	156/157	45.128	1.30	4.0	3.03	76
13C-2,3',4,4',5,5'-HxCB	167	43.954	1.29	2.0	1.56	78
13C-3,3',4,4',5,5'-HxCB	169	48.414	1.31	2.0	1.52	76
13C-2,2',3,4',5,6,6'-HpCB	188	38.215	1.01	2.0	1.51	76
13C-2,3,3',4,4',5,5'-HpCB	189	50.970	1.05	2.0	1.62	81
13C-2,2',3,3',5,5',6,6'-OcCB	202	43.702	0.86	2.0	1.49	74
13C-2,3,3',4,4',5,5',6-OcCB	205	53.578	0.87	2.0	1.58	79
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.324	0.80	2.0	1.52	76
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.474	0.77	2.0	1.58	79
13C-DeCB	209	56.919	0.71	2.0	1.56	78
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.224	1.07	2.0	1.35	67
13C-2,3,3',5,5'-PeCB	111	35.313	1.56	2.0	1.43	72
13C-2,2',3,3',5,5',6-HpCB	178	41.317	1.03	2.0	1.46	73
Recovery Standards						
13C-2,5-DiCB	9	15.266	1.60	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.204	0.77	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.513	1.61	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.881	1.30	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.083	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam (Dup)
Lab Sample ID	10689785005
Filename	P240427A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.851	3.29	0.0389	---	0.0237
2		---	---	ND	---	0.0237
3		---	---	ND	---	0.0237
4		12.870	1.52	0.767	---	0.0237
5		---	---	ND	---	0.0237
6		---	---	ND	---	0.0237
7		---	---	ND	---	0.0237
8		16.283	1.57	0.0262	---	0.0237
9		---	---	ND	---	0.0237
10		13.096	1.39	0.0307	---	0.0237
11		---	---	ND	---	0.232
12	12/13	---	---	ND	---	0.0474
13	12/13	---	---	ND	---	0.0474
14		---	---	ND	---	0.0237
15		19.853	1.60	0.0483	---	0.0313
16		---	---	ND	---	0.0237
17		19.278	1.01	0.113	---	0.0237
18	18/30	18.803	1.05	0.0777	---	0.0474
19		16.625	1.07	0.555	---	0.0237
20	20/28	---	---	ND	---	0.122
21	21/33	---	---	ND	---	0.128
22		---	---	ND	---	0.0900
23		---	---	ND	---	0.0237
24		---	---	ND	---	0.0237
25		22.574	1.02	0.0476	---	0.0237
26	26/29	22.311	1.04	0.0569	---	0.0474
27		19.521	1.01	0.0917	---	0.0237
28	20/28	---	---	ND	---	0.122
29	26/29	22.311	1.04	(0.0569)	---	0.0474
30	18/30	18.803	1.05	(0.0777)	---	0.0474
31		---	---	ND	---	0.123
32		20.392	1.07	0.132	---	0.0237
33	21/33	---	---	ND	---	0.128
34		---	---	ND	---	0.0237
35		---	---	ND	---	0.0237
36		---	---	ND	---	0.0237
37		---	---	ND	---	0.0502
38		---	---	ND	---	0.0237
39		---	---	ND	---	0.0237
40	40/41/71	27.416	0.78	0.169	---	0.0710
41	40/41/71	27.416	0.78	(0.169)	---	0.0710
42		26.875	0.76	0.0601	---	0.0237
43	43/73	---	---	ND	---	0.0474
44	44/47/65	26.364	0.79	1.21	---	0.0710
45	45/51	23.425	0.80	0.670	---	0.0474
46		23.688	0.80	0.0374	---	0.0237
47	44/47/65	26.364	0.79	(1.21)	---	0.0710
48		---	---	ND	---	0.0237

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam (Dup)
Lab Sample ID	10689785005
Filename	P240427A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	25.761	0.78	0.688	---	0.0474
50	50/53	22.605	0.78	0.523	---	0.0474
51	45/51	23.425	0.80	(0.670)	---	0.0474
52		25.235	0.78	0.484	---	0.122
53	50/53	22.605	0.78	(0.523)	---	0.0474
54		20.191	0.79	0.177	---	0.0237
55		---	---	ND	---	0.0237
56		---	---	ND	---	0.0237
57		---	---	ND	---	0.0237
58		---	---	ND	---	0.0237
59	59/62/75	---	---	ND	---	0.0710
60		---	---	ND	---	0.0237
61	61/70/74/76	30.347	0.80	0.103	---	0.0947
62	59/62/75	---	---	ND	---	0.0710
63		---	---	ND	---	0.0237
64		27.648	0.79	0.0286	---	0.0237
65	44/47/65	26.364	0.79	(1.21)	---	0.0710
66		30.702	0.81	0.109	---	0.0559
67		---	---	ND	---	0.0237
68		---	---	ND	---	0.0237
69	49/69	25.761	0.78	(0.688)	---	0.0474
70	61/70/74/76	30.347	0.80	(0.103)	---	0.0947
71	40/41/71	27.416	0.78	(0.169)	---	0.0710
72		---	---	ND	---	0.0237
73	43/73	---	---	ND	---	0.0474
74	61/70/74/76	30.347	0.80	(0.103)	---	0.0947
75	59/62/75	---	---	ND	---	0.0710
76	61/70/74/76	30.347	0.80	(0.103)	---	0.0947
77		---	---	ND	---	0.0237
78		---	---	ND	---	0.0237
79		---	---	ND	---	0.0237
80		---	---	ND	---	0.0237
81		---	---	ND	---	0.0237
82		---	---	ND	---	0.0237
83		33.007	1.61	0.0271	---	0.0237
84		30.579	1.48	0.0898	---	0.0237
85	85/116/117	34.431	1.56	0.0846	---	0.0710
86	86/87/97/108/119/125	33.673	1.58	0.302	---	0.142
87	86/87/97/108/119/125	33.673	1.58	(0.302)	---	0.142
88	88/91	30.347	1.52	0.271	---	0.0474
89		---	---	ND	---	0.0237
90	90/101/113	32.543	1.57	0.913	---	0.0710
91	88/91	30.347	1.52	(0.271)	---	0.0474
92		31.924	1.58	0.268	---	0.0237
93	93/98/100/102	29.681	1.52	0.222	---	0.0947
94		28.970	1.62	0.0543	---	0.0237
95		29.434	1.59	0.652	---	0.0663
96		26.658	1.45	0.0279	---	0.0237

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rising Pond Dam (Dup)
Lab Sample ID 10689785005
Filename P240427A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	33.673	1.58	(0.302)	---	0.142
98	93/98/100/102	29.681	1.52	(0.222)	---	0.0947
99		33.147	1.60	0.378	---	0.0237
100	93/98/100/102	29.681	1.52	(0.222)	---	0.0947
101	90/101/113	32.543	1.57	(0.913)	---	0.0710
102	93/98/100/102	29.681	1.52	(0.222)	---	0.0947
103		28.753	1.58	0.0802	---	0.0237
104		---	---	ND	---	0.0237
105		38.902	1.54	0.0710	---	0.0237
106		---	---	ND	---	0.0237
107	107/124	---	---	ND	---	0.0474
108	86/87/97/108/119/125	33.673	1.58	(0.302)	---	0.142
109		37.242	1.59	0.0312	---	0.0237
110	110/115	34.585	1.57	0.647	---	0.0474
111		---	---	ND	---	0.0237
112		---	---	ND	---	0.0237
113	90/101/113	32.543	1.57	(0.913)	---	0.0710
114		---	---	ND	---	0.0237
115	110/115	34.585	1.57	(0.647)	---	0.0474
116	85/116/117	34.431	1.56	(0.0846)	---	0.0710
117	85/116/117	34.431	1.56	(0.0846)	---	0.0710
118		37.695	1.57	0.297	---	0.0369
119	86/87/97/108/119/125	33.673	1.58	(0.302)	---	0.142
120		---	---	ND	---	0.0237
121		---	---	ND	---	0.0237
122		---	---	ND	---	0.0237
123		---	---	ND	---	0.0237
124	107/124	---	---	ND	---	0.0474
125	86/87/97/108/119/125	33.673	1.58	(0.302)	---	0.142
126		---	---	ND	---	0.0237
127		---	---	ND	---	0.0237
128	128/166	42.188	1.27	0.131	---	0.0474
129	129/138/163	40.897	1.24	1.83	---	0.0710
130		40.243	1.25	0.0904	---	0.0237
131		---	---	ND	---	0.0237
132		37.795	1.25	0.475	---	0.0237
133		38.315	1.24	0.0491	---	0.0237
134	134/143	36.705	1.23	0.0870	---	0.0474
135	135/151	35.529	1.24	0.965	---	0.0474
136		33.039	1.23	0.278	---	0.0237
137		40.461	1.18	0.0247	---	0.0237
138	129/138/163	40.897	1.24	(1.83)	---	0.0710
139	139/140	---	---	ND	---	0.0474
140	139/140	---	---	ND	---	0.0474
141		39.824	1.21	0.374	---	0.0237
142		---	---	ND	---	0.0237
143	134/143	36.705	1.23	(0.0870)	---	0.0474
144		36.148	1.23	0.0879	---	0.0237

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam (Dup)
Lab Sample ID	10689785005
Filename	P240427A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0237
146		38.986	1.21	0.370	---	0.0237
147	147/149	36.504	1.24	1.86	---	0.0474
148		---	---	ND	---	0.0237
149	147/149	36.504	1.24	(1.86)	---	0.0474
150		---	---	ND	---	0.0237
151	135/151	35.529	1.24	(0.965)	---	0.0474
152		---	---	ND	---	0.0237
153	153/168	39.623	1.24	1.95	---	0.0474
154		35.823	1.21	0.0597	---	0.0237
155		---	---	ND	---	0.0237
156	156/157	45.128	1.28	0.0958	---	0.0474
157	156/157	45.128	1.28	(0.0958)	---	0.0474
158		41.300	1.25	0.128	---	0.0237
159		---	---	ND	---	0.0237
160		---	---	ND	---	0.0237
161		---	---	ND	---	0.0237
162		---	---	ND	---	0.0237
163	129/138/163	40.897	1.24	(1.83)	---	0.0710
164		40.579	1.26	0.139	---	0.0237
165		---	---	ND	---	0.0237
166	128/166	42.188	1.27	(0.131)	---	0.0474
167		43.971	1.26	0.0586	---	0.0237
168	153/168	39.623	1.24	(1.95)	---	0.0474
169		---	---	ND	---	0.0237
170		47.827	1.03	0.674	---	0.0237
171	171/173	44.239	1.04	0.212	---	0.0474
172		45.882	1.05	0.136	---	0.0237
173	171/173	44.239	1.04	(0.212)	---	0.0474
174		43.149	1.02	0.777	---	0.0237
175		42.004	1.05	0.0305	---	0.0237
176		39.489	1.04	0.104	---	0.0237
177		43.602	1.01	0.490	---	0.0237
178		41.350	1.02	0.205	---	0.0237
179		38.567	1.03	0.385	---	0.0237
180	180/193	46.553	1.03	1.59	---	0.0474
181		---	---	ND	---	0.0237
182		---	---	ND	---	0.0237
183	183/185	42.915	1.05	0.524	---	0.0474
184		---	---	ND	---	0.0237
185	183/185	42.915	1.05	(0.524)	---	0.0474
186		---	---	ND	---	0.0237
187		42.289	1.06	1.04	---	0.0237
188		---	---	ND	---	0.0237
189		50.992	1.02	0.0281	---	0.0237
190		48.381	0.99	0.160	---	0.0237
191		46.922	1.00	0.0258	---	0.0237
192		---	---	ND	---	0.0237

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam (Dup)
Lab Sample ID	10689785005
Filename	P240427A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.553	1.03	(1.59)	---	0.0474
194		53.125	0.93	0.345	---	0.0237
195		50.755	0.88	0.160	---	0.0237
196		49.202	0.91	0.182	---	0.0237
197	197/200	45.681	0.87	0.0627	---	0.0474
198	198/199	48.532	0.92	0.404	---	0.0474
199	198/199	48.532	0.92	(0.404)	---	0.0474
200	197/200	45.681	0.87	(0.0627)	---	0.0474
201		44.658	0.93	0.0486	---	0.0237
202		43.719	0.91	0.0783	---	0.0237
203		49.420	0.91	0.236	---	0.0237
204		---	---	ND	---	0.0237
205		---	---	ND	---	0.0237
206		55.346	0.79	0.0866	---	0.0237
207		---	---	ND	---	0.0237
208		---	---	ND	---	0.0237
209		---	---	ND	---	0.0237

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rising Pond Dam (Dup)
Lab Sample ID	10689785005
Filename	P240427A_12

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0389
Total Dichloro Biphenyls	0.872
Total Trichloro Biphenyls	1.07
Total Tetrachloro Biphenyls	4.26
Total Pentachloro Biphenyls	4.42
Total Hexachloro Biphenyls	9.06
Total Heptachloro Biphenyls	6.38
Total Octachloro Biphenyls	1.52
Total Nonachloro Biphenyls	0.0866
DecachloroBiphenyls	ND
Total PCBs	27.7

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Old Pleasant Street Bridge		
Lab Sample ID	10689785006		
Filename	P240427B_04		
Injected By	CVS		
Total Amount Extracted	1700 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/11/2024 15:15
ICAL ID	P240427B02	Received	04/18/2024 08:50
CCal Filename(s)	P240427B_01	Extracted	04/23/2024 14:15
Method Blank ID	BLANK-112565	Analyzed	04/27/2024 19:32

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.840	3.13	2.0	0.949	47
13C-4-MoCB	3	12.542	3.15	2.0	1.33	67
13C-2,2'-DiCB	4	12.836	1.50	2.0	1.24	62
13C-4,4'-DiCB	15	19.819	1.59	2.0	1.96	98
13C-2,2',6-TrCB	19	16.591	1.06	2.0	1.44	72
13C-3,4,4'-TrCB	37	27.544	1.05	2.0	1.80	90
13C-2,2',6,6'-TeCB	54	20.150	0.80	2.0	1.28	64
13C-3,4,4',5-TeCB	81	34.666	0.80	2.0	2.07	104
13C-3,3',4,4'-TeCB	77	35.238	0.79	2.0	2.06	103
13C-2,2',4,6,6'-PeCB	104	26.229	1.55	2.0	1.30	65
13C-2,3,3',4,4'-PeCB	105	38.856	1.60	2.0	1.81	90
13C-2,3,4,4',5-PeCB	114	38.202	1.66	2.0	1.82	91
13C-2,3',4,4',5-PeCB	118	37.648	1.61	2.0	1.82	91
13C-2,3',4,4',5'-PeCB	123	37.313	1.62	2.0	1.84	92
13C-3,3',4,4',5-PeCB	126	42.025	1.62	2.0	1.85	93
13C-2,2',4,4',6,6'-HxCB	155	32.268	1.25	2.0	1.41	71
13C-HxCB(156/157)	156/157	45.098	1.29	4.0	3.33	83
13C-2,3',4,4',5,5'-HxCB	167	43.925	1.28	2.0	1.71	86
13C-3,3',4,4',5,5'-HxCB	169	48.385	1.26	2.0	1.70	85
13C-2,2',3,4',5,6,6'-HpCB	188	38.185	1.02	2.0	1.68	84
13C-2,3,3',4,4',5,5'-HpCB	189	50.953	1.08	2.0	1.79	90
13C-2,2',3,3',5,5',6,6'-OcCB	202	43.673	0.87	2.0	1.66	83
13C-2,3,3',4,4',5,5',6-OcCB	205	53.561	0.90	2.0	1.74	87
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.285	0.79	2.0	1.69	84
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.457	0.79	2.0	1.74	87
13C-DeCB	209	56.901	0.70	2.0	1.75	87
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.197	1.07	2.0	1.52	76
13C-2,3,3',5,5'-PeCB	111	35.285	1.62	2.0	1.57	78
13C-2,2',3,3',5,5',6-HpCB	178	41.304	1.06	2.0	1.60	80
Recovery Standards						
13C-2,5-DiCB	9	15.254	1.59	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.193	0.77	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.485	1.58	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.851	1.29	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.065	0.89	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Old Pleasant Street Bridge
Lab Sample ID	10689785006
Filename	P240427B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.851	3.26	0.0535	---	0.0235
2		---	---	ND	---	0.0235
3		---	---	ND	---	0.0235
4		12.870	1.56	1.26	---	0.0235
5		---	---	ND	---	0.0235
6		15.762	1.46	0.0277	---	0.0235
7		---	---	ND	---	0.0235
8		16.271	1.61	0.0365 U	---	0.0235
9		---	---	ND	---	0.0235
10		13.085	1.65	0.0430	---	0.0235
11		---	---	ND	---	0.231
12	12/13	---	---	ND	---	0.0470
13	12/13	---	---	ND	---	0.0470
14		---	---	ND	---	0.0235
15		19.841	1.47	0.0752	---	0.0311
16		---	---	ND	---	0.0235
17		19.255	1.02	0.192	---	0.0235
18	18/30	18.780	1.06	0.124	---	0.0470
19		16.614	1.05	0.927	---	0.0235
20	20/28	23.228	1.06	0.132	---	0.121
21	21/33	---	---	ND	---	0.127
22		---	---	ND	---	0.0894
23		---	---	ND	---	0.0235
24		---	---	ND	---	0.0235
25		22.563	1.07	0.0763	---	0.0235
26	26/29	22.285	1.06	0.0944	---	0.0470
27		19.498	1.04	0.148	---	0.0235
28	20/28	23.228	1.06	(0.132)	---	0.121
29	26/29	22.285	1.06	(0.0944)	---	0.0470
30	18/30	18.780	1.06	(0.124)	---	0.0470
31		---	---	ND	---	0.122
32		20.382	1.07	0.241	---	0.0235
33	21/33	---	---	ND	---	0.127
34		---	---	ND	---	0.0235
35		---	---	ND	---	0.0235
36		---	---	ND	---	0.0235
37		---	---	ND	---	0.0499
38		---	---	ND	---	0.0235
39		---	---	ND	---	0.0235
40	40/41/71	27.389	0.78	0.260	---	0.0706
41	40/41/71	27.389	0.78	(0.260)	---	0.0706
42		26.864	0.78	0.0887	---	0.0235
43	43/73	25.378	0.76	0.0570	---	0.0470
44	44/47/65	26.353	0.78	1.87	---	0.0706
45	45/51	23.414	0.77	1.21	---	0.0470
46		23.661	0.76	0.0584	---	0.0235
47	44/47/65	26.353	0.78	(1.87)	---	0.0706
48		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Old Pleasant Street Bridge
Lab Sample ID	10689785006
Filename	P240427B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	25.750	0.77	1.08	---	0.0470
50	50/53	22.579	0.77	0.838	---	0.0470
51	45/51	23.414	0.77	(1.21)	---	0.0470
52		25.224	0.78	0.732	---	0.121
53	50/53	22.579	0.77	(0.838)	---	0.0470
54		20.181	0.78	0.303	---	0.0235
55		---	---	ND	---	0.0235
56		---	---	ND	---	0.0235
57		---	---	ND	---	0.0235
58		---	---	ND	---	0.0235
59	59/62/75	---	---	ND	---	0.0706
60		---	---	ND	---	0.0235
61	61/70/74/76	30.319	0.80	0.153	---	0.0941
62	59/62/75	---	---	ND	---	0.0706
63		---	---	ND	---	0.0235
64		27.621	0.78	0.0407	---	0.0235
65	44/47/65	26.353	0.78	(1.87)	---	0.0706
66		30.691	0.81	0.160	---	0.0555
67		---	---	ND	---	0.0235
68		28.834	0.79	0.0308	---	0.0235
69	49/69	25.750	0.77	(1.08)	---	0.0470
70	61/70/74/76	30.319	0.80	(0.153)	---	0.0941
71	40/41/71	27.389	0.78	(0.260)	---	0.0706
72		---	---	ND	---	0.0235
73	43/73	25.378	0.76	(0.0570)	---	0.0470
74	61/70/74/76	30.319	0.80	(0.153)	---	0.0941
75	59/62/75	---	---	ND	---	0.0706
76	61/70/74/76	30.319	0.80	(0.153)	---	0.0941
77		---	---	ND	---	0.0235
78		---	---	ND	---	0.0235
79		---	---	ND	---	0.0235
80		---	---	ND	---	0.0235
81		---	---	ND	---	0.0235
82		34.898	1.42	0.0289	---	0.0235
83		32.980	1.68	0.0324	---	0.0235
84		30.552	1.57	0.121	---	0.0235
85	85/116/117	34.403	1.53	0.112	---	0.0706
86	86/87/97/108/119/125	33.645	1.56	0.400	---	0.141
87	86/87/97/108/119/125	33.645	1.56	(0.400)	---	0.141
88	88/91	30.335	1.53	0.382	---	0.0470
89		---	---	ND	---	0.0235
90	90/101/113	32.516	1.60	1.25	---	0.0706
91	88/91	30.335	1.53	(0.382)	---	0.0470
92		31.897	1.59	0.342	---	0.0235
93	93/98/100/102	29.654	1.57	0.330	---	0.0941
94		28.943	1.59	0.0821	---	0.0235
95		29.407	1.57	0.920	---	0.0659
96		26.632	1.52	0.0451	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Old Pleasant Street Bridge
Lab Sample ID: 10689785006
Filename: P240427B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	33.645	1.56	(0.400)	---	0.141
98	93/98/100/102	29.654	1.57	(0.330)	---	0.0941
99		33.119	1.56	0.508	---	0.0235
100	93/98/100/102	29.654	1.57	(0.330)	---	0.0941
101	90/101/113	32.516	1.60	(1.25)	---	0.0706
102	93/98/100/102	29.654	1.57	(0.330)	---	0.0941
103		28.711	1.54	0.115	---	0.0235
104		26.245	1.66	0.0368	---	0.0235
105		38.889	1.60	0.0914	---	0.0235
106		---	---	ND	---	0.0235
107	107/124	---	---	ND	---	0.0470
108	86/87/97/108/119/125	33.645	1.56	(0.400)	---	0.141
109		37.213	1.48	0.0404	---	0.0235
110	110/115	34.558	1.56	0.809	---	0.0470
111		---	---	ND	---	0.0235
112		---	---	ND	---	0.0235
113	90/101/113	32.516	1.60	(1.25)	---	0.0706
114		---	---	ND	---	0.0235
115	110/115	34.558	1.56	(0.809)	---	0.0470
116	85/116/117	34.403	1.53	(0.112)	---	0.0706
117	85/116/117	34.403	1.53	(0.112)	---	0.0706
118		37.682	1.57	0.377	---	0.0367
119	86/87/97/108/119/125	33.645	1.56	(0.400)	---	0.141
120		---	---	ND	---	0.0235
121		---	---	ND	---	0.0235
122		---	---	ND	---	0.0235
123		---	---	ND	---	0.0235
124	107/124	---	---	ND	---	0.0470
125	86/87/97/108/119/125	33.645	1.56	(0.400)	---	0.141
126		---	---	ND	---	0.0235
127		---	---	ND	---	0.0235
128	128/166	42.176	1.24	0.144	---	0.0470
129	129/138/163	40.884	1.24	2.28	---	0.0706
130		40.214	1.25	0.106	---	0.0235
131		---	---	ND	---	0.0235
132		37.783	1.25	0.625	---	0.0235
133		38.286	1.28	0.0573	---	0.0235
134	134/143	36.693	1.26	0.118	---	0.0470
135	135/151	35.517	1.25	1.24	---	0.0470
136		33.011	1.22	0.364	---	0.0235
137		40.432	1.21	0.0386	---	0.0235
138	129/138/163	40.884	1.24	(2.28)	---	0.0706
139	139/140	---	---	ND	---	0.0470
140	139/140	---	---	ND	---	0.0470
141		39.794	1.25	0.507	---	0.0235
142		---	---	ND	---	0.0235
143	134/143	36.693	1.26	(0.118)	---	0.0470
144		36.120	1.27	0.123	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: Old Pleasant Street Bridge
Lab Sample ID: 10689785006
Filename: P240427B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0235
146		38.956	1.26	0.440	---	0.0235
147	147/149	36.492	1.25	2.46	---	0.0470
148		---	---	ND	---	0.0235
149	147/149	36.492	1.25	(2.46)	---	0.0470
150		---	---	ND	---	0.0235
151	135/151	35.517	1.25	(1.24)	---	0.0470
152		---	---	ND	---	0.0235
153	153/168	39.593	1.24	2.49	---	0.0470
154		35.795	1.28	0.0743	---	0.0235
155		---	---	ND	---	0.0235
156	156/157	45.098	1.28	0.120	---	0.0470
157	156/157	45.098	1.28	(0.120)	---	0.0470
158		41.270	1.24	0.164	---	0.0235
159		---	---	ND	---	0.0235
160		---	---	ND	---	0.0235
161		---	---	ND	---	0.0235
162		---	---	ND	---	0.0235
163	129/138/163	40.884	1.24	(2.28)	---	0.0706
164		40.549	1.23	0.162	---	0.0235
165		---	---	ND	---	0.0235
166	128/166	42.176	1.24	(0.144)	---	0.0470
167		43.942	1.22	0.0669	---	0.0235
168	153/168	39.593	1.24	(2.49)	---	0.0470
169		---	---	ND	---	0.0235
170		47.815	1.04	0.870	---	0.0235
171	171/173	44.210	1.06	0.278	---	0.0470
172		45.870	0.96	0.175	---	0.0235
173	171/173	44.210	1.06	(0.278)	---	0.0470
174		43.120	1.04	0.962	---	0.0235
175		41.974	1.09	0.0382	---	0.0235
176		39.459	1.03	0.131	---	0.0235
177		43.573	1.03	0.626	---	0.0235
178		41.320	1.07	0.250	---	0.0235
179		38.537	1.03	0.492	---	0.0235
180	180/193	46.524	1.03	2.17	---	0.0470
181		---	---	ND	---	0.0235
182		---	---	ND	---	0.0235
183	183/185	42.885	1.03	0.678	---	0.0470
184		---	---	ND	---	0.0235
185	183/185	42.885	1.03	(0.678)	---	0.0470
186		---	---	ND	---	0.0235
187		42.259	1.05	1.28	---	0.0235
188		---	---	ND	---	0.0235
189		50.974	1.04	0.0345	---	0.0235
190		48.351	1.01	0.194	---	0.0235
191		46.893	0.94	0.0396	---	0.0235
192		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Old Pleasant Street Bridge
Lab Sample ID	10689785006
Filename	P240427B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.524	1.03	(2.17)	---	0.0470
194		53.086	0.89	0.463	---	0.0235
195		50.737	0.93	0.209	---	0.0235
196		49.190	0.90	0.243	---	0.0235
197	197/200	45.669	0.94	0.0821	---	0.0470
198	198/199	48.519	0.92	0.510	---	0.0470
199	198/199	48.519	0.92	(0.510)	---	0.0470
200	197/200	45.669	0.94	(0.0821)	---	0.0470
201		44.646	0.83	0.0611	---	0.0235
202		43.690	0.90	0.0984	---	0.0235
203		49.391	0.92	0.299	---	0.0235
204		---	---	ND	---	0.0235
205		53.561	0.83	0.0272	---	0.0235
206		55.306	0.81	0.109	---	0.0235
207		---	---	ND	---	0.0235
208		---	---	ND	---	0.0235
209		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Old Pleasant Street Bridge
Lab Sample ID	10689785006
Filename	P240427B_04

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0535
Total Dichloro Biphenyls	1.44
Total Trichloro Biphenyls	1.93
Total Tetrachloro Biphenyls	6.88
Total Pentachloro Biphenyls	6.02
Total Hexachloro Biphenyls	11.6
Total Heptachloro Biphenyls	8.22
Total Octachloro Biphenyls	1.99
Total Nonachloro Biphenyls	0.109
DecachloroBiphenyls	ND
Total PCBs	38.2

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	HR-EB1		
Lab Sample ID	10689785007		
Filename	P240427B_05		
Injected By	CVS		
Total Amount Extracted	2010 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/09/2024 08:30
ICAL ID	P240427B02	Received	04/18/2024 08:50
CCal Filename(s)	P240427B_01	Extracted	04/23/2024 14:15
Method Blank ID	BLANK-112565	Analyzed	04/27/2024 20:34

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.760	3.07	2.0	1.11	56
13C-4-MoCB	3	12.508	3.11	2.0	1.41	70
13C-2,2'-DiCB	4	12.802	1.55	2.0	1.30	65
13C-4,4'-DiCB	15	19.808	1.59	2.0	1.96	98
13C-2,2',6-TrCB	19	16.569	1.04	2.0	1.50	75
13C-3,4,4'-TrCB	37	27.544	1.07	2.0	1.80	90
13C-2,2',6,6'-TeCB	54	20.135	0.79	2.0	1.22	61
13C-3,4,4',5-TeCB	81	34.666	0.78	2.0	2.09	105
13C-3,3',4,4'-TeCB	77	35.254	0.81	2.0	2.11	106
13C-2,2',4,6,6'-PeCB	104	26.229	1.56	2.0	1.30	65
13C-2,3,3',4,4'-PeCB	105	38.872	1.58	2.0	1.95	98
13C-2,3,4,4',5-PeCB	114	38.218	1.62	2.0	1.88	94
13C-2,3',4,4',5-PeCB	118	37.665	1.58	2.0	1.92	96
13C-2,3',4,4',5'-PeCB	123	37.313	1.57	2.0	1.92	96
13C-3,3',4,4',5-PeCB	126	42.025	1.59	2.0	1.96	98
13C-2,2',4,4',6,6'-HxCB	155	32.284	1.23	2.0	1.46	73
13C-HxCB(156/157)	156/157	45.115	1.29	4.0	3.49	87
13C-2,3',4,4',5,5'-HxCB	167	43.924	1.28	2.0	1.80	90
13C-3,3',4,4',5,5'-HxCB	169	48.401	1.31	2.0	1.77	89
13C-2,2',3,4',5,6,6'-HpCB	188	38.201	1.02	2.0	1.68	84
13C-2,3,3',4,4',5,5'-HpCB	189	50.952	1.07	2.0	1.83	92
13C-2,2',3,3',5,5',6,6'-OcCB	202	43.673	0.89	2.0	1.67	84
13C-2,3,3',4,4',5,5',6-OcCB	205	53.560	0.90	2.0	1.80	90
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.306	0.77	2.0	1.74	87
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.457	0.79	2.0	1.79	89
13C-DeCB	209	56.901	0.70	2.0	1.76	88
CleanupStandards						
13C-2,4,4'-TrCB	28	23.197	1.08	2.0	1.53	77
13C-2,3,3',5,5'-PeCB	111	35.285	1.57	2.0	1.65	82
13C-2,2',3,3',5,5',6-HpCB	178	41.304	1.03	2.0	1.69	85
Recovery Standards						
13C-2,5-DiCB	9	15.221	1.64	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.193	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.500	1.57	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.851	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.064	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-EB1
Lab Sample ID	10689785007
Filename	P240427B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0199
2		---	---	ND	---	0.0199
3		---	---	ND	---	0.0199
4		12.825	1.43	0.0248	---	0.0199
5		---	---	ND	---	0.0199
6		---	---	ND	---	0.0199
7		---	---	ND	---	0.0199
8		16.238	1.33	0.0373	---	0.0199
9		---	---	ND	---	0.0199
10		---	---	ND	---	0.0199
11		---	---	ND	---	0.195
12	12/13	---	---	ND	---	0.0398
13	12/13	---	---	ND	---	0.0398
14		---	---	ND	---	0.0199
15		---	---	ND	---	0.0262
16		---	---	ND	---	0.0199
17		---	---	ND	---	0.0199
18	18/30	---	---	ND	---	0.0398
19		---	---	ND	---	0.0199
20	20/28	---	---	ND	---	0.103
21	21/33	---	---	ND	---	0.107
22		---	---	ND	---	0.0756
23		---	---	ND	---	0.0199
24		---	---	ND	---	0.0199
25		---	---	ND	---	0.0199
26	26/29	---	---	ND	---	0.0398
27		---	---	ND	---	0.0199
28	20/28	---	---	ND	---	0.103
29	26/29	---	---	ND	---	0.0398
30	18/30	---	---	ND	---	0.0398
31		---	---	ND	---	0.103
32		---	---	ND	---	0.0199
33	21/33	---	---	ND	---	0.107
34		---	---	ND	---	0.0199
35		---	---	ND	---	0.0199
36		---	---	ND	---	0.0199
37		---	---	ND	---	0.0422
38		---	---	ND	---	0.0199
39		---	---	ND	---	0.0199
40	40/41/71	---	---	ND	---	0.0596
41	40/41/71	---	---	ND	---	0.0596
42		---	---	ND	---	0.0199
43	43/73	---	---	ND	---	0.0398
44	44/47/65	---	---	ND	---	0.0596
45	45/51	---	---	ND	---	0.0398
46		---	---	ND	---	0.0199
47	44/47/65	---	---	ND	---	0.0596
48		---	---	ND	---	0.0199

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	HR-EB1
Lab Sample ID	10689785007
Filename	P240427B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	---	---	ND	---	0.0398
50	50/53	---	---	ND	---	0.0398
51	45/51	---	---	ND	---	0.0398
52		---	---	ND	---	0.103
53	50/53	---	---	ND	---	0.0398
54		---	---	ND	---	0.0199
55		---	---	ND	---	0.0199
56		---	---	ND	---	0.0199
57		---	---	ND	---	0.0199
58		---	---	ND	---	0.0199
59	59/62/75	---	---	ND	---	0.0596
60		---	---	ND	---	0.0199
61	61/70/74/76	---	---	ND	---	0.0795
62	59/62/75	---	---	ND	---	0.0596
63		---	---	ND	---	0.0199
64		---	---	ND	---	0.0199
65	44/47/65	---	---	ND	---	0.0596
66		---	---	ND	---	0.0469
67		---	---	ND	---	0.0199
68		---	---	ND	---	0.0199
69	49/69	---	---	ND	---	0.0398
70	61/70/74/76	---	---	ND	---	0.0795
71	40/41/71	---	---	ND	---	0.0596
72		---	---	ND	---	0.0199
73	43/73	---	---	ND	---	0.0398
74	61/70/74/76	---	---	ND	---	0.0795
75	59/62/75	---	---	ND	---	0.0596
76	61/70/74/76	---	---	ND	---	0.0795
77		---	---	ND	---	0.0199
78		---	---	ND	---	0.0199
79		---	---	ND	---	0.0199
80		---	---	ND	---	0.0199
81		---	---	ND	---	0.0199
82		---	---	ND	---	0.0199
83		---	---	ND	---	0.0199
84		---	---	ND	---	0.0199
85	85/116/117	---	---	ND	---	0.0596
86	86/87/97/108/119/125	---	---	ND	---	0.119
87	86/87/97/108/119/125	---	---	ND	---	0.119
88	88/91	---	---	ND	---	0.0398
89		---	---	ND	---	0.0199
90	90/101/113	32.531	1.48	0.0600	---	0.0596
91	88/91	---	---	ND	---	0.0398
92		---	---	ND	---	0.0199
93	93/98/100/102	---	---	ND	---	0.0795
94		---	---	ND	---	0.0199
95		29.422	1.61	0.0603	---	0.0557
96		---	---	ND	---	0.0199

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-EB1
Lab Sample ID	10689785007
Filename	P240427B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.119
98	93/98/100/102	---	---	ND	---	0.0795
99		33.134	1.55	0.0230	---	0.0199
100	93/98/100/102	---	---	ND	---	0.0795
101	90/101/113	32.531	1.48	(0.0600)	---	0.0596
102	93/98/100/102	---	---	ND	---	0.0795
103		---	---	ND	---	0.0199
104		---	---	ND	---	0.0199
105		---	---	ND	---	0.0199
106		---	---	ND	---	0.0199
107	107/124	---	---	ND	---	0.0398
108	86/87/97/108/119/125	---	---	ND	---	0.119
109		---	---	ND	---	0.0199
110	110/115	34.573	1.51	0.0627	---	0.0398
111		---	---	ND	---	0.0199
112		---	---	ND	---	0.0199
113	90/101/113	32.531	1.48	(0.0600)	---	0.0596
114		---	---	ND	---	0.0199
115	110/115	34.573	1.51	(0.0627)	---	0.0398
116	85/116/117	---	---	ND	---	0.0596
117	85/116/117	---	---	ND	---	0.0596
118		37.682	1.60	0.0375	---	0.0310
119	86/87/97/108/119/125	---	---	ND	---	0.119
120		---	---	ND	---	0.0199
121		---	---	ND	---	0.0199
122		---	---	ND	---	0.0199
123		---	---	ND	---	0.0199
124	107/124	---	---	ND	---	0.0398
125	86/87/97/108/119/125	---	---	ND	---	0.119
126		---	---	ND	---	0.0199
127		---	---	ND	---	0.0199
128	128/166	---	---	ND	---	0.0398
129	129/138/163	---	---	ND	---	0.0596
130		---	---	ND	---	0.0199
131		---	---	ND	---	0.0199
132		37.783	1.27	0.0211	---	0.0199
133		---	---	ND	---	0.0199
134	134/143	---	---	ND	---	0.0398
135	135/151	---	---	ND	---	0.0398
136		---	---	ND	---	0.0199
137		---	---	ND	---	0.0199
138	129/138/163	---	---	ND	---	0.0596
139	139/140	---	---	ND	---	0.0398
140	139/140	---	---	ND	---	0.0398
141		---	---	ND	---	0.0199
142		---	---	ND	---	0.0199
143	134/143	---	---	ND	---	0.0398
144		---	---	ND	---	0.0199

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-EB1
Lab Sample ID	10689785007
Filename	P240427B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0199
146		---	---	ND	---	0.0199
147	147/149	36.491	1.19	0.0476	---	0.0398
148		---	---	ND	---	0.0199
149	147/149	36.491	1.19	(0.0476)	---	0.0398
150		---	---	ND	---	0.0199
151	135/151	---	---	ND	---	0.0398
152		---	---	ND	---	0.0199
153	153/168	39.610	1.28	0.0417	---	0.0398
154		---	---	ND	---	0.0199
155		---	---	ND	---	0.0199
156	156/157	---	---	ND	---	0.0398
157	156/157	---	---	ND	---	0.0398
158		---	---	ND	---	0.0199
159		---	---	ND	---	0.0199
160		---	---	ND	---	0.0199
161		---	---	ND	---	0.0199
162		---	---	ND	---	0.0199
163	129/138/163	---	---	ND	---	0.0596
164		---	---	ND	---	0.0199
165		---	---	ND	---	0.0199
166	128/166	---	---	ND	---	0.0398
167		---	---	ND	---	0.0199
168	153/168	39.610	1.28	(0.0417)	---	0.0398
169		---	---	ND	---	0.0199
170		---	---	ND	---	0.0199
171	171/173	---	---	ND	---	0.0398
172		---	---	ND	---	0.0199
173	171/173	---	---	ND	---	0.0398
174		---	---	ND	---	0.0199
175		---	---	ND	---	0.0199
176		---	---	ND	---	0.0199
177		---	---	ND	---	0.0199
178		---	---	ND	---	0.0199
179		---	---	ND	---	0.0199
180	180/193	---	---	ND	---	0.0398
181		---	---	ND	---	0.0199
182		---	---	ND	---	0.0199
183	183/185	---	---	ND	---	0.0398
184		---	---	ND	---	0.0199
185	183/185	---	---	ND	---	0.0398
186		---	---	ND	---	0.0199
187		---	---	ND	---	0.0199
188		---	---	ND	---	0.0199
189		---	---	ND	---	0.0199
190		---	---	ND	---	0.0199
191		---	---	ND	---	0.0199
192		---	---	ND	---	0.0199

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-EB1
Lab Sample ID	10689785007
Filename	P240427B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	---	---	ND	---	0.0398
194		---	---	ND	---	0.0199
195		---	---	ND	---	0.0199
196		---	---	ND	---	0.0199
197	197/200	---	---	ND	---	0.0398
198	198/199	---	---	ND	---	0.0398
199	198/199	---	---	ND	---	0.0398
200	197/200	---	---	ND	---	0.0398
201		---	---	ND	---	0.0199
202		---	---	ND	---	0.0199
203		---	---	ND	---	0.0199
204		---	---	ND	---	0.0199
205		---	---	ND	---	0.0199
206		---	---	ND	---	0.0199
207		---	---	ND	---	0.0199
208		---	---	ND	---	0.0199
209		---	---	ND	---	0.0199

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	HR-EB1
Lab Sample ID	10689785007
Filename	P240427B_05

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.0621
Total Trichloro Biphenyls	ND
Total Tetrachloro Biphenyls	ND
Total Pentachloro Biphenyls	0.243
Total Hexachloro Biphenyls	0.110
Total Heptachloro Biphenyls	ND
Total Octachloro Biphenyls	ND
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	0.416

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Woods Pond Dam		
Lab Sample ID	10689785008		
Filename	P240427B_06		
Injected By	CVS		
Total Amount Extracted	1740 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/11/2024 18:30
ICAL ID	P240427B02	Received	04/18/2024 08:50
CCal Filename(s)	P240427B_01	Extracted	04/23/2024 14:15
Method Blank ID	BLANK-112565	Analyzed	04/27/2024 21:35

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.862	3.04	2.0	1.20	60
13C-4-MoCB	3	12.565	3.17	2.0	1.44	72
13C-2,2'-DiCB	4	12.859	1.52	2.0	1.31	65
13C-4,4'-DiCB	15	19.809	1.60	2.0	1.77	88
13C-2,2',6-TrCB	19	16.592	1.06	2.0	1.48	74
13C-3,4,4'-TrCB	37	27.516	1.06	2.0	1.63	81
13C-2,2',6,6'-TeCB	54	20.136	0.80	2.0	1.31	65
13C-3,4,4',5-TeCB	81	34.654	0.79	2.0	1.79	89
13C-3,3',4,4'-TeCB	77	35.226	0.79	2.0	1.81	90
13C-2,2',4,6,6'-PeCB	104	26.216	1.54	2.0	1.37	68
13C-2,3,3',4,4'-PeCB	105	38.842	1.61	2.0	1.70	85
13C-2,3,4,4',5-PeCB	114	38.188	1.60	2.0	1.63	82
13C-2,3',4,4',5-PeCB	118	37.635	1.58	2.0	1.66	83
13C-2,3',4,4',5'-PeCB	123	37.300	1.56	2.0	1.66	83
13C-3,3',4,4',5-PeCB	126	42.011	1.64	2.0	1.64	82
13C-2,2',4,4',6,6'-HxCB	155	32.256	1.23	2.0	1.55	77
13C-HxCB(156/157)	156/157	45.085	1.26	4.0	2.98	75
13C-2,3',4,4',5,5'-HxCB	167	43.911	1.29	2.0	1.56	78
13C-3,3',4,4',5,5'-HxCB	169	48.371	1.29	2.0	1.47	74
13C-2,2',3,4',5,6,6'-HpCB	188	38.172	1.05	2.0	1.78	89
13C-2,3,3',4,4',5,5'-HpCB	189	50.935	1.08	2.0	1.69	85
13C-2,2',3,3',5,5',6,6'-OcCB	202	43.660	0.92	2.0	1.70	85
13C-2,3,3',4,4',5,5',6-OcCB	205	53.542	0.90	2.0	1.72	86
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.288	0.82	2.0	1.71	85
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.439	0.81	2.0	1.78	89
13C-DeCB	209	56.883	0.70	2.0	1.74	87
Cleanup Standards						
13C-2,4,4'-TrCB	28	23.184	1.07	2.0	1.47	73
13C-2,3,3',5,5'-PeCB	111	35.273	1.55	2.0	1.59	79
13C-2,2',3,3',5,5',6-HpCB	178	41.290	1.05	2.0	1.62	81
Recovery Standards						
13C-2,5-DiCB	9	15.266	1.58	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.180	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.473	1.62	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.838	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.047	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10689785008
Filename	P240427B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.874	3.14	0.0643	---	0.0230
2		---	---	ND	---	0.0230
3		---	---	ND	---	0.0230
4		12.870	1.52	1.56 A	---	0.0336
5		---	---	ND	---	0.0230
6		15.763	1.47	0.0333	---	0.0230
7		---	---	ND	---	0.0230
8		16.272	1.35	0.0438 U	---	0.0230
9		---	---	ND	---	0.0230
10		13.097	1.45	0.0609	---	0.0230
11		---	---	ND	---	0.226
12	12/13	---	---	ND	---	0.0461
13	12/13	---	---	ND	---	0.0461
14		---	---	ND	---	0.0230
15		19.831	1.63	0.0823	---	0.0304
16		19.765	1.09	0.0244	---	0.0230
17		19.256	1.00	0.241	---	0.0230
18	18/30	18.781	0.99	0.145	---	0.0461
19		16.614	1.00	1.10	---	0.0230
20	20/28	23.215	1.06	0.142	---	0.119
21	21/33	---	---	ND	---	0.124
22		---	---	ND	---	0.0875
23		---	---	ND	---	0.0230
24		---	---	ND	---	0.0230
25		22.549	1.06	0.0926	---	0.0230
26	26/29	22.287	1.06	0.106	---	0.0461
27		19.500	1.07	0.185	---	0.0230
28	20/28	23.215	1.06	(0.142)	---	0.119
29	26/29	22.287	1.06	(0.106)	---	0.0461
30	18/30	18.781	0.99	(0.145)	---	0.0461
31		---	---	ND	---	0.120
32		20.368	1.07	0.293	---	0.0230
33	21/33	---	---	ND	---	0.124
34		---	---	ND	---	0.0230
35		---	---	ND	---	0.0230
36		---	---	ND	---	0.0230
37		---	---	ND	---	0.0488
38		---	---	ND	---	0.0230
39		---	---	ND	---	0.0230
40	40/41/71	27.376	0.78	0.311	---	0.0691
41	40/41/71	27.376	0.78	(0.311)	---	0.0691
42		26.835	0.78	0.106	---	0.0230
43	43/73	25.365	0.79	0.0727	---	0.0461
44	44/47/65	26.340	0.78	2.34	---	0.0691
45	45/51	23.400	0.77	1.59	---	0.0461
46		23.648	0.89	0.0699	---	0.0230
47	44/47/65	26.340	0.78	(2.34)	---	0.0691
48		---	---	ND	---	0.0230

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10689785008
Filename	P240427B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	25.736	0.77	1.36	---	0.0461
50	50/53	22.565	0.77	1.11	---	0.0461
51	45/51	23.400	0.77	(1.59)	---	0.0461
52		25.195	0.78	0.897	---	0.119
53	50/53	22.565	0.77	(1.11)	---	0.0461
54		20.167	0.78	0.375	---	0.0230
55		---	---	ND	---	0.0230
56		---	---	ND	---	0.0230
57		---	---	ND	---	0.0230
58		---	---	ND	---	0.0230
59	59/62/75	---	---	ND	---	0.0691
60		---	---	ND	---	0.0230
61	61/70/74/76	30.322	0.80	0.169	---	0.0922
62	59/62/75	---	---	ND	---	0.0691
63		---	---	ND	---	0.0230
64		27.609	0.76	0.0482	---	0.0230
65	44/47/65	26.340	0.78	(2.34)	---	0.0691
66		30.678	0.81	0.174	---	0.0544
67		---	---	ND	---	0.0230
68		28.806	0.89	0.0346	---	0.0230
69	49/69	25.736	0.77	(1.36)	---	0.0461
70	61/70/74/76	30.322	0.80	(0.169)	---	0.0922
71	40/41/71	27.376	0.78	(0.311)	---	0.0691
72		---	---	ND	---	0.0230
73	43/73	25.365	0.79	(0.0727)	---	0.0461
74	61/70/74/76	30.322	0.80	(0.169)	---	0.0922
75	59/62/75	---	---	ND	---	0.0691
76	61/70/74/76	30.322	0.80	(0.169)	---	0.0922
77		---	---	ND	---	0.0230
78		---	---	ND	---	0.0230
79		---	---	ND	---	0.0230
80		---	---	ND	---	0.0230
81		---	---	ND	---	0.0230
82		34.886	1.34	0.0398	---	0.0230
83		32.968	1.46	0.0415	---	0.0230
84		30.539	1.59	0.160	---	0.0230
85	85/116/117	34.375	1.56	0.135	---	0.0691
86	86/87/97/108/119/125	33.633	1.50	0.510	---	0.138
87	86/87/97/108/119/125	33.633	1.50	(0.510)	---	0.138
88	88/91	30.322	1.55	0.509	---	0.0461
89		---	---	ND	---	0.0230
90	90/101/113	32.504	1.56	1.55	---	0.0691
91	88/91	30.322	1.55	(0.509)	---	0.0461
92		31.885	1.53	0.431	---	0.0230
93	93/98/100/102	29.642	1.56	0.450	---	0.0922
94		28.930	1.55	0.108	---	0.0230
95		29.394	1.57	1.18	---	0.0645
96		26.618	1.49	0.0631	---	0.0230

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10689785008
Filename	P240427B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	33.633	1.50	(0.510)	---	0.138
98	93/98/100/102	29.642	1.56	(0.450)	---	0.0922
99		33.122	1.56	0.645	---	0.0230
100	93/98/100/102	29.642	1.56	(0.450)	---	0.0922
101	90/101/113	32.504	1.56	(1.55)	---	0.0691
102	93/98/100/102	29.642	1.56	(0.450)	---	0.0922
103		28.713	1.57	0.154	---	0.0230
104		26.247	1.58	0.0470	---	0.0230
105		38.876	1.51	0.106	---	0.0230
106		---	---	ND	---	0.0230
107	107/124	---	---	ND	---	0.0461
108	86/87/97/108/119/125	33.633	1.50	(0.510)	---	0.138
109		37.199	1.58	0.0468	---	0.0230
110	110/115	34.546	1.56	1.02	---	0.0461
111		---	---	ND	---	0.0230
112		---	---	ND	---	0.0230
113	90/101/113	32.504	1.56	(1.55)	---	0.0691
114		---	---	ND	---	0.0230
115	110/115	34.546	1.56	(1.02)	---	0.0461
116	85/116/117	34.375	1.56	(0.135)	---	0.0691
117	85/116/117	34.375	1.56	(0.135)	---	0.0691
118		37.668	1.58	0.433	---	0.0359
119	86/87/97/108/119/125	33.633	1.50	(0.510)	---	0.138
120		---	---	ND	---	0.0230
121		---	---	ND	---	0.0230
122		---	---	ND	---	0.0230
123		---	---	ND	---	0.0230
124	107/124	---	---	ND	---	0.0461
125	86/87/97/108/119/125	33.633	1.50	(0.510)	---	0.138
126		---	---	ND	---	0.0230
127		---	---	ND	---	0.0230
128	128/166	42.162	1.23	0.198	---	0.0461
129	129/138/163	40.871	1.26	2.81	---	0.0691
130		40.201	1.27	0.127	---	0.0230
131		---	---	ND	---	0.0230
132		37.769	1.22	0.799	---	0.0230
133		38.272	1.22	0.0698	---	0.0230
134	134/143	36.679	1.23	0.148	---	0.0461
135	135/151	35.505	1.24	1.61	---	0.0461
136		32.999	1.21	0.496	---	0.0230
137		40.418	1.22	0.0457	---	0.0230
138	129/138/163	40.871	1.26	(2.81)	---	0.0691
139	139/140	---	---	ND	---	0.0461
140	139/140	---	---	ND	---	0.0461
141		39.781	1.24	0.604	---	0.0230
142		---	---	ND	---	0.0230
143	134/143	36.679	1.23	(0.148)	---	0.0461
144		36.108	1.24	0.159	---	0.0230

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10689785008
Filename	P240427B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0230
146		38.943	1.21	0.542	---	0.0230
147	147/149	36.478	1.24	3.10	---	0.0461
148		34.902	1.23	0.0263	---	0.0230
149	147/149	36.478	1.24	(3.10)	---	0.0461
150		32.643	1.18	0.0300	---	0.0230
151	135/151	35.505	1.24	(1.61)	---	0.0461
152		32.457	1.29	0.0235	---	0.0230
153	153/168	39.580	1.25	3.01	---	0.0461
154		35.783	1.25	0.103	---	0.0230
155		---	---	ND	---	0.0230
156	156/157	45.085	1.30	0.135	---	0.0461
157	156/157	45.085	1.30	(0.135)	---	0.0461
158		41.274	1.21	0.200	---	0.0230
159		43.140	1.34	0.0233	---	0.0230
160		---	---	ND	---	0.0230
161		---	---	ND	---	0.0230
162		---	---	ND	---	0.0230
163	129/138/163	40.871	1.26	(2.81)	---	0.0691
164		40.536	1.24	0.200	---	0.0230
165		---	---	ND	---	0.0230
166	128/166	42.162	1.23	(0.198)	---	0.0461
167		43.945	1.23	0.0790	---	0.0230
168	153/168	39.580	1.25	(3.01)	---	0.0461
169		---	---	ND	---	0.0230
170		47.801	1.04	0.988	---	0.0230
171	171/173	44.213	1.02	0.320	---	0.0461
172		45.840	1.02	0.204	---	0.0230
173	171/173	44.213	1.02	(0.320)	---	0.0461
174		43.106	1.00	1.12	---	0.0230
175		41.978	1.13	0.0517	---	0.0230
176		39.446	1.03	0.159	---	0.0230
177		43.559	1.00	0.709	---	0.0230
178		41.307	1.02	0.305	---	0.0230
179		38.541	1.03	0.613	---	0.0230
180	180/193	46.527	1.03	2.43	---	0.0461
181		---	---	ND	---	0.0230
182		42.431	1.15	0.0236	---	0.0230
183	183/185	42.872	1.01	0.813	---	0.0461
184		---	---	ND	---	0.0230
185	183/185	42.872	1.01	(0.813)	---	0.0461
186		---	---	ND	---	0.0230
187		42.246	1.04	1.64	---	0.0230
188		---	---	ND	---	0.0230
189		50.956	1.00	0.0391	---	0.0230
190		48.338	1.01	0.225	---	0.0230
191		46.896	1.05	0.0410	---	0.0230
192		---	---	ND	---	0.0230

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10689785008
Filename	P240427B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.527	1.03	(2.43)	---	0.0461
194		53.068	0.91	0.503	---	0.0230
195		50.719	0.89	0.235	---	0.0230
196		49.176	0.90	0.284	---	0.0230
197	197/200	45.655	0.90	0.0995	---	0.0461
198	198/199	48.505	0.88	0.641	---	0.0461
199	198/199	48.505	0.88	(0.641)	---	0.0461
200	197/200	45.655	0.90	(0.0995)	---	0.0461
201		44.632	0.87	0.0735	---	0.0230
202		43.676	0.85	0.113	---	0.0230
203		49.377	0.90	0.347	---	0.0230
204		---	---	ND	---	0.0230
205		53.542	0.97	0.0300	---	0.0230
206		55.310	0.76	0.126	---	0.0230
207		---	---	ND	---	0.0230
208		50.460	0.84	0.0237	---	0.0230
209		---	---	ND	---	0.0230

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10689785008
Filename	P240427B_06

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0643
Total Dichloro Biphenyls	1.78
Total Trichloro Biphenyls	2.33
Total Tetrachloro Biphenyls	8.64
Total Pentachloro Biphenyls	7.62
Total Hexachloro Biphenyls	14.5
Total Heptachloro Biphenyls	9.69
Total Octachloro Biphenyls	2.33
Total Nonachloro Biphenyls	0.150
DecachloroBiphenyls	ND
Total PCBs	47.1

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or

WO# : 70294915

PM: BDR Due Date: 04/30/24

CLIENT: Pace-MN

Company: Arcadis	Billing Information: accountspayable, administration @arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146.3000 Housatonic River BMP	State: MA County/City: Pittsfield Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET
Phone: 315-671-9374 Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Penelope F. Rabasco	Turnaround Date Required: Standard Immediately Packed on Ice: [✓] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: TSS Low Level SM2540D *	Lab Sample # / Comments
Near Pittsfield WWTP	WT		04/17/24	17:30				1	X	

Container: 1 U

** Preservative Types: (1) [illegible], (2) [illegible], (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:
Please use entire sample for analysis.
Short Hold Time
Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used: BN, BB, UN

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2943349 7006 1450 7901

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: TH21
Cooler 1 Temp Upon Receipt: 4.7 oC
Cooler 1 Therm Corr. Factor: 0.4 oC
Cooler 1 Corrected Temp: 4.3 oC
Comments:

Relinquished by/Company: (Signature) Penelope F. Rabasco/Arcadis	Date/Time: 04/18/24 17:30	Received by/Company: (Signature) [illegible]	Date/Time: 2:30 041924
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: 10690011
Pace Project No.: 70294915

Sample: Near Pittsfield WWTP **Lab ID: 10690011001** Collected: 04/17/24 17:30 Received: 04/19/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**4.0**	mg/L	2.0	1		04/24/24 09:55		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO# : 10690033

10690033

LAB US ... umber or

Company: Arcadis	Billing Information: accountspayable.administration@arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30185146.3000 Housatonic River BMP	State: MA / County/City: Pittsfield / Time Zone Collected: [ ]PT [ ]MT [ ]CT [T]ET
Phone: 315-671-9374 Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): Pamela T. Rabasco	Turnaround Date Required: Standard / Immediately Packed on Ice: [T] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ____ [ ] Hold: ____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: ____

Container Preservative Type **: 4

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ____

Analyses: PCB 1668

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: ____	
Sample pH Acceptable	Y N NA
pH Strips: ____	
Sulfide Present	Y N NA
Lead Acetate Strips: ____	

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	PCB 1668	Lab Sample # / Comments
Near Pittsfield WWTP	WT		04/17/24	17:30				4	X	001

Customer Remarks / Special Conditions / Possible Hazards: Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2943352

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: T4
Cooler 1 Temp Upon Receipt: 1.4 oC
Cooler 1 Therm Corr. Factor: -0.3 oC
Cooler 1 Corrected Temp: 1.1 oC
Comments:

Relinquished by/Company: (Signature) Pamela T. Rabasco / Arcadis	Date/Time: 04/18/24 17:30	Received by/Company: (Signature) Melissa/Pace	Date/Time: 4/19/24 8:50
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

Report No.....10690033 1668C L2 dfr

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Near Pittsfield WWTP		
Lab Sample ID	10690033001		
Filename	P240427B_07		
Injected By	CVS		
Total Amount Extracted	1700 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/17/2024 17:30
ICAL ID	P240427B02	Received	04/19/2024 08:50
CCal Filename(s)	P240427B_01	Extracted	04/23/2024 14:15
Method Blank ID	BLANK-112565	Analyzed	04/27/2024 22:37

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.760	3.14	2.0	1.32	66
13C-4-MoCB	3	12.497	3.13	2.0	1.58	79
13C-2,2'-DiCB	4	12.791	1.54	2.0	1.50	75
13C-4,4'-DiCB	15	19.796	1.54	2.0	1.84	92
13C-2,2',6-TrCB	19	16.558	1.04	2.0	1.63	81
13C-3,4,4'-TrCB	37	27.544	1.06	2.0	1.62	81
13C-2,2',6,6'-TeCB	54	20.135	0.81	2.0	1.35	68
13C-3,4,4',5-TeCB	81	34.666	0.80	2.0	1.76	88
13C-3,3',4,4'-TeCB	77	35.238	0.79	2.0	1.84	92
13C-2,2',4,6,6'-PeCB	104	26.229	1.58	2.0	1.45	72
13C-2,3,3',4,4'-PeCB	105	38.855	1.58	2.0	1.74	87
13C-2,3,4,4',5-PeCB	114	38.201	1.63	2.0	1.66	83
13C-2,3',4,4',5-PeCB	118	37.648	1.61	2.0	1.67	84
13C-2,3',4,4',5'-PeCB	123	37.313	1.58	2.0	1.67	84
13C-3,3',4,4',5-PeCB	126	42.024	1.62	2.0	1.67	83
13C-2,2',4,4',6,6'-HxCB	155	32.268	1.24	2.0	1.54	77
13C-HxCB(156/157)	156/157	45.097	1.28	4.0	3.04	76
13C-2,3',4,4',5,5'-HxCB	167	43.924	1.30	2.0	1.54	77
13C-3,3',4,4',5,5'-HxCB	169	48.383	1.24	2.0	1.49	74
13C-2,2',3,4',5,6,6'-HpCB	188	38.185	1.05	2.0	1.74	87
13C-2,3,3',4,4',5,5'-HpCB	189	50.951	1.06	2.0	1.66	83
13C-2,2',3,3',5,5',6,6'-OcCB	202	43.672	0.89	2.0	1.72	86
13C-2,3,3',4,4',5,5',6-OcCB	205	53.537	0.87	2.0	1.71	86
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.283	0.83	2.0	1.70	85
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	50.455	0.79	2.0	1.77	88
13C-DeCB	209	56.899	0.72	2.0	1.74	87
CleanupStandards						
13C-2,4,4'-TrCB	28	23.197	1.06	2.0	1.42	71
13C-2,3,3',5,5'-PeCB	111	35.285	1.60	2.0	1.62	81
13C-2,2',3,3',5,5',6-HpCB	178	41.303	1.08	2.0	1.64	82
Recovery Standards						
13C-2,5-DiCB	9	15.221	1.61	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.192	0.81	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	32.485	1.59	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.850	1.29	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.063	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10690033001
Filename	P240427B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		9.772	3.15	0.162	---	0.0235
2		---	---	ND	---	0.0235
3		---	---	ND	---	0.0235
4		12.813	1.54	2.07	---	0.0235
5		---	---	ND	---	0.0235
6		15.718	1.68	0.0488	---	0.0235
7		---	---	ND	---	0.0235
8		16.238	1.47	0.0645	---	0.0235
9		---	---	ND	---	0.0235
10		13.040	1.63	0.0774	---	0.0235
11		---	---	ND	---	0.231
12	12/13	---	---	ND	---	0.0471
13	12/13	---	---	ND	---	0.0471
14		---	---	ND	---	0.0235
15		19.819	1.53	0.0724	---	0.0311
16		---	---	ND	---	0.0235
17		19.244	1.07	0.234	---	0.0235
18	18/30	18.769	1.04	0.133	---	0.0471
19		16.580	1.04	1.28	---	0.0235
20	20/28	---	---	ND	---	0.121
21	21/33	---	---	ND	---	0.127
22		---	---	ND	---	0.0894
23		---	---	ND	---	0.0235
24		---	---	ND	---	0.0235
25		22.548	1.08	0.0549	---	0.0235
26	26/29	22.285	1.05	0.0829	---	0.0471
27		19.487	1.05	0.220	---	0.0235
28	20/28	---	---	ND	---	0.121
29	26/29	22.285	1.05	(0.0829)	---	0.0471
30	18/30	18.769	1.04	(0.133)	---	0.0471
31		---	---	ND	---	0.122
32		20.367	1.07	0.161	---	0.0235
33	21/33	---	---	ND	---	0.127
34		---	---	ND	---	0.0235
35		---	---	ND	---	0.0235
36		---	---	ND	---	0.0235
37		---	---	ND	---	0.0499
38		---	---	ND	---	0.0235
39		---	---	ND	---	0.0235
40	40/41/71	27.389	0.79	0.121	---	0.0706
41	40/41/71	27.389	0.79	(0.121)	---	0.0706
42		26.863	0.75	0.0435	---	0.0235
43	43/73	---	---	ND	---	0.0471
44	44/47/65	26.353	0.77	1.02	---	0.0706
45	45/51	23.398	0.78	0.791	---	0.0471
46		23.661	0.85	0.0346	---	0.0235
47	44/47/65	26.353	0.77	(1.02)	---	0.0706
48		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10690033001
Filename	P240427B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	25.750	0.80	0.721	---	0.0471
50	50/53	22.579	0.77	0.647	---	0.0471
51	45/51	23.398	0.78	(0.791)	---	0.0471
52		25.208	0.77	0.751	---	0.121
53	50/53	22.579	0.77	(0.647)	---	0.0471
54		20.165	0.77	0.249	---	0.0235
55		---	---	ND	---	0.0235
56		---	---	ND	---	0.0235
57		---	---	ND	---	0.0235
58		---	---	ND	---	0.0235
59	59/62/75	---	---	ND	---	0.0706
60		---	---	ND	---	0.0235
61	61/70/74/76	30.319	0.82	0.113	---	0.0941
62	59/62/75	---	---	ND	---	0.0706
63		---	---	ND	---	0.0235
64		27.621	0.74	0.0348	---	0.0235
65	44/47/65	26.353	0.77	(1.02)	---	0.0706
66		30.690	0.80	0.0780	---	0.0555
67		---	---	ND	---	0.0235
68		---	---	ND	---	0.0235
69	49/69	25.750	0.80	(0.721)	---	0.0471
70	61/70/74/76	30.319	0.82	(0.113)	---	0.0941
71	40/41/71	27.389	0.79	(0.121)	---	0.0706
72		---	---	ND	---	0.0235
73	43/73	---	---	ND	---	0.0471
74	61/70/74/76	30.319	0.82	(0.113)	---	0.0941
75	59/62/75	---	---	ND	---	0.0706
76	61/70/74/76	30.319	0.82	(0.113)	---	0.0941
77		---	---	ND	---	0.0235
78		---	---	ND	---	0.0235
79		---	---	ND	---	0.0235
80		---	---	ND	---	0.0235
81		---	---	ND	---	0.0235
82		34.913	1.55	0.0339	---	0.0235
83		32.980	1.52	0.0250	---	0.0235
84		30.551	1.51	0.121	---	0.0235
85	85/116/117	34.403	1.43	0.0850	---	0.0706
86	86/87/97/108/119/125	33.738	1.54	0.356	---	0.141
87	86/87/97/108/119/125	33.738	1.54	(0.356)	---	0.141
88	88/91	30.334	1.59	0.248	---	0.0471
89		---	---	ND	---	0.0235
90	90/101/113	32.516	1.53	1.10	---	0.0706
91	88/91	30.334	1.59	(0.248)	---	0.0471
92		31.897	1.53	0.233	---	0.0235
93	93/98/100/102	29.654	1.58	0.235	---	0.0941
94		28.942	1.59	0.0415	---	0.0235
95		29.406	1.56	1.00	---	0.0659
96		26.616	1.54	0.0295	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Near Pittsfield WWTP
Lab Sample ID 10690033001
Filename P240427B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	33.738	1.54	(0.356)	---	0.141
98	93/98/100/102	29.654	1.58	(0.235)	---	0.0941
99		33.119	1.55	0.347	---	0.0235
100	93/98/100/102	29.654	1.58	(0.235)	---	0.0941
101	90/101/113	32.516	1.53	(1.10)	---	0.0706
102	93/98/100/102	29.654	1.58	(0.235)	---	0.0941
103		28.710	1.55	0.0891	---	0.0235
104		26.244	1.42	0.0268	---	0.0235
105		38.872	1.54	0.0901	---	0.0235
106		---	---	ND	---	0.0235
107	107/124	---	---	ND	---	0.0471
108	86/87/97/108/119/125	33.738	1.54	(0.356)	---	0.141
109		---	---	ND	---	0.0235
110	110/115	34.557	1.54	0.755	---	0.0471
111		---	---	ND	---	0.0235
112		---	---	ND	---	0.0235
113	90/101/113	32.516	1.53	(1.10)	---	0.0706
114		---	---	ND	---	0.0235
115	110/115	34.557	1.54	(0.755)	---	0.0471
116	85/116/117	34.403	1.43	(0.0850)	---	0.0706
117	85/116/117	34.403	1.43	(0.0850)	---	0.0706
118		37.681	1.56	0.314	---	0.0367
119	86/87/97/108/119/125	33.738	1.54	(0.356)	---	0.141
120		---	---	ND	---	0.0235
121		---	---	ND	---	0.0235
122		---	---	ND	---	0.0235
123		---	---	ND	---	0.0235
124	107/124	---	---	ND	---	0.0471
125	86/87/97/108/119/125	33.738	1.54	(0.356)	---	0.141
126		---	---	ND	---	0.0235
127		---	---	ND	---	0.0235
128	128/166	42.158	1.27	0.139	---	0.0471
129	129/138/163	40.884	1.24	1.92	---	0.0706
130		40.213	1.28	0.0713	---	0.0235
131		---	---	ND	---	0.0235
132		37.782	1.22	0.564	---	0.0235
133		38.285	1.34	0.0399	---	0.0235
134	134/143	36.692	1.26	0.104	---	0.0471
135	135/151	35.516	1.24	1.19	---	0.0471
136		33.011	1.23	0.377	---	0.0235
137		40.431	1.18	0.0288	---	0.0235
138	129/138/163	40.884	1.24	(1.92)	---	0.0706
139	139/140	---	---	ND	---	0.0471
140	139/140	---	---	ND	---	0.0471
141		39.794	1.25	0.457	---	0.0235
142		---	---	ND	---	0.0235
143	134/143	36.692	1.26	(0.104)	---	0.0471
144		36.104	1.24	0.129	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10690033001
Filename	P240427B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0235
146		38.972	1.23	0.331	---	0.0235
147	147/149	36.491	1.26	2.18	---	0.0471
148		---	---	ND	---	0.0235
149	147/149	36.491	1.26	(2.18)	---	0.0471
150		---	---	ND	---	0.0235
151	135/151	35.516	1.24	(1.19)	---	0.0471
152		---	---	ND	---	0.0235
153	153/168	39.593	1.24	2.03	---	0.0471
154		35.810	1.21	0.0623	---	0.0235
155		---	---	ND	---	0.0235
156	156/157	45.097	1.23	0.0981	---	0.0471
157	156/157	45.097	1.23	(0.0981)	---	0.0471
158		41.286	1.25	0.145	---	0.0235
159		---	---	ND	---	0.0235
160		---	---	ND	---	0.0235
161		---	---	ND	---	0.0235
162		---	---	ND	---	0.0235
163	129/138/163	40.884	1.24	(1.92)	---	0.0706
164		40.548	1.22	0.135	---	0.0235
165		---	---	ND	---	0.0235
166	128/166	42.158	1.27	(0.139)	---	0.0471
167		43.940	1.27	0.0456	---	0.0235
168	153/168	39.593	1.24	(2.03)	---	0.0471
169		---	---	ND	---	0.0235
170		47.813	1.02	0.661	---	0.0235
171	171/173	44.208	0.98	0.213	---	0.0471
172		45.852	1.04	0.131	---	0.0235
173	171/173	44.208	0.98	(0.213)	---	0.0471
174		43.119	1.04	0.777	---	0.0235
175		41.973	1.12	0.0360	---	0.0235
176		39.459	1.02	0.119	---	0.0235
177		43.571	1.02	0.485	---	0.0235
178		41.336	1.05	0.227	---	0.0235
179		38.553	1.04	0.454	---	0.0235
180	180/193	46.539	1.05	1.65	---	0.0471
181		---	---	ND	---	0.0235
182		---	---	ND	---	0.0235
183	183/185	42.884	1.03	0.568	---	0.0471
184		---	---	ND	---	0.0235
185	183/185	42.884	1.03	(0.568)	---	0.0471
186		---	---	ND	---	0.0235
187		42.258	1.03	1.14	---	0.0235
188		---	---	ND	---	0.0235
189		50.972	0.99	0.0237	---	0.0235
190		48.350	1.02	0.151	---	0.0235
191		46.891	0.99	0.0278	---	0.0235
192		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10690033001
Filename	P240427B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	46.539	1.05	(1.65)	---	0.0471
194		53.084	0.94	0.327	---	0.0235
195		50.736	0.85	0.153	---	0.0235
196		49.188	0.85	0.192	---	0.0235
197	197/200	45.667	0.90	0.0665	---	0.0471
198	198/199	48.517	0.86	0.433	---	0.0471
199	198/199	48.517	0.86	(0.433)	---	0.0471
200	197/200	45.667	0.90	(0.0665)	---	0.0471
201		44.628	0.87	0.0508	---	0.0235
202		43.706	0.90	0.0835	---	0.0235
203		49.389	0.85	0.234	---	0.0235
204		---	---	ND	---	0.0235
205		---	---	ND	---	0.0235
206		55.326	0.78	0.0825	---	0.0235
207		---	---	ND	---	0.0235
208		---	---	ND	---	0.0235
209		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10690033001
Filename	P240427B_07

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.162
Total Dichloro Biphenyls	2.33
Total Trichloro Biphenyls	2.17
Total Tetrachloro Biphenyls	4.61
Total Pentachloro Biphenyls	5.13
Total Hexachloro Biphenyls	10.0
Total Heptachloro Biphenyls	6.67
Total Octachloro Biphenyls	1.54
Total Nonachloro Biphenyls	0.0825
DecachloroBiphenyls	ND
Total PCBs	32.7

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

General Electric Company

Data Validation Report

Baseline Surface Water Monitoring
Housatonic River – Rest of River
Pittsfield, Massachusetts

Polychlorinated Biphenyl (PCB) Congeners and Total Suspended Solids (TSS) Analyses

SDGs # 10693335 and 10693693

Tier I Level Data Review

Analyses Performed By:
Pace Analytical Services, Inc, Minneapolis, Minnesota
And
Pace Analytical Services, Melville, New York

Report # 58576R
Project: 30299972.3000

Table of Contents

1 Summary 1
1.1 Analytical Data Package Documentation 2
1.2 Data Validation Procedures 2
2 Polychlorinated Biphenyl Congener Analyses 5
2.1 Holding Times 5
2.2 Field Duplicate Analysis 5
2.3 Compound Identification 7
2.4 Data Validation Checklist for PCB Congeners 8
3 General Chemistry Analyses 9
3.1 Holding Times 9
3.2 Field Duplicate Analysis 9
3.3 Data Validation Checklist for General Chemistry 9
4 Overall Data Usability 10

Tables

Table 1. Summary of Samples Subjected to Tier I Data Validation 1
Table 2. Evaluation of Data Package Completeness 2
Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation 4
Table 4. Holding Time for USEPA Method 1668C 5
Table 5. Summary of Field Duplicate Analysis 5
Table 6. Data Validation Checklist for Polychlorinated Biphenyls 8
Table 7. Specified Holding Time 9
Table 8. Summary of Field Duplicate Analysis 9
Table 9. Data Validation Checklist for General Chemistry 9
Table 10. Overall Summary of Data Usability 10

Appendices

Appendix A Chain of Custody
Appendix B Annotated Sample Analysis Data Sheets

1 Summary

This attachment summarizes the data validation review of Sample Delivery Groups (SDGs) 10693335 and 10693693 performed on behalf of the General Electric Company (GE) for surface water sampling activities conducted as part of the Baseline Monitoring at the GE-Pittsfield/Housatonic River Site. The review was conducted at a Tier I level and included review of data package completeness. Field documentation was not included in this review. Included with this assessment are the chain-of-custody forms (Appendix A) and the validation annotated sample analysis data sheets (Appendix B). Analyses were performed on the samples listed in Table 1.

Table 1. Summary of Samples Subjected to Tier I Data Validation

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
10693335	DERBY DAM	10693335001	Water	05/13/2024			X
	STEVENSON DAM	10693335002	Water	05/13/2024			X
	SHEPAUG DAM	10693335003	Water	05/13/2024			X
	RT. 202 BRIDGE	10693335004	Water	05/14/2024			X
	RT. 341 BRIDGE	10693335005	Water	05/14/2024			X
	CANAAN TOWN LINE BRIDGE	10693335006	Water	05/14/2024			X
	FALLS VILLAGE DAM	10693335007	Water	05/14/2024			X
	RANNAPO RD BRIDGE	10693335008	Water	05/15/2024			X
	RISING POND DAM	10693335009	Water	05/15/2024			X
	HR-D1	10693335010	Water	05/15/2024	RISING POND DAM		X
	OLD PLEASANT STREET BRIDGE	10693335011	Water	05/15/2024			X
	WOODS POND DAM	10693335012	Water	05/15/2024			X
	NEW LENOX RD BRIDGE	10693335013	Water	05/16/2024			X
	NEAR PITTSFIELD WWTP	10693335014	Water	05/16/2024			X
	POMEROY AVENUE BRIDGE	10693335015	Water	05/16/2024			X
10693693	DERBY DAM	10693693001	Water	05/13/2024		X	
	STEVENSON DAM	10693693002	Water	05/13/2024		X	
	SHEPAUG DAM	10693693003	Water	05/13/2024		X	
	HR-EB1	10693693004	Water	05/15/2024		X	
	RT. 202 BRIDGE	10693693005	Water	05/14/2024		X	
	RT. 341 BRIDGE	10693693006	Water	05/14/2024		X	
	CANAAN TOWN LINE BRIDGE	10693693007	Water	05/14/2024		X	
	FALLS VILLAGE DAM	10693693008	Water	05/14/2024		X	
	RANNAPO RD BRIDGE	10693693009	Water	05/15/2024		X	
	RISING POND DAM	10693693010	Water	05/15/2024		X	
	HR-D1	10693693011	Water	05/15/2024	RISING POND DAM	X	
	OLD PLEASANT STREET BRIDGE	10693693012	Water	05/15/2024		X	

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
	WOODS POND DAM	10693693013	Water	05/15/2024		X	
	NEW LENOX RD BRIDGE	10693693015	Water	05/16/2024		X	
	NEAR PITTSFIELD WWTP	10693693016	Water	05/16/2024		X	
	POMEROY AVENUE BRIDGE	10693693017	Water	05/16/2024		X	

Notes:
PCB = Polychlorinated Biphenyl Congeners
TSS = Total suspended solids

1.1 Analytical Data Package Documentation

The table below is the evaluation of the data package completeness.

Table 2. Evaluation of Data Package Completeness

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

Note:
QA = Quality Assurance

1.2 Data Validation Procedures

Analyses were performed according to United States Environmental Protection Agency (EPA) SW-846 Methods USEPA Method 1668C, and Standard Method 2540D. Data were reviewed in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan – GE-Pittsfield/Housatonic River Site (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, prepared by Arcadis (Revised December 21, 2023);
- EPA Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (July 1996, revised December 1996) (EPA Region I Guidelines);

- EPA National Functional Guidelines for High Resolution Superfund Methods Data Review OLEM 9240.1-65EPA, 542-R-20-007 (November 2020); and
- Second Revised Baseline Monitoring Plan, Housatonic River – Rest of River, General Electric Company, Pittsfield, Massachusetts, prepared by Anchor QEA (January 2023).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers:
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers:
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
  - JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
  - UB Compound considered non-detect at the listed value due to associated blank contamination.
  - N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
  - R The sample results are rejected.

Two facts should be noted by all data users. First, the “R” flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. “R” values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Section 7.5 of the revised FSP/QAPP states that all analytical data will be validated to a Tier I level following the procedures presented in the EPA Region I Guidelines. The Tier I review consisted of a completeness evidence

audit, as outlined in the EPA Region I CSF Completeness Evidence Audit Program (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the EPA Region I Tier I data completeness requirements.

Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the number of sample analyses subject to Tier I data review is presented in the following table.

Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	14	1	1	0	0	0	16
TSS	14	1	0	0	0	0	15

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in EPA Region I Guidelines. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. The annotated sample analysis data sheets attached to this validation report (Appendix B) reflect any added data qualifiers.

2 Polychlorinated Biphenyl Congener Analyses

2.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 4. Holding Time for USEPA Method 1668C

Method	Matrix	Holding Time	Preservation
USEPA Method 1668C	Water	One year from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria.

2.2 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In an instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 5. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
RISING POND DAM / HR-D1	PCB-1	0.0331	0.0348	AC
	PCB-4	0.783	0.865	10.0%
	PCB-8	0.0260	0.0324	AC
	PCB-15	0.0721	0.0784	AC
	PCB-17	0.126	0.130	3.1%
	PCB-18/30	0.104	0.102	AC
	PCB-19	0.598	0.643	7.3%
	PCB-20/28	0.133	0.140	AC
	PCB-25	0.0634	0.0682	AC
	PCB-26/29	0.0822	0.0859	AC
	PCB-27	0.0977	0.0990	AC
	PCB-32	0.110	0.114	3.6%
	PCB-40/41/71	0.239	0.235	AC
	PCB-42	0.0914	0.0922	AC
	PCB-43/73	0.0501	0.0492	AC
	PCB-44/47/65	1.64	1.66	1.2%
	PCB-45/51	0.762	0.731	4.1%
	PCB-46	0.0539	0.0541	AC

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
	PCB-49/69	0.992	0.998	0.6%
	PCB-50/53	0.727	0.690	5.2%
	PCB-52	0.646	0.648	0.3%
	PCB-54	0.269	0.280	4.0%
	PCB-61/70/74/76	0.135	0.136	AC
	PCB-64	0.0389	0.0403	AC
	PCB-66	0.153	0.155	AC
	PCB-68	0.0282	0.0305	AC
	PCB-82	0.0264	0.0270	AC
	PCB-83	0.0294	0.0366	AC
	PCB-84	0.100	0.100	AC
	PCB-85/116/117	0.105	0.103	AC
	PCB-86/87/97/108/119/125	0.355	0.369	AC
	PCB-88/91	0.361	0.358	0.8%
	PCB-90/101/113	1.04	1.08	3.8%
	PCB-92	0.327	0.322	1.5%
	PCB-93/98/100/102	0.269	0.269	AC
	PCB-94	0.0672	0.0653	AC
	PCB-95	0.694	0.717	3.3%
	PCB-96	0.0380	0.0330	AC
	PCB-99	0.455	0.469	3.0%
	PCB-103	0.0938	0.0918	AC
	PCB-104	0.0306	0.0304	AC
	PCB-105	0.0913	0.0866	AC
	PCB-109	0.0400	0.0469	AC
	PCB-110/115	0.739	0.767	3.7%
	PCB-118	0.341	0.369	7.9%
	PCB-128/166	0.176	0.175	AC
	PCB-129/138/163	2.23	2.38	6.5%
	PCB-130	0.111	0.124	11.0%
	PCB-132	0.593	0.600	1.2%
	PCB-133	0.0605	0.0640	AC
	PCB-134/143	0.115	0.111	AC
	PCB-135/151	1.09	1.11	1.8%
	PCB-136	0.308	0.303	1.6%
	PCB-137	0.0347	0.0337	AC
	PCB-141	0.424	0.434	2.3%
	PCB-144	0.0932	0.0986	AC
	PCB-146	0.445	0.489	9.4%
	PCB-147/149	2.28	2.36	3.4%

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
	PCB-153/168	2.28	2.42	6.0%
	PCB-154	0.0708	0.0696	AC
	PCB-156/157	0.110	0.117	AC
	PCB-158	0.144	0.152	5.4%
	PCB-164	0.161	0.175	8.3%
	PCB-167	0.0712	0.0736	AC
	PCB-170	0.757	0.806	6.3%
	PCB-171/173	0.245	0.267	8.6%
	PCB-172	0.158	0.172	8.5%
	PCB-174	0.906	0.949	4.6%
	PCB-175	0.0382	0.0354	AC
	PCB-176	0.111	0.120	7.8%
	PCB-177	0.585	0.622	6.1%
	PCB-178	0.247	0.260	5.1%
	PCB-179	0.432	0.446	3.2%
	PCB-180/193	1.79	1.91	6.5%
	PCB-183/185	0.610	0.657	7.4%
	PCB-187	1.23	1.28	4.0%
	PCB-189	0.0328	0.0339	AC
	PCB-190	0.173	0.185	6.7%
	PCB-191	0.0304	0.0301	AC
	PCB-194	0.402	0.428	6.3%
	PCB-195	0.188	0.192	AC
	PCB-196	0.214	0.226	5.4%
	PCB-197/200	0.0770	0.0816	AC
	PCB-198/199	0.520	0.506	2.7%
	PCB-201	0.0564	0.0589	AC
	PCB-202	0.0943	0.101	AC
	PCB-203	0.279	0.292	4.5%
	PCB-205	0.0256	0.0279	AC
	PCB-206	0.0986	0.105	6.3%
	PCB-208	0.0219 U	0.0220	AC

Notes:
AC = Acceptable
The calculated RPDs between the parent sample and field duplicate were acceptable.

2.3 Compound Identification

PCB congeners by 1668C are identified by using the compound's ion abundance ratios, signal-to-noise values, and relative retention times.

An EMPC or “estimated maximum possible concentration” designation is given to compounds which have signals eluting within the established retention time window which would, if positively identified, be above the detection limit. The signals do not, however, meet the ion abundance ratio criteria and cannot be identified as the compound of interest. The EMPC value is the estimated concentration of the interferant quantitated “as the compound of interest”. This value should be considered an elevated detection limit based on potential compound identification and quantitation interference. If the EMPC value is above the reporting limit, the qualifier UX has been added to the sample results to indicate the elevated detection limit as EMPC. If the EMPC value is below the reporting limit, the compound is reported as non-detect at the reporting limit and no qualification is added.

2.4 Data Validation Checklist for PCB Congeners

Table 6. Data Validation Checklist for Polychlorinated Biphenyls

PCB Congeners; EPA1668C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
HIGH RESOLUTION GAS CHROMATOGRAPHY/HIGH RESOLUTION MASS SPECTROMETRY (HRGC/HRMS)					
Tier I Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Field/Lab Duplicate (RPD)		X		X	
Dilution Factor		X		X	
Moisture Content	X				X
Ion abundance criteria for each instrument used		X	X		
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%RPD = Relative percent difference
%R = Percent recovery

When the laboratory case narrative outlines a quality issue and/or the laboratory applies qualifiers that exhibit potential QC issues beyond Tier I it will be added to the checklist above and the usability of the data will be addressed.

3 General Chemistry Analyses

3.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 7. Specified Holding Time

Method	Matrix	Holding Time	Preservation
Total Suspended Solids (TSS) by SM2540D	Water	7 days from collection to analysis	Cool to <6 °C.

All samples were analyzed within the specified holding time criteria.

3.2 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 8. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Analyte	Sample Result	Duplicate Result	RPD
RISING POND DAM / HR-D1	TSS	5.9	5.7	AC

Notes:
AC = Acceptable
The calculated RPDs between the parent sample and field duplicate were acceptable.

3.3 Data Validation Checklist for General Chemistry

Table 9. Data Validation Checklist for General Chemistry

General Chemistry: SM2540D	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Miscellaneous Instrumentation					
Tier I Validation					
Holding Times		X		X	
Reporting limits (units)		X		X	
Field/Lab Duplicate (RPD)		X		X	
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%R = Percent recovery
RPD = Relative percent difference

4 Overall Data Usability

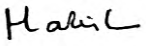
This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under Tier I data validation review. The percent usability calculation also includes quality control samples (i.e., field/equipment blanks, trip blanks, and field duplicates) to aid in the evaluation of data usability. Data usability is summarized in the following table.

Table 10. Overall Summary of Data Usability

Parameter	Percent Usability	Rejected Data
PCBs	100%	0
TSS	100%	0

The data package completeness, as determined from the Tier I data review was used to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses (discussed in this report) to provide a measure of compliance of the analytical data with the Data Quality Objectives specified in the FSP/QAPP.

VALIDATION PERFORMED BY: Hareesha Naik

SIGNATURE: 

DATE: March 28, 2025

PEER REVIEW: Andrew Korycinski

DATE: May 27, 2025

Appendix A

Chain of Custody

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO# : 70298301

PM: BDR **Due Date: 05/29/24**

CLIENT: Pace-MN

List Pace Workorder Number or re

LAB USE ONLY

Company: Arcadis	Billing Information: accountspayable, administration @ arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30224932.3000 Housatonic River BMP	State: MA County/City: Pittsfield Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET
Phone: 315-671-9374 Email:	Site/Facility ID #:
Collected By (print): P. Rabasco	Purchase Order #: Quote #:
Collected By (signature): Paul T. Rabasco	Turnaround Date Required: Standard
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Container Preservative Type: U — Analyses: TSS Low level SM2540D *	Lab Sample # / Comments
Derby Dam	WT		05/13/24	14:00				1	X	
Stevenson Dam	WT		05/13/24	17:10				1	X	
Shepaug Dam	WT		05/13/24	15:45				1	X	
Rt. 202 Bridge	WT		05/14/24	14:40				1	X	
Rt. 341 Bridge	WT		05/14/24	17:00				1	X	
Canaan Town Line Bridge	WT		05/14/24	18:50				1	X	
Falls Village Dam	WT		05/14/24	13:00				1	X	
Ronnapo Rd Bridge	WT		05/15/24	14:00				1	X	
Rising Pond Dam	WT		05/15/24	16:00				1	X	
HR-D1	WT		05/15/24	—				1	X	

Lab Profile/Line: 45645

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	~~NA~~
Custody Signatures Present	~~Y~~	N	NA
Collector Signature Present	~~Y~~	N	NA
Bottles Intact	~~Y~~	N	NA
Correct Bottles	~~Y~~	N	NA
Sufficient Volume	~~Y~~	N	NA
Samples Received on Ice	~~Y~~	N	NA
VOA - Headspace Acceptable	Y	N	~~NA~~
USDA Regulated Soils	Y	N	~~NA~~
Samples in Holding Time	~~Y~~	N	NA
Residual Chlorine Present	Y	N	~~NA~~
Cl Strips:			
Sample pH Acceptable	Y	N	~~NA~~
pH Strips:			
Sulfide Present	Y	N	~~NA~~
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:
Please use entire sample for analysis.
Short Hold Time
Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2913779

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: Thell
Cooler 1 Temp Upon Receipt: 2.0 oC
Cooler 1 Therm Corr. Factor: -.04 oC
Cooler 1 Corrected Temp: 1.6 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Paul T. Rabasco / Arcadis	05/16/24 17:30		5/17 9:35
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 2

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO#: 70298301

PM: BDR **Due Date: 05/29/24**

CLIENT: Pace-MN

ist Pace Workorder Number or
re

AB USE ONLY

Company: Arcadis	Billing Information: accountspayable.administration@arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30224932.3000 Housatonic River BMP	State: MA County/City: Pittsfield Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET
Phone: 315-671-9374 Email:	Site/Facility ID #:
Collected By (print): P. Rabasco	Purchase Order #: Quote #:
Collected By (signature): Penelope T. Rabasco	Turnaround Date Required: Standard
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: U

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses: TSS Low Level SM2540D *

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	~~Y~~	N	NA
Collector Signature Present	~~Y~~	N	NA
Bottles Intact	~~Y~~	N	NA
Correct Bottles	~~Y~~	N	NA
Sufficient Volume	~~Y~~	N	NA
Samples Received on Ice	~~Y~~	N	NA
VOA - Headspace Acceptable	Y	N	~~NA~~
USDA Regulated Soils	Y	N	~~NA~~
Samples in Holding Time	~~Y~~	N	NA
Residual Chlorine Present	Y	N	~~NA~~
Cl Strips: _____			
Sample pH Acceptable	Y	N	~~NA~~
pH Strips: _____			
Sulfide Present	Y	N	~~NA~~
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	TSS Low Level SM2540D *
Old Pleasant Street Bridge	WT		05/15/24	17:45				1	X
Woods Pond Dam	WT		05/15/24	18:45				1	X
New Lenox Rd Bridge	WT		05/16/24	12:40				1	X
Near Pittsfield WWTP	WT		05/16/24	14:00				1	X
Pomeroy Avenue Bridge	WT		05/16/24	15:30				1	X

Customer Remarks / Special Conditions / Possible Hazards:
Please use entire sample for analysis.
Short Hold Time
Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 7048 1486 7897 2913774

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: T1211
Cooler 1 Temp Upon Receipt: 2.0 oC
Cooler 1 Therm Corr. Factor: -0.4 oC
Cooler 1 Corrected Temp: 1.6 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Rabasco / Arcadis	05/16/24 17:30	PCCI	5/17 9:35
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 2 of: 2

Appendix B

Annotated Sample Analysis Data Sheets

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10693335

Sample: Derby Dam **Lab ID: 10693335001** Collected: 05/13/24 14:00 Received: 05/17/24 00:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville								
Total Suspended Solids	**1.2J**	mg/L	10.0	0.96	1		05/20/24 09:51		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10693335

Sample: Stevenson Dam **Lab ID: 10693335002** Collected: 05/13/24 17:10 Received: 05/17/24 00:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville								
Total Suspended Solids	**1.6J**	mg/L	10.0	0.96	1		05/20/24 09:51		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10693335

Sample: Shepaug Dam **Lab ID: 10693335003** Collected: 05/13/24 15:45 Received: 05/17/24 00:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville								
Total Suspended Solids	**1.6J**	mg/L	10.0	0.96	1		05/20/24 09:51		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10693335

Sample: Rt. 202 Bridge **Lab ID: 10693335004** Collected: 05/14/24 14:40 Received: 05/17/24 00:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville								
Total Suspended Solids	**3.6J**	mg/L	10.0	0.96	1		05/20/24 09:52		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10693335

Sample: Rt. 341 Bridge **Lab ID: 10693335005** Collected: 05/14/24 17:00 Received: 05/17/24 00:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville								
Total Suspended Solids	**4.0J**	mg/L	10.0	0.96	1		05/20/24 09:52		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10693335

Sample: Canaan Town Line Bridge **Lab ID: 10693335006** Collected: 05/14/24 18:50 Received: 05/17/24 00:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville								
Total Suspended Solids	**2.8J**	mg/L	10.0	0.96	1		05/20/24 09:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10693335

Sample: Falls Village Dam **Lab ID: 10693335007** Collected: 05/14/24 13:00 Received: 05/17/24 00:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville								
Total Suspended Solids	**3.2J**	mg/L	10.0	0.96	1		05/20/24 09:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10693335

Sample: Rannapo Rd Bridge **Lab ID: 10693335008** Collected: 05/15/24 14:00 Received: 05/17/24 00:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville								
Total Suspended Solids	**4.4J**	mg/L	10.0	0.96	1		05/20/24 09:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10693335

Sample: Rising Pond Dam **Lab ID: 10693335009** Collected: 05/15/24 16:00 Received: 05/17/24 00:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville								
Total Suspended Solids	**5.9**	mg/L	2.5	0.24	1		05/20/24 15:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10693335

Sample: HR-D1 **Lab ID: 10693335010** Collected: 05/15/24 00:00 Received: 05/17/24 00:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville								
Total Suspended Solids	**5.7**	mg/L	2.5	0.24	1		05/20/24 15:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10693335

Sample: Old Pleasant Street Bridge **Lab ID: 10693335011** Collected: 05/15/24 17:45 Received: 05/17/24 00:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville								
Total Suspended Solids	**4.7**	mg/L	2.5	0.24	1		05/20/24 15:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10693335

Sample: Woods Pond Dam **Lab ID: 10693335012** Collected: 05/15/24 18:45 Received: 05/17/24 00:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville								
Total Suspended Solids	**4.7**	mg/L	2.5	0.24	1		05/20/24 15:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10693335

Sample: New Lenox Rd Bridge **Lab ID: 10693335013** Collected: 05/16/24 12:40 Received: 05/17/24 00:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville								
Total Suspended Solids	**4.3**	mg/L	2.5	0.24	1		05/21/24 10:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10693335

Sample: Near Pittsfield WWTP **Lab ID: 10693335014** Collected: 05/16/24 14:00 Received: 05/17/24 00:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville								
Total Suspended Solids	**4.8**	mg/L	2.5	0.24	1		05/21/24 15:00		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10693335

Sample: Pomeroy Avenue Bridge **Lab ID: 10693335015** Collected: 05/16/24 15:30 Received: 05/17/24 00:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville								
Total Suspended Solids	**1.9J**	mg/L	2.5	0.24	1		05/21/24 15:01		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY — WO#: 10693693

Report #: 10693693 Line: 1668

Company: Arcadis	Billing Information: accountspayable.administration@arcadis.com
Address: 110 W. Fayette St, Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30224932.3000 Housatonic River BMP	State: MA County/City: Pittsfield Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: 315-671-9374 Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Penelope T. Rabasco	Turnaround Date Required: Standard Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: U

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses: PCB 1668

Lab Profile/Line: 4 5643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY: Lab Sample # / Comments:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	PCB 1668	Lab Sample # / Comments
Derby Dam	WT		05/13/24	14:00				4	X	001
Stevenson Dam	WT		05/13/24	17:10				4	X	002
Shepaug Dam	WT		05/13/24	15:45				4	X	003
HR-EB1	WT		05/15/24	12:00				4	X	004
Rt. 202 Bridge	WT		05/14/24	14:40				4	X	005
Rt. 341 Bridge	WT		05/14/24	17:00				4	X	006
Canaan Town Line Bridge	WT		05/14/24	18:50				4	X	007
Falls Village Dam	WT		05/14/24	13:00				4	X	008
Rannapo Rd Bridge	WT		05/15/24	14:00				4	X	009
Rising Pond Dam	WT		05/15/24	16:00				4	X	010

Customer Remarks / Special Conditions / Possible Hazards: Refer to contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2913776

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: (Y) N NA
Therm ID#: T1
Cooler 1 Temp Upon Receipt: ____ oC
Cooler 1 Therm Corr. Factor: -0.2 oC
Cooler 1 Corrected Temp: ____ oC
Comments: 2.9/2.9/3.4/3.5/5.1/4.0/3.0/2.4/3.4

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Relinquished by/Company: (Signature) Penelope T. Rabasco / Arcadis	Date/Time: 05/20/24 17:30	Received by/Company: (Signature) / Pace	Date/Time: 5-21-24 9:45
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Non Conformance(s): YES / NO

Page: 1 of: 2

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Report #: 06960916680

Company: Arcadis	Billing Information: accountspayable, administration @ Arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30224932.3000 Housatonic River BMP	State: MA County/City: Pittsfield Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET
Phone: 315-671-9374 Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Penelope T. Rabasco	Turnaround Date Required: Standard Immediately Packed on Ice: [✓] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	PCB 1668	Lab Sample # / Comments
HR-D1	WT		05/15/24	—				4	X	011
Old Pleasant Street Bridge	WT		05/15/24	17:45				4	X	012
Woods Pond Dam	WT		05/15/24	18:45				4	X	013
Woods Pond Dam (lab Dup)	WT		05/15/24	18:45				4	X	014
New Lenox Rd Bridge	WT		05/16/24	12:40				4	X	015
Near Pittsfield WWTP	WT		05/16/24	14:00				4	X	016
Pomeroy Avenue Bridge	WT		05/16/24	15:30				4	X	017

Container Preservative Type **: 4

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Lab Project Manager:

Analyses

Lab Profile/Line: 456 43

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards: Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2913778

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: oC
Cooler 1 Therm Corr. Factor: oC
Cooler 1 Corrected Temp: oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Rabasco / Arcadis	05/20/24 17:30	[signature] / Pace	5-24-24 9:45
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 2 of: 2

Page 6 of 8

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Derby Dam		
Lab Sample ID	10693693001		
Filename	P240609A_04		
Injected By	JRH		
Total Amount Extracted	1720 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	05/13/2024 14:00
ICAL ID	P240609A02	Received	05/21/2024 09:45
CCal Filename(s)	P240609A_01	Extracted	06/04/2024 14:00
Method Blank ID	BLANK-113258	Analyzed	06/09/2024 04:25

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery	
Labeled Analytes							
13C-2-MoCB	1	9.270	3.14	2.0	0.965	48	
13C-4-MoCB	3	11.939	3.24	2.0	1.18	59	
13C-2,2'-DiCB	4	12.233	1.54	2.0	0.779	39	
13C-4,4'-DiCB	15	19.148	1.60	2.0	1.60	80	
13C-2,2',6-TrCB	19	15.943	1.09	2.0	0.915	46	
13C-3,4,4'-TrCB	37	26.860	1.08	2.0	1.97	98	
13C-2,2',6,6'-TeCB	54	19.482	0.79	2.0	0.900	45	
13C-3,4,4',5-TeCB	81	33.951	0.81	2.0	2.29	114	
13C-3,3',4,4'-TeCB	77	34.539	0.79	2.0	2.66	133	
13C-2,2',4,6,6'-PeCB	104	25.514	1.60	2.0	1.02	51	
13C-2,3,3',4,4'-PeCB	105	38.142	1.65	2.0	2.61	130	
13C-2,3,4,4',5-PeCB	114	37.471	1.65	2.0	2.53	126	
13C-2,3',4,4',5-PeCB	118	36.918	1.62	2.0	2.49	124	
13C-2,3',4,4',5'-PeCB	123	36.582	1.59	2.0	2.46	123	
13C-3,3',4,4',5-PeCB	126	41.311	1.59	2.0	2.92	146	R
13C-2,2',4,4',6,6'-HxCB	155	31.522	1.25	2.0	1.04	52	
13C-HxCB(156/157)	156/157	44.384	1.32	4.0	2.55	64	
13C-2,3',4,4',5,5'-HxCB	167	43.194	1.33	2.0	1.24	62	
13C-3,3',4,4',5,5'-HxCB	169	47.670	1.29	2.0	1.44	72	
13C-2,2',3,4',5,6,6'-HpCB	188	37.438	1.04	2.0	1.91	95	
13C-2,3,3',4,4',5,5'-HpCB	189	50.226	1.07	2.0	1.98	99	
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.925	0.91	2.0	1.56	78	
13C-2,3,3',4,4',5,5',6-OcCB	205	52.812	0.89	2.0	1.98	99	
13C-2,2',3,3',4,4',5,5',6-NoCB	206	54.536	0.81	2.0	2.07	103	
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	49.687	0.81	2.0	1.94	97	
13C-DeCB	209	56.131	0.69	2.0	2.29	114	
CleanupStandards							
13C-2,4,4'-TrCB	28	22.513	1.10	2.0	1.78	89	
13C-2,3,3',5,5'-PeCB	111	34.554	1.58	2.0	2.08	104	
13C-2,2',3,3',5,5',6-HpCB	178	40.556	1.04	2.0	1.60	80	
Recovery Standards							
13C-2,5-DiCB	9	14.616	1.62	2.0	NA	NA	
13C-2,2',5,5'-TeCB	52	24.493	0.78	2.0	NA	NA	
13C-2,2',4,5,5'-PeCB	101	31.754	1.59	2.0	NA	NA	
13C-2,2',3,4,4',5'-HxCB	138	40.120	1.29	2.0	NA	NA	
13C-2,2',3,3',4,4',5,5'-OcCB	194	52.338	0.94	2.0	NA	NA	

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10693693001
Filename	P240609A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0232
2		---	---	ND	---	0.0232
3		---	---	ND	---	0.0232
4		12.255	1.41	0.0668 A	---	0.0416
5		---	---	ND	---	0.0232
6		---	---	ND	---	0.0232
7		---	---	ND	---	0.0232
8		---	---	ND	---	0.0232
9		---	---	ND	---	0.0232
10		---	---	ND	---	0.0232
11		---	---	ND	---	0.227
12	12/13	---	---	ND	---	0.0464
13	12/13	---	---	ND	---	0.0464
14		---	---	ND	---	0.0232
15		---	---	ND	---	0.0306
16		---	---	ND	---	0.0232
17		---	---	ND	---	0.0232
18	18/30	---	---	ND	---	0.0464
19		15.965	0.88	0.0365	---	0.0232
20	20/28	---	---	ND	---	0.120
21	21/33	---	---	ND	---	0.125
22		---	---	ND	---	0.0881
23		---	---	ND	---	0.0232
24		---	---	ND	---	0.0232
25		---	---	ND	---	0.0232
26	26/29	---	---	ND	---	0.0464
27		---	---	ND	---	0.0232
28	20/28	---	---	ND	---	0.120
29	26/29	---	---	ND	---	0.0464
30	18/30	---	---	ND	---	0.0464
31		---	---	ND	---	0.121
32		---	---	ND	---	0.0232
33	21/33	---	---	ND	---	0.125
34		---	---	ND	---	0.0232
35		---	---	ND	---	0.0232
36		---	---	ND	---	0.0232
37		---	---	ND	---	0.0492
38		---	---	ND	---	0.0232
39		---	---	ND	---	0.0232
40	40/41/71	---	---	ND	---	0.0696
41	40/41/71	---	---	ND	---	0.0696
42		---	---	ND	---	0.0232
43	43/73	---	---	ND	---	0.0464
44	44/47/65	---	---	ND	---	0.0696
45	45/51	---	---	ND	---	0.0464
46		---	---	ND	---	0.0232
47	44/47/65	---	---	ND	---	0.0696
48		---	---	ND	---	0.0232

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10693693001
Filename	P240609A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	---	---	ND	---	0.0464
50	50/53	---	---	ND	---	0.0464
51	45/51	---	---	ND	---	0.0464
52		---	---	ND	---	0.120
53	50/53	---	---	ND	---	0.0464
54		---	---	ND	---	0.0232
55		---	---	ND	---	0.0232
56		---	---	ND	---	0.0232
57		---	---	ND	---	0.0232
58		---	---	ND	---	0.0232
59	59/62/75	---	---	ND	---	0.0696
60		---	---	ND	---	0.0232
61	61/70/74/76	---	---	ND	---	0.0928
62	59/62/75	---	---	ND	---	0.0696
63		---	---	ND	---	0.0232
64		---	---	ND	---	0.0232
65	44/47/65	---	---	ND	---	0.0696
66		---	---	ND	---	0.0547
67		---	---	ND	---	0.0232
68		---	---	ND	---	0.0232
69	49/69	---	---	ND	---	0.0464
70	61/70/74/76	---	---	ND	---	0.0928
71	40/41/71	---	---	ND	---	0.0696
72		---	---	ND	---	0.0232
73	43/73	---	---	ND	---	0.0464
74	61/70/74/76	---	---	ND	---	0.0928
75	59/62/75	---	---	ND	---	0.0696
76	61/70/74/76	---	---	ND	---	0.0928
77		---	---	ND	---	0.0232
78		---	---	ND	---	0.0232
79		---	---	ND	---	0.0232
80		---	---	ND	---	0.0232
81		---	---	ND	---	0.0232
82		---	---	ND	---	0.0232
83		---	---	ND	---	0.0232
84		---	---	ND	---	0.0232
85	85/116/117	---	---	ND	---	0.0696
86	86/87/97/108/119/125	---	---	ND	---	0.139
87	86/87/97/108/119/125	---	---	ND	---	0.139
88	88/91	---	---	ND	---	0.0464
89		---	---	ND	---	0.0232
90	90/101/113	---	---	ND	---	0.0696
91	88/91	---	---	ND	---	0.0464
92		---	---	ND	---	0.0232
93	93/98/100/102	---	---	ND	---	0.0928
94		---	---	ND	---	0.0232
95		---	---	ND	---	0.0649
96		---	---	ND	---	0.0232

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10693693001
Filename	P240609A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.139
98	93/98/100/102	---	---	ND	---	0.0928
99		---	---	ND	---	0.0232
100	93/98/100/102	---	---	ND	---	0.0928
101	90/101/113	---	---	ND	---	0.0696
102	93/98/100/102	---	---	ND	---	0.0928
103		---	---	ND	---	0.0232
104		---	---	ND	---	0.0232
105		---	---	ND	---	0.0232
106		---	---	ND	---	0.0232
107	107/124	---	---	ND	---	0.0464
108	86/87/97/108/119/125	---	---	ND	---	0.139
109		---	---	ND	---	0.0232
110	110/115	---	---	ND	---	0.0464
111		---	---	ND	---	0.0232
112		---	---	ND	---	0.0232
113	90/101/113	---	---	ND	---	0.0696
114		---	---	ND	---	0.0232
115	110/115	---	---	ND	---	0.0464
116	85/116/117	---	---	ND	---	0.0696
117	85/116/117	---	---	ND	---	0.0696
118		---	---	ND	---	0.0362
119	86/87/97/108/119/125	---	---	ND	---	0.139
120		---	---	ND	---	0.0232
121		---	---	ND	---	0.0232
122		---	---	ND	---	0.0232
123		---	---	ND	---	0.0232
124	107/124	---	---	ND	---	0.0464
125	86/87/97/108/119/125	---	---	ND	---	0.139
126		---	---	ND	---	0.0232
127		---	---	ND	---	0.0232
128	128/166	---	---	ND	---	0.0464
129	129/138/163	40.154	1.27	0.137	---	0.0696
130		---	---	ND	---	0.0232
131		---	---	ND	---	0.0232
132		37.069	1.32	0.0322	---	0.0232
133		---	---	ND	---	0.0232
134	134/143	---	---	ND	---	0.0464
135	135/151	34.771	1.45	--- I	0.0587 UX	0.0464
136		---	---	ND	---	0.0232
137		---	---	ND	---	0.0232
138	129/138/163	40.154	1.27	(0.137)	---	0.0696
139	139/140	---	---	ND	---	0.0464
140	139/140	---	---	ND	---	0.0464
141		---	---	ND	---	0.0232
142		---	---	ND	---	0.0232
143	134/143	---	---	ND	---	0.0464
144		---	---	ND	---	0.0232

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10693693001
Filename	P240609A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L		EML ng/L
145		---	---	ND	---		0.0232
146		38.225	1.14	0.0294	---		0.0232
147	147/149	35.761	1.16	0.124	---		0.0464
148		---	---	ND	---		0.0232
149	147/149	35.761	1.16	(0.124)	---		0.0464
150		---	---	ND	---		0.0232
151	135/151	34.771	1.45	--- I	(0.0587)	UX	0.0464
152		---	---	ND	---		0.0232
153	153/168	38.863	1.34	0.132	---		0.0464
154		---	---	ND	---		0.0232
155		---	---	ND	---		0.0232
156	156/157	---	---	ND	---		0.0464
157	156/157	---	---	ND	---		0.0464
158		---	---	ND	---		0.0232
159		---	---	ND	---		0.0232
160		---	---	ND	---		0.0232
161		---	---	ND	---		0.0232
162		---	---	ND	---		0.0232
163	129/138/163	40.154	1.27	(0.137)	---		0.0696
164		---	---	ND	---		0.0232
165		---	---	ND	---		0.0232
166	128/166	---	---	ND	---		0.0464
167		---	---	ND	---		0.0232
168	153/168	38.863	1.34	(0.132)	---		0.0464
169		---	---	ND	---		0.0232
170		---	---	ND	---		0.0232
171	171/173	---	---	ND	---		0.0464
172		---	---	ND	---		0.0232
173	171/173	---	---	ND	---		0.0464
174		---	---	ND	---		0.0232
175		---	---	ND	---		0.0232
176		---	---	ND	---		0.0232
177		---	---	ND	---		0.0232
178		---	---	ND	---		0.0232
179		---	---	ND	---		0.0232
180	180/193	---	---	ND	---		0.0464
181		---	---	ND	---		0.0232
182		---	---	ND	---		0.0232
183	183/185	---	---	ND	---		0.0464
184		---	---	ND	---		0.0232
185	183/185	---	---	ND	---		0.0464
186		---	---	ND	---		0.0232
187		41.512	1.05	0.0504	---		0.0232
188		---	---	ND	---		0.0232
189		---	---	ND	---		0.0232
190		---	---	ND	---		0.0232
191		---	---	ND	---		0.0232
192		---	---	ND	---		0.0232

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10693693001
Filename	P240609A_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	---	---	ND	---	0.0464
194		---	---	ND	---	0.0232
195		---	---	ND	---	0.0232
196		---	---	ND	---	0.0232
197	197/200	---	---	ND	---	0.0464
198	198/199	---	---	ND	---	0.0464
199	198/199	---	---	ND	---	0.0464
200	197/200	---	---	ND	---	0.0464
201		---	---	ND	---	0.0232
202		---	---	ND	---	0.0232
203		---	---	ND	---	0.0232
204		---	---	ND	---	0.0232
205		---	---	ND	---	0.0232
206		---	---	ND	---	0.0232
207		---	---	ND	---	0.0232
208		---	---	ND	---	0.0232
209		---	---	ND	---	0.0232

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10693693001
Filename	P240609A_04

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.0668
Total Trichloro Biphenyls	0.0365
Total Tetrachloro Biphenyls	ND
Total Pentachloro Biphenyls	ND
Total Hexachloro Biphenyls	0.455
Total Heptachloro Biphenyls	0.0504
Total Octachloro Biphenyls	ND
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	0.609

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Stevenson Dam		
Lab Sample ID	10693693002		
Filename	P240609A_05		
Injected By	JRH		
Total Amount Extracted	2050 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	05/13/2024 17:10
ICAL ID	P240609A02	Received	05/21/2024 09:45
CCal Filename(s)	P240609A_01	Extracted	06/04/2024 14:00
Method Blank ID	BLANK-113258	Analyzed	06/09/2024 05:25

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.326	3.05	2.0	0.838	42
13C-4-MoCB	3	11.973	3.20	2.0	0.982	49
13C-2,2'-DiCB	4	12.278	1.51	2.0	0.861	43
13C-4,4'-DiCB	15	19.159	1.59	2.0	1.24	62
13C-2,2',6-TrCB	19	15.965	1.03	2.0	0.852	43
13C-3,4,4'-TrCB	37	26.846	1.11	2.0	1.31	66
13C-2,2',6,6'-TeCB	54	19.482	0.80	2.0	0.613	31
13C-3,4,4',5-TeCB	81	33.938	0.81	2.0	1.67	84
13C-3,3',4,4'-TeCB	77	34.525	0.81	2.0	2.17	108
13C-2,2',4,6,6'-PeCB	104	25.515	1.54	2.0	0.781	39
13C-2,3,3',4,4'-PeCB	105	38.144	1.60	2.0	1.93	97
13C-2,3,4,4',5-PeCB	114	37.457	1.63	2.0	1.79	90
13C-2,3',4,4',5-PeCB	118	36.920	1.55	2.0	1.85	92
13C-2,3',4,4',5'-PeCB	123	36.585	1.64	2.0	1.79	89
13C-3,3',4,4',5-PeCB	126	41.296	1.60	2.0	2.33	117
13C-2,2',4,4',6,6'-HxCB	155	31.524	1.23	2.0	0.924	46
13C-HxCB(156/157)	156/157	44.370	1.31	4.0	3.48	87
13C-2,3',4,4',5,5'-HxCB	167	43.179	1.27	2.0	1.68	84
13C-3,3',4,4',5,5'-HxCB	169	47.673	1.28	2.0	2.06	103
13C-2,2',3,4',5,6,6'-HpCB	188	37.423	1.05	2.0	1.21	61
13C-2,3,3',4,4',5,5'-HpCB	189	50.207	1.13	2.0	1.75	88
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.911	0.89	2.0	1.40	70
13C-2,3,3',4,4',5,5',6-OcCB	205	52.793	0.89	2.0	1.75	88
13C-2,2',3,3',4,4',5,5',6-NoCB	206	54.539	0.82	2.0	1.82	91
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	49.690	0.78	2.0	1.68	84
13C-DeCB	209	56.134	0.73	2.0	1.98	99
CleanupStandards						
13C-2,4,4'-TrCB	28	22.514	1.06	2.0	1.25	62
13C-2,3,3',5,5'-PeCB	111	34.541	1.60	2.0	1.84	92
13C-2,2',3,3',5,5',6-HpCB	178	40.542	1.05	2.0	1.64	82
Recovery Standards						
13C-2,5-DiCB	9	14.639	1.56	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	24.494	0.76	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.756	1.58	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.106	1.25	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	52.319	0.92	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10693693002
Filename	P240609A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0195
2		---	---	ND	---	0.0195
3		---	---	ND	---	0.0195
4		12.289	1.42	0.0700 A	---	0.0428
5		---	---	ND A	---	0.0196
6		---	---	ND	---	0.0195
7		---	---	ND	---	0.0195
8		---	---	ND	---	0.0195
9		---	---	ND	---	0.0195
10		---	---	ND A	---	0.0281
11		---	---	ND	---	0.191
12	12/13	---	---	ND	---	0.0390
13	12/13	---	---	ND	---	0.0390
14		---	---	ND	---	0.0195
15		---	---	ND	---	0.0257
16		---	---	ND	---	0.0195
17		---	---	ND	---	0.0195
18	18/30	---	---	ND	---	0.0390
19		15.987	1.08	0.0432	---	0.0195
20	20/28	---	---	ND	---	0.101
21	21/33	---	---	ND	---	0.105
22		---	---	ND	---	0.0741
23		---	---	ND	---	0.0195
24		---	---	ND	---	0.0195
25		---	---	ND	---	0.0195
26	26/29	---	---	ND	---	0.0390
27		---	---	ND	---	0.0195
28	20/28	---	---	ND	---	0.101
29	26/29	---	---	ND	---	0.0390
30	18/30	---	---	ND	---	0.0390
31		---	---	ND	---	0.101
32		---	---	ND	---	0.0195
33	21/33	---	---	ND	---	0.105
34		---	---	ND	---	0.0195
35		---	---	ND	---	0.0195
36		---	---	ND	---	0.0195
37		---	---	ND	---	0.0413
38		---	---	ND	---	0.0195
39		---	---	ND	---	0.0195
40	40/41/71	---	---	ND	---	0.0585
41	40/41/71	---	---	ND	---	0.0585
42		---	---	ND	---	0.0195
43	43/73	---	---	ND	---	0.0390
44	44/47/65	25.639	0.81	0.0748	---	0.0585
45	45/51	---	---	ND	---	0.0390
46		---	---	ND	---	0.0195
47	44/47/65	25.639	0.81	(0.0748)	---	0.0585
48		---	---	ND	---	0.0195

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10693693002
Filename	P240609A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	25.051	0.78	0.0500	---	0.0390
50	50/53	---	---	ND	---	0.0390
51	45/51	---	---	ND	---	0.0390
52		---	---	ND	---	0.101
53	50/53	---	---	ND	---	0.0390
54		---	---	ND	---	0.0195
55		---	---	ND	---	0.0195
56		---	---	ND	---	0.0195
57		---	---	ND	---	0.0195
58		---	---	ND	---	0.0195
59	59/62/75	---	---	ND	---	0.0585
60		---	---	ND	---	0.0195
61	61/70/74/76	---	---	ND	---	0.0780
62	59/62/75	---	---	ND	---	0.0585
63		---	---	ND	---	0.0195
64		---	---	ND	---	0.0195
65	44/47/65	25.639	0.81	(0.0748)	---	0.0585
66		---	---	ND	---	0.0460
67		---	---	ND	---	0.0195
68		---	---	ND	---	0.0195
69	49/69	25.051	0.78	(0.0500)	---	0.0390
70	61/70/74/76	---	---	ND	---	0.0780
71	40/41/71	---	---	ND	---	0.0585
72		---	---	ND	---	0.0195
73	43/73	---	---	ND	---	0.0390
74	61/70/74/76	---	---	ND	---	0.0780
75	59/62/75	---	---	ND	---	0.0585
76	61/70/74/76	---	---	ND	---	0.0780
77		---	---	ND	---	0.0195
78		---	---	ND	---	0.0195
79		---	---	ND	---	0.0195
80		---	---	ND	---	0.0195
81		---	---	ND	---	0.0195
82		---	---	ND	---	0.0195
83		---	---	ND	---	0.0195
84		---	---	ND	---	0.0195
85	85/116/117	---	---	ND	---	0.0585
86	86/87/97/108/119/125	---	---	ND	---	0.117
87	86/87/97/108/119/125	---	---	ND	---	0.117
88	88/91	---	---	ND	---	0.0390
89		---	---	ND	---	0.0195
90	90/101/113	31.787	1.48	0.0593	---	0.0585
91	88/91	---	---	ND	---	0.0390
92		---	---	ND	---	0.0195
93	93/98/100/102	---	---	ND	---	0.0780
94		---	---	ND	---	0.0195
95		---	---	ND	---	0.0546
96		---	---	ND	---	0.0195

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10693693002
Filename	P240609A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.117
98	93/98/100/102	---	---	ND	---	0.0780
99		32.390	1.25	--- I	0.0210 UX	0.0195
100	93/98/100/102	---	---	ND	---	0.0780
101	90/101/113	31.787	1.48	(0.0593)	---	0.0585
102	93/98/100/102	---	---	ND	---	0.0780
103		---	---	ND	---	0.0195
104		---	---	ND	---	0.0195
105		---	---	ND	---	0.0195
106		---	---	ND	---	0.0195
107	107/124	---	---	ND	---	0.0390
108	86/87/97/108/119/125	---	---	ND	---	0.117
109		---	---	ND	---	0.0195
110	110/115	33.829	1.50	0.0439	---	0.0390
111		---	---	ND	---	0.0195
112		---	---	ND	---	0.0195
113	90/101/113	31.787	1.48	(0.0593)	---	0.0585
114		---	---	ND	---	0.0195
115	110/115	33.829	1.50	(0.0439)	---	0.0390
116	85/116/117	---	---	ND	---	0.0585
117	85/116/117	---	---	ND	---	0.0585
118		---	---	ND	---	0.0304
119	86/87/97/108/119/125	---	---	ND	---	0.117
120		---	---	ND	---	0.0195
121		---	---	ND	---	0.0195
122		---	---	ND	---	0.0195
123		---	---	ND	---	0.0195
124	107/124	---	---	ND	---	0.0390
125	86/87/97/108/119/125	---	---	ND	---	0.117
126		---	---	ND	---	0.0195
127		---	---	ND	---	0.0195
128	128/166	---	---	ND	---	0.0390
129	129/138/163	40.139	1.14	0.0778	---	0.0585
130		---	---	ND	---	0.0195
131		---	---	ND	---	0.0195
132		---	---	ND	---	0.0195
133		---	---	ND	---	0.0195
134	134/143	---	---	ND	---	0.0390
135	135/151	34.773	1.16	0.0509	---	0.0390
136		---	---	ND	---	0.0195
137		---	---	ND	---	0.0195
138	129/138/163	40.139	1.14	(0.0778)	---	0.0585
139	139/140	---	---	ND	---	0.0390
140	139/140	---	---	ND	---	0.0390
141		---	---	ND	---	0.0195
142		---	---	ND	---	0.0195
143	134/143	---	---	ND	---	0.0390
144		---	---	ND	---	0.0195

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10693693002
Filename	P240609A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0195
146		---	---	ND	---	0.0195
147	147/149	35.746	1.18	0.0697	---	0.0390
148		---	---	ND	---	0.0195
149	147/149	35.746	1.18	(0.0697)	---	0.0390
150		---	---	ND	---	0.0195
151	135/151	34.773	1.16	(0.0509)	---	0.0390
152		---	---	ND	---	0.0195
153	153/168	38.848	1.20	0.0786	---	0.0390
154		---	---	ND	---	0.0195
155		---	---	ND	---	0.0195
156	156/157	---	---	ND	---	0.0390
157	156/157	---	---	ND	---	0.0390
158		---	---	ND	---	0.0195
159		---	---	ND	---	0.0195
160		---	---	ND	---	0.0195
161		---	---	ND	---	0.0195
162		---	---	ND	---	0.0195
163	129/138/163	40.139	1.14	(0.0778)	---	0.0585
164		---	---	ND	---	0.0195
165		---	---	ND	---	0.0195
166	128/166	---	---	ND	---	0.0390
167		---	---	ND	---	0.0195
168	153/168	38.848	1.20	(0.0786)	---	0.0390
169		---	---	ND	---	0.0195
170		---	---	ND	---	0.0195
171	171/173	---	---	ND	---	0.0390
172		---	---	ND	---	0.0195
173	171/173	---	---	ND	---	0.0390
174		42.408	1.11	0.0209	---	0.0195
175		---	---	ND	---	0.0195
176		---	---	ND	---	0.0195
177		---	---	ND	---	0.0195
178		---	---	ND	---	0.0195
179		---	---	ND	---	0.0195
180	180/193	---	---	ND	---	0.0390
181		---	---	ND	---	0.0195
182		---	---	ND	---	0.0195
183	183/185	---	---	ND	---	0.0390
184		---	---	ND	---	0.0195
185	183/185	---	---	ND	---	0.0390
186		---	---	ND	---	0.0195
187		41.481	1.03	0.0368	---	0.0195
188		---	---	ND	---	0.0195
189		---	---	ND	---	0.0195
190		---	---	ND	---	0.0195
191		---	---	ND	---	0.0195
192		---	---	ND	---	0.0195

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10693693002
Filename	P240609A_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	---	---	ND	---	0.0390
194		---	---	ND	---	0.0195
195		---	---	ND	---	0.0195
196		---	---	ND	---	0.0195
197	197/200	---	---	ND	---	0.0390
198	198/199	---	---	ND	---	0.0390
199	198/199	---	---	ND	---	0.0390
200	197/200	---	---	ND	---	0.0390
201		---	---	ND	---	0.0195
202		---	---	ND	---	0.0195
203		---	---	ND	---	0.0195
204		---	---	ND	---	0.0195
205		---	---	ND	---	0.0195
206		---	---	ND	---	0.0195
207		---	---	ND	---	0.0195
208		---	---	ND	---	0.0195
209		---	---	ND	---	0.0195

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10693693002
Filename	P240609A_05

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.0700
Total Trichloro Biphenyls	0.0432
Total Tetrachloro Biphenyls	0.125
Total Pentachloro Biphenyls	0.103
Total Hexachloro Biphenyls	0.277
Total Heptachloro Biphenyls	0.0577
Total Octachloro Biphenyls	ND
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	0.676

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Shepaug Dam		
Lab Sample ID	10693693003		
Filename	P240609A_06		
Injected By	JRH		
Total Amount Extracted	1720 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	05/13/2024 15:45
ICAL ID	P240609A02	Received	05/21/2024 09:45
CCal Filename(s)	P240609A_01	Extracted	06/04/2024 14:00
Method Blank ID	BLANK-113258	Analyzed	06/09/2024 06:25

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.372	3.03	2.0	0.907	45
13C-4-MoCB	3	12.007	3.14	2.0	1.05	53
13C-2,2'-DiCB	4	12.300	1.53	2.0	0.938	47
13C-4,4'-DiCB	15	19.170	1.59	2.0	1.36	68
13C-2,2',6-TrCB	19	15.976	1.07	2.0	0.970	48
13C-3,4,4'-TrCB	37	26.845	1.08	2.0	1.40	70
13C-2,2',6,6'-TeCB	54	19.497	0.81	2.0	0.716	36
13C-3,4,4',5-TeCB	81	33.937	0.79	2.0	1.76	88
13C-3,3',4,4'-TeCB	77	34.540	0.81	2.0	2.25	112
13C-2,2',4,6,6'-PeCB	104	25.530	1.54	2.0	1.08	54
13C-2,3,3',4,4'-PeCB	105	38.143	1.67	2.0	2.10	105
13C-2,3,4,4',5-PeCB	114	37.472	1.63	2.0	1.89	95
13C-2,3',4,4',5-PeCB	118	36.919	1.57	2.0	1.96	98
13C-2,3',4,4',5'-PeCB	123	36.584	1.58	2.0	1.90	95
13C-3,3',4,4',5-PeCB	126	41.312	1.61	2.0	2.42	121
13C-2,2',4,4',6,6'-HxCB	155	31.523	1.25	2.0	1.13	57
13C-HxCB(156/157)	156/157	44.386	1.31	4.0	3.53	88
13C-2,3',4,4',5,5'-HxCB	167	43.196	1.31	2.0	1.71	86
13C-3,3',4,4',5,5'-HxCB	169	47.673	1.28	2.0	2.02	101
13C-2,2',3,4',5,6,6'-HpCB	188	37.439	1.01	2.0	1.30	65
13C-2,3,3',4,4',5,5'-HpCB	189	50.229	1.09	2.0	1.81	91
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.928	0.89	2.0	1.44	72
13C-2,3,3',4,4',5,5',6-OcCB	205	52.815	0.86	2.0	1.77	88
13C-2,2',3,3',4,4',5,5',6-NoCB	206	54.539	0.79	2.0	1.80	90
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	49.690	0.79	2.0	1.70	85
13C-DeCB	209	56.155	0.72	2.0	1.94	97
CleanupStandards						
13C-2,4,4'-TrCB	28	22.514	1.12	2.0	1.28	64
13C-2,3,3',5,5'-PeCB	111	34.556	1.57	2.0	1.99	99
13C-2,2',3,3',5,5',6-HpCB	178	40.558	1.05	2.0	1.76	88
Recovery Standards						
13C-2,5-DiCB	9	14.661	1.64	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	24.509	0.77	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.756	1.58	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.122	1.28	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	52.319	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10693693003
Filename	P240609A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0233
2		---	---	ND	---	0.0233
3		---	---	ND	---	0.0233
4		12.323	1.51	0.0848 A	---	0.0267
5		---	---	ND	---	0.0233
6		---	---	ND	---	0.0233
7		---	---	ND	---	0.0233
8		---	---	ND	---	0.0233
9		---	---	ND	---	0.0233
10		---	---	ND	---	0.0233
11		---	---	ND	---	0.228
12	12/13	---	---	ND	---	0.0466
13	12/13	---	---	ND	---	0.0466
14		---	---	ND	---	0.0233
15		---	---	ND	---	0.0307
16		---	---	ND	---	0.0233
17		18.607	1.03	0.0247	---	0.0233
18	18/30	---	---	ND	---	0.0466
19		16.009	1.06	0.0483	---	0.0233
20	20/28	---	---	ND	---	0.120
21	21/33	---	---	ND	---	0.126
22		---	---	ND	---	0.0885
23		---	---	ND	---	0.0233
24		---	---	ND	---	0.0233
25		---	---	ND	---	0.0233
26	26/29	---	---	ND	---	0.0466
27		---	---	ND	---	0.0233
28	20/28	---	---	ND	---	0.120
29	26/29	---	---	ND	---	0.0466
30	18/30	---	---	ND	---	0.0466
31		---	---	ND	---	0.121
32		---	---	ND	---	0.0233
33	21/33	---	---	ND	---	0.126
34		---	---	ND	---	0.0233
35		---	---	ND	---	0.0233
36		---	---	ND	---	0.0233
37		---	---	ND	---	0.0494
38		---	---	ND	---	0.0233
39		---	---	ND	---	0.0233
40	40/41/71	---	---	ND	---	0.0699
41	40/41/71	---	---	ND	---	0.0699
42		---	---	ND	---	0.0233
43	43/73	---	---	ND	---	0.0466
44	44/47/65	25.654	0.78	0.110	---	0.0699
45	45/51	---	---	ND	---	0.0466
46		---	---	ND	---	0.0233
47	44/47/65	25.654	0.78	(0.110)	---	0.0699
48		---	---	ND	---	0.0233

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10693693003
Filename	P240609A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	25.051	0.72	0.0702	---	0.0466
50	50/53	---	---	ND	---	0.0466
51	45/51	---	---	ND	---	0.0466
52		---	---	ND	---	0.120
53	50/53	---	---	ND	---	0.0466
54		---	---	ND	---	0.0233
55		---	---	ND	---	0.0233
56		---	---	ND	---	0.0233
57		---	---	ND	---	0.0233
58		---	---	ND	---	0.0233
59	59/62/75	---	---	ND	---	0.0699
60		---	---	ND	---	0.0233
61	61/70/74/76	---	---	ND	---	0.0931
62	59/62/75	---	---	ND	---	0.0699
63		---	---	ND	---	0.0233
64		---	---	ND	---	0.0233
65	44/47/65	25.654	0.78	(0.110)	---	0.0699
66		---	---	ND	---	0.0550
67		---	---	ND	---	0.0233
68		---	---	ND	---	0.0233
69	49/69	25.051	0.72	(0.0702)	---	0.0466
70	61/70/74/76	---	---	ND	---	0.0931
71	40/41/71	---	---	ND	---	0.0699
72		---	---	ND	---	0.0233
73	43/73	---	---	ND	---	0.0466
74	61/70/74/76	---	---	ND	---	0.0931
75	59/62/75	---	---	ND	---	0.0699
76	61/70/74/76	---	---	ND	---	0.0931
77		---	---	ND	---	0.0233
78		---	---	ND	---	0.0233
79		---	---	ND	---	0.0233
80		---	---	ND	---	0.0233
81		---	---	ND	---	0.0233
82		---	---	ND	---	0.0233
83		---	---	ND	---	0.0233
84		---	---	ND	---	0.0233
85	85/116/117	---	---	ND	---	0.0699
86	86/87/97/108/119/125	---	---	ND	---	0.140
87	86/87/97/108/119/125	---	---	ND	---	0.140
88	88/91	---	---	ND	---	0.0466
89		---	---	ND	---	0.0233
90	90/101/113	31.787	1.48	0.116	---	0.0699
91	88/91	---	---	ND	---	0.0466
92		31.183	1.88	--- I	0.0268 UX	0.0233
93	93/98/100/102	---	---	ND	---	0.0931
94		---	---	ND	---	0.0233
95		28.692	1.50	0.0770	---	0.0652
96		---	---	ND	---	0.0233

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Shepaug Dam
Lab Sample ID 10693693003
Filename P240609A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.140
98	93/98/100/102	---	---	ND	---	0.0931
99		32.405	1.43	0.0480	---	0.0233
100	93/98/100/102	---	---	ND	---	0.0931
101	90/101/113	31.787	1.48	(0.116)	---	0.0699
102	93/98/100/102	---	---	ND	---	0.0931
103		---	---	ND	---	0.0233
104		---	---	ND	---	0.0233
105		38.177	1.56	0.0302	---	0.0233
106		---	---	ND	---	0.0233
107	107/124	---	---	ND	---	0.0466
108	86/87/97/108/119/125	---	---	ND	---	0.140
109		---	---	ND	---	0.0233
110	110/115	33.844	1.51	0.110	---	0.0466
111		---	---	ND	---	0.0233
112		---	---	ND	---	0.0233
113	90/101/113	31.787	1.48	(0.116)	---	0.0699
114		---	---	ND	---	0.0233
115	110/115	33.844	1.51	(0.110)	---	0.0466
116	85/116/117	---	---	ND	---	0.0699
117	85/116/117	---	---	ND	---	0.0699
118		36.936	1.56	0.0719	---	0.0363
119	86/87/97/108/119/125	---	---	ND	---	0.140
120		---	---	ND	---	0.0233
121		---	---	ND	---	0.0233
122		---	---	ND	---	0.0233
123		---	---	ND	---	0.0233
124	107/124	---	---	ND	---	0.0466
125	86/87/97/108/119/125	---	---	ND	---	0.140
126		---	---	ND	---	0.0233
127		---	---	ND	---	0.0233
128	128/166	---	---	ND	---	0.0466
129	129/138/163	40.155	1.33	0.202	---	0.0699
130		---	---	ND	---	0.0233
131		---	---	ND	---	0.0233
132		37.070	1.19	0.0433	---	0.0233
133		---	---	ND	---	0.0233
134	134/143	---	---	ND	---	0.0466
135	135/151	34.787	1.40	0.100	---	0.0466
136		---	---	ND	---	0.0233
137		---	---	ND	---	0.0233
138	129/138/163	40.155	1.33	(0.202)	---	0.0699
139	139/140	---	---	ND	---	0.0466
140	139/140	---	---	ND	---	0.0466
141		39.065	1.21	0.0306	---	0.0233
142		---	---	ND	---	0.0233
143	134/143	---	---	ND	---	0.0466
144		---	---	ND	---	0.0233

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10693693003
Filename	P240609A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0233
146		38.227	1.36	0.0363	---	0.0233
147	147/149	35.762	1.28	0.157	---	0.0466
148		---	---	ND	---	0.0233
149	147/149	35.762	1.28	(0.157)	---	0.0466
150		---	---	ND	---	0.0233
151	135/151	34.787	1.40	(0.100)	---	0.0466
152		---	---	ND	---	0.0233
153	153/168	38.847	1.29	0.183	---	0.0466
154		---	---	ND	---	0.0233
155		---	---	ND	---	0.0233
156	156/157	---	---	ND	---	0.0466
157	156/157	---	---	ND	---	0.0466
158		---	---	ND	---	0.0233
159		---	---	ND	---	0.0233
160		---	---	ND	---	0.0233
161		---	---	ND	---	0.0233
162		---	---	ND	---	0.0233
163	129/138/163	40.155	1.33	(0.202)	---	0.0699
164		---	---	ND	---	0.0233
165		---	---	ND	---	0.0233
166	128/166	---	---	ND	---	0.0466
167		---	---	ND	---	0.0233
168	153/168	38.847	1.29	(0.183)	---	0.0466
169		---	---	ND	---	0.0233
170		47.086	1.06	0.0461	---	0.0233
171	171/173	---	---	ND	---	0.0466
172		---	---	ND	---	0.0233
173	171/173	---	---	ND	---	0.0466
174		42.391	0.96	0.0491	---	0.0233
175		---	---	ND	---	0.0233
176		---	---	ND	---	0.0233
177		42.844	1.00	0.0343	---	0.0233
178		---	---	ND	---	0.0233
179		37.825	0.94	0.0274	---	0.0233
180	180/193	45.795	1.10	0.101	---	0.0466
181		---	---	ND	---	0.0233
182		---	---	ND	---	0.0233
183	183/185	---	---	ND	---	0.0466
184		---	---	ND	---	0.0233
185	183/185	---	---	ND	---	0.0466
186		---	---	ND	---	0.0233
187		41.514	1.07	0.0870	---	0.0233
188		---	---	ND	---	0.0233
189		---	---	ND	---	0.0233
190		---	---	ND	---	0.0233
191		---	---	ND	---	0.0233
192		---	---	ND	---	0.0233

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10693693003
Filename	P240609A_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.795	1.10	(0.101)	---	0.0466
194		---	---	ND	---	0.0233
195		---	---	ND	---	0.0233
196		---	---	ND	---	0.0233
197	197/200	---	---	ND	---	0.0466
198	198/199	---	---	ND	---	0.0466
199	198/199	---	---	ND	---	0.0466
200	197/200	---	---	ND	---	0.0466
201		---	---	ND	---	0.0233
202		---	---	ND	---	0.0233
203		---	---	ND	---	0.0233
204		---	---	ND	---	0.0233
205		---	---	ND	---	0.0233
206		---	---	ND	---	0.0233
207		---	---	ND	---	0.0233
208		---	---	ND	---	0.0233
209		---	---	ND	---	0.0233

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10693693003
Filename	P240609A_06

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.0848
Total Trichloro Biphenyls	0.0730
Total Tetrachloro Biphenyls	0.180
Total Pentachloro Biphenyls	0.454
Total Hexachloro Biphenyls	0.752
Total Heptachloro Biphenyls	0.345
Total Octachloro Biphenyls	ND
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	1.89

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	HR-EB1		
Lab Sample ID	10693693004		
Filename	P240609A_07		
Injected By	JRH		
Total Amount Extracted	1800 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	05/15/2024 12:00
ICAL ID	P240609A02	Received	05/21/2024 09:45
CCal Filename(s)	P240609A_01	Extracted	06/04/2024 14:00
Method Blank ID	BLANK-113258	Analyzed	06/09/2024 07:25

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.372	3.24	2.0	1.29	64
13C-4-MoCB	3	12.007	3.11	2.0	1.49	74
13C-2,2'-DiCB	4	12.301	1.53	2.0	1.34	67
13C-4,4'-DiCB	15	19.172	1.66	2.0	1.76	88
13C-2,2',6-TrCB	19	15.988	1.03	2.0	1.37	69
13C-3,4,4'-TrCB	37	26.848	1.10	2.0	1.50	75
13C-2,2',6,6'-TeCB	54	19.499	0.80	2.0	1.04	52
13C-3,4,4',5-TeCB	81	33.941	0.81	2.0	1.80	90
13C-3,3',4,4'-TeCB	77	34.529	0.79	2.0	2.32	116
13C-2,2',4,6,6'-PeCB	104	25.517	1.56	2.0	1.46	73
13C-2,3,3',4,4'-PeCB	105	38.131	1.57	2.0	2.19	109
13C-2,3,4,4',5-PeCB	114	37.460	1.65	2.0	1.99	100
13C-2,3',4,4',5-PeCB	118	36.924	1.64	2.0	2.05	103
13C-2,3',4,4',5'-PeCB	123	36.572	1.57	2.0	1.96	98
13C-3,3',4,4',5-PeCB	126	41.300	1.64	2.0	2.48	124
13C-2,2',4,4',6,6'-HxCB	155	31.512	1.24	2.0	1.31	65
13C-HxCB(156/157)	156/157	44.391	1.28	4.0	3.53	88
13C-2,3',4,4',5,5'-HxCB	167	43.184	1.28	2.0	1.74	87
13C-3,3',4,4',5,5'-HxCB	169	47.661	1.29	2.0	2.00	100
13C-2,2',3,4',5,6,6'-HpCB	188	37.427	1.02	2.0	1.34	67
13C-2,3,3',4,4',5,5'-HpCB	189	50.217	1.10	2.0	1.80	90
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.916	0.90	2.0	1.47	73
13C-2,3,3',4,4',5,5',6-OcCB	205	52.804	0.89	2.0	1.69	84
13C-2,2',3,3',4,4',5,5',6-NoCB	206	54.549	0.79	2.0	1.75	88
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	49.700	0.80	2.0	1.71	85
13C-DeCB	209	56.145	0.72	2.0	1.83	91
CleanupStandards						
13C-2,4,4'-TrCB	28	22.516	1.05	2.0	1.26	63
13C-2,3,3',5,5'-PeCB	111	34.544	1.54	2.0	2.02	101
13C-2,2',3,3',5,5',6-HpCB	178	40.563	1.03	2.0	1.76	88
Recovery Standards						
13C-2,5-DiCB	9	14.662	1.59	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	24.496	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.759	1.61	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.110	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	52.329	0.93	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	HR-EB1
Lab Sample ID	10693693004
Filename	P240609A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0222
2		---	---	ND	---	0.0222
3		---	---	ND	---	0.0222
4		---	---	ND	---	0.0222
5		---	---	ND	---	0.0222
6		---	---	ND	---	0.0222
7		---	---	ND	---	0.0222
8		---	---	ND	---	0.0222
9		---	---	ND	---	0.0222
10		---	---	ND	---	0.0222
11		---	---	ND	---	0.217
12	12/13	---	---	ND	---	0.0443
13	12/13	---	---	ND	---	0.0443
14		---	---	ND	---	0.0222
15		---	---	ND	---	0.0293
16		---	---	ND	---	0.0222
17		---	---	ND	---	0.0222
18	18/30	---	---	ND	---	0.0443
19		---	---	ND	---	0.0222
20	20/28	---	---	ND	---	0.114
21	21/33	---	---	ND	---	0.120
22		---	---	ND	---	0.0842
23		---	---	ND	---	0.0222
24		---	---	ND	---	0.0222
25		---	---	ND	---	0.0222
26	26/29	---	---	ND	---	0.0443
27		---	---	ND	---	0.0222
28	20/28	---	---	ND	---	0.114
29	26/29	---	---	ND	---	0.0443
30	18/30	---	---	ND	---	0.0443
31		---	---	ND	---	0.115
32		---	---	ND	---	0.0222
33	21/33	---	---	ND	---	0.120
34		---	---	ND	---	0.0222
35		---	---	ND	---	0.0222
36		---	---	ND	---	0.0222
37		---	---	ND	---	0.0470
38		---	---	ND	---	0.0222
39		---	---	ND	---	0.0222
40	40/41/71	---	---	ND	---	0.0665
41	40/41/71	---	---	ND	---	0.0665
42		---	---	ND	---	0.0222
43	43/73	---	---	ND	---	0.0443
44	44/47/65	---	---	ND	---	0.0665
45	45/51	---	---	ND	---	0.0443
46		---	---	ND	---	0.0222
47	44/47/65	---	---	ND	---	0.0665
48		---	---	ND	---	0.0222

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-EB1
Lab Sample ID	10693693004
Filename	P240609A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	---	---	ND	---	0.0443
50	50/53	---	---	ND	---	0.0443
51	45/51	---	---	ND	---	0.0443
52		---	---	ND	---	0.114
53	50/53	---	---	ND	---	0.0443
54		---	---	ND	---	0.0222
55		---	---	ND	---	0.0222
56		---	---	ND	---	0.0222
57		---	---	ND	---	0.0222
58		---	---	ND	---	0.0222
59	59/62/75	---	---	ND	---	0.0665
60		---	---	ND	---	0.0222
61	61/70/74/76	---	---	ND	---	0.0887
62	59/62/75	---	---	ND	---	0.0665
63		---	---	ND	---	0.0222
64		---	---	ND	---	0.0222
65	44/47/65	---	---	ND	---	0.0665
66		---	---	ND	---	0.0523
67		---	---	ND	---	0.0222
68		---	---	ND	---	0.0222
69	49/69	---	---	ND	---	0.0443
70	61/70/74/76	---	---	ND	---	0.0887
71	40/41/71	---	---	ND	---	0.0665
72		---	---	ND	---	0.0222
73	43/73	---	---	ND	---	0.0443
74	61/70/74/76	---	---	ND	---	0.0887
75	59/62/75	---	---	ND	---	0.0665
76	61/70/74/76	---	---	ND	---	0.0887
77		---	---	ND	---	0.0222
78		---	---	ND	---	0.0222
79		---	---	ND	---	0.0222
80		---	---	ND	---	0.0222
81		---	---	ND	---	0.0222
82		---	---	ND	---	0.0222
83		---	---	ND	---	0.0222
84		---	---	ND	---	0.0222
85	85/116/117	---	---	ND	---	0.0665
86	86/87/97/108/119/125	---	---	ND	---	0.133
87	86/87/97/108/119/125	---	---	ND	---	0.133
88	88/91	---	---	ND	---	0.0443
89		---	---	ND	---	0.0222
90	90/101/113	---	---	ND	---	0.0665
91	88/91	---	---	ND	---	0.0443
92		---	---	ND	---	0.0222
93	93/98/100/102	---	---	ND	---	0.0887
94		---	---	ND	---	0.0222
95		---	---	ND	---	0.0621
96		---	---	ND	---	0.0222

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID HR-EB1
Lab Sample ID 10693693004
Filename P240609A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.133
98	93/98/100/102	---	---	ND	---	0.0887
99		---	---	ND	---	0.0222
100	93/98/100/102	---	---	ND	---	0.0887
101	90/101/113	---	---	ND	---	0.0665
102	93/98/100/102	---	---	ND	---	0.0887
103		---	---	ND	---	0.0222
104		---	---	ND	---	0.0222
105		---	---	ND	---	0.0222
106		---	---	ND	---	0.0222
107	107/124	---	---	ND	---	0.0443
108	86/87/97/108/119/125	---	---	ND	---	0.133
109		---	---	ND	---	0.0222
110	110/115	---	---	ND	---	0.0443
111		---	---	ND	---	0.0222
112		---	---	ND	---	0.0222
113	90/101/113	---	---	ND	---	0.0665
114		---	---	ND	---	0.0222
115	110/115	---	---	ND	---	0.0443
116	85/116/117	---	---	ND	---	0.0665
117	85/116/117	---	---	ND	---	0.0665
118		---	---	ND	---	0.0346
119	86/87/97/108/119/125	---	---	ND	---	0.133
120		---	---	ND	---	0.0222
121		---	---	ND	---	0.0222
122		---	---	ND	---	0.0222
123		---	---	ND	---	0.0222
124	107/124	---	---	ND	---	0.0443
125	86/87/97/108/119/125	---	---	ND	---	0.133
126		---	---	ND	---	0.0222
127		---	---	ND	---	0.0222
128	128/166	---	---	ND	---	0.0443
129	129/138/163	---	---	ND	---	0.0665
130		---	---	ND	---	0.0222
131		---	---	ND	---	0.0222
132		---	---	ND	---	0.0222
133		---	---	ND	---	0.0222
134	134/143	---	---	ND	---	0.0443
135	135/151	---	---	ND	---	0.0443
136		---	---	ND	---	0.0222
137		---	---	ND	---	0.0222
138	129/138/163	---	---	ND	---	0.0665
139	139/140	---	---	ND	---	0.0443
140	139/140	---	---	ND	---	0.0443
141		---	---	ND	---	0.0222
142		---	---	ND	---	0.0222
143	134/143	---	---	ND	---	0.0443
144		---	---	ND	---	0.0222

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-EB1
Lab Sample ID	10693693004
Filename	P240609A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0222
146		---	---	ND	---	0.0222
147	147/149	---	---	ND	---	0.0443
148		---	---	ND	---	0.0222
149	147/149	---	---	ND	---	0.0443
150		---	---	ND	---	0.0222
151	135/151	---	---	ND	---	0.0443
152		---	---	ND	---	0.0222
153	153/168	---	---	ND	---	0.0443
154		---	---	ND	---	0.0222
155		---	---	ND	---	0.0222
156	156/157	---	---	ND	---	0.0443
157	156/157	---	---	ND	---	0.0443
158		---	---	ND	---	0.0222
159		---	---	ND	---	0.0222
160		---	---	ND	---	0.0222
161		---	---	ND	---	0.0222
162		---	---	ND	---	0.0222
163	129/138/163	---	---	ND	---	0.0665
164		---	---	ND	---	0.0222
165		---	---	ND	---	0.0222
166	128/166	---	---	ND	---	0.0443
167		---	---	ND	---	0.0222
168	153/168	---	---	ND	---	0.0443
169		---	---	ND	---	0.0222
170		---	---	ND	---	0.0222
171	171/173	---	---	ND	---	0.0443
172		---	---	ND	---	0.0222
173	171/173	---	---	ND	---	0.0443
174		---	---	ND	---	0.0222
175		---	---	ND	---	0.0222
176		---	---	ND	---	0.0222
177		---	---	ND	---	0.0222
178		---	---	ND	---	0.0222
179		---	---	ND	---	0.0222
180	180/193	---	---	ND	---	0.0443
181		---	---	ND	---	0.0222
182		---	---	ND	---	0.0222
183	183/185	---	---	ND	---	0.0443
184		---	---	ND	---	0.0222
185	183/185	---	---	ND	---	0.0443
186		---	---	ND	---	0.0222
187		---	---	ND	---	0.0222
188		---	---	ND	---	0.0222
189		---	---	ND	---	0.0222
190		---	---	ND	---	0.0222
191		---	---	ND	---	0.0222
192		---	---	ND	---	0.0222

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-EB1
Lab Sample ID	10693693004
Filename	P240609A_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	---	---	ND	---	0.0443
194		---	---	ND	---	0.0222
195		---	---	ND	---	0.0222
196		---	---	ND	---	0.0222
197	197/200	---	---	ND	---	0.0443
198	198/199	---	---	ND	---	0.0443
199	198/199	---	---	ND	---	0.0443
200	197/200	---	---	ND	---	0.0443
201		---	---	ND	---	0.0222
202		---	---	ND	---	0.0222
203		---	---	ND	---	0.0222
204		---	---	ND	---	0.0222
205		---	---	ND	---	0.0222
206		---	---	ND	---	0.0222
207		---	---	ND	---	0.0222
208		---	---	ND	---	0.0222
209		---	---	ND	---	0.0222

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	HR-EB1
Lab Sample ID	10693693004
Filename	P240609A_07

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	ND
Total Trichloro Biphenyls	ND
Total Tetrachloro Biphenyls	ND
Total Pentachloro Biphenyls	ND
Total Hexachloro Biphenyls	ND
Total Heptachloro Biphenyls	ND
Total Octachloro Biphenyls	ND
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	ND

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rt.202 Bridge		
Lab Sample ID	10693693005		
Filename	P240609A_08		
Injected By	JRH		
Total Amount Extracted	1700 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	05/14/2024 14:40
ICAL ID	P240609A02	Received	05/21/2024 09:45
CCal Filename(s)	P240609A_01	Extracted	06/04/2024 14:00
Method Blank ID	BLANK-113258	Analyzed	06/09/2024 08:25

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.406	3.21	2.0	0.994	50
13C-4-MoCB	3	12.029	3.13	2.0	1.16	58
13C-2,2'-DiCB	4	12.323	1.54	2.0	1.08	54
13C-4,4'-DiCB	15	19.181	1.60	2.0	1.57	78
13C-2,2',6-TrCB	19	15.998	1.03	2.0	1.14	57
13C-3,4,4'-TrCB	37	26.861	1.11	2.0	1.37	68
13C-2,2',6,6'-TeCB	54	19.513	0.78	2.0	0.863	43
13C-3,4,4',5-TeCB	81	33.952	0.81	2.0	1.74	87
13C-3,3',4,4'-TeCB	77	34.540	0.82	2.0	2.21	111
13C-2,2',4,6,6'-PeCB	104	25.515	1.56	2.0	1.29	65
13C-2,3,3',4,4'-PeCB	105	38.144	1.60	2.0	2.06	103
13C-2,3,4,4',5-PeCB	114	37.473	1.61	2.0	1.88	94
13C-2,3',4,4',5-PeCB	118	36.936	1.59	2.0	1.89	94
13C-2,3',4,4',5'-PeCB	123	36.584	1.58	2.0	1.80	90
13C-3,3',4,4',5-PeCB	126	41.313	1.65	2.0	2.37	119
13C-2,2',4,4',6,6'-HxCB	155	31.524	1.21	2.0	1.27	63
13C-HxCB(156/157)	156/157	44.370	1.30	4.0	3.54	88
13C-2,3',4,4',5,5'-HxCB	167	43.197	1.31	2.0	1.71	85
13C-3,3',4,4',5,5'-HxCB	169	47.674	1.30	2.0	1.99	100
13C-2,2',3,4',5,6,6'-HpCB	188	37.439	1.05	2.0	1.26	63
13C-2,3,3',4,4',5,5'-HpCB	189	50.235	1.08	2.0	1.68	84
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.929	0.89	2.0	1.41	70
13C-2,3,3',4,4',5,5',6-OcCB	205	52.800	0.91	2.0	1.59	79
13C-2,2',3,3',4,4',5,5',6-NoCB	206	54.546	0.79	2.0	1.64	82
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	49.718	0.77	2.0	1.61	80
13C-DeCB	209	56.163	0.70	2.0	1.62	81
CleanupStandards						
13C-2,4,4'-TrCB	28	22.529	1.08	2.0	1.13	56
13C-2,3,3',5,5'-PeCB	111	34.556	1.54	2.0	1.91	96
13C-2,2',3,3',5,5',6-HpCB	178	40.559	1.03	2.0	1.69	84
Recovery Standards						
13C-2,5-DiCB	9	14.672	1.59	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	24.509	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.771	1.56	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.123	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	52.348	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt.202 Bridge
Lab Sample ID	10693693005
Filename	P240609A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0235
2		---	---	ND	---	0.0235
3		---	---	ND	---	0.0235
4		12.346	1.68	0.0451	---	0.0235
5		---	---	ND	---	0.0235
6		---	---	ND	---	0.0235
7		---	---	ND	---	0.0235
8		---	---	ND	---	0.0235
9		---	---	ND	---	0.0235
10		---	---	ND	---	0.0235
11		---	---	ND	---	0.230
12	12/13	---	---	ND	---	0.0470
13	12/13	---	---	ND	---	0.0470
14		---	---	ND	---	0.0235
15		---	---	ND	---	0.0310
16		---	---	ND	---	0.0235
17		---	---	ND	---	0.0235
18	18/30	---	---	ND	---	0.0470
19		16.031	1.06	0.0378	---	0.0235
20	20/28	---	---	ND	---	0.121
21	21/33	---	---	ND	---	0.127
22		---	---	ND	---	0.0892
23		---	---	ND	---	0.0235
24		---	---	ND	---	0.0235
25		---	---	ND	---	0.0235
26	26/29	---	---	ND	---	0.0470
27		---	---	ND	---	0.0235
28	20/28	---	---	ND	---	0.121
29	26/29	---	---	ND	---	0.0470
30	18/30	---	---	ND	---	0.0470
31		---	---	ND	---	0.122
32		---	---	ND	---	0.0235
33	21/33	---	---	ND	---	0.127
34		---	---	ND	---	0.0235
35		---	---	ND	---	0.0235
36		---	---	ND	---	0.0235
37		---	---	ND	---	0.0498
38		---	---	ND	---	0.0235
39		---	---	ND	---	0.0235
40	40/41/71	---	---	ND	---	0.0704
41	40/41/71	---	---	ND	---	0.0704
42		---	---	ND	---	0.0235
43	43/73	---	---	ND	---	0.0470
44	44/47/65	25.654	0.78	0.1000	---	0.0704
45	45/51	---	---	ND	---	0.0470
46		---	---	ND	---	0.0235
47	44/47/65	25.654	0.78	(0.1000)	---	0.0704
48		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt.202 Bridge
Lab Sample ID	10693693005
Filename	P240609A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	25.066	0.79	0.0622	---	0.0470
50	50/53	---	---	ND	---	0.0470
51	45/51	---	---	ND	---	0.0470
52		---	---	ND	---	0.121
53	50/53	---	---	ND	---	0.0470
54		---	---	ND	---	0.0235
55		---	---	ND	---	0.0235
56		---	---	ND	---	0.0235
57		---	---	ND	---	0.0235
58		---	---	ND	---	0.0235
59	59/62/75	---	---	ND	---	0.0704
60		---	---	ND	---	0.0235
61	61/70/74/76	---	---	ND	---	0.0939
62	59/62/75	---	---	ND	---	0.0704
63		---	---	ND	---	0.0235
64		---	---	ND	---	0.0235
65	44/47/65	25.654	0.78	(0.1000)	---	0.0704
66		---	---	ND	---	0.0554
67		---	---	ND	---	0.0235
68		---	---	ND	---	0.0235
69	49/69	25.066	0.79	(0.0622)	---	0.0470
70	61/70/74/76	---	---	ND	---	0.0939
71	40/41/71	---	---	ND	---	0.0704
72		---	---	ND	---	0.0235
73	43/73	---	---	ND	---	0.0470
74	61/70/74/76	---	---	ND	---	0.0939
75	59/62/75	---	---	ND	---	0.0704
76	61/70/74/76	---	---	ND	---	0.0939
77		---	---	ND	---	0.0235
78		---	---	ND	---	0.0235
79		---	---	ND	---	0.0235
80		---	---	ND	---	0.0235
81		---	---	ND	---	0.0235
82		---	---	ND	---	0.0235
83		---	---	ND	---	0.0235
84		---	---	ND	---	0.0235
85	85/116/117	---	---	ND	---	0.0704
86	86/87/97/108/119/125	---	---	ND	---	0.141
87	86/87/97/108/119/125	---	---	ND	---	0.141
88	88/91	---	---	ND	---	0.0470
89		---	---	ND	---	0.0235
90	90/101/113	31.787	1.49	0.0884	---	0.0704
91	88/91	---	---	ND	---	0.0470
92		31.183	1.59	0.0269	---	0.0235
93	93/98/100/102	---	---	ND	---	0.0939
94		---	---	ND	---	0.0235
95		---	---	ND	---	0.0657
96		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt.202 Bridge
Lab Sample ID	10693693005
Filename	P240609A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.141
98	93/98/100/102	---	---	ND	---	0.0939
99		32.390	1.47	0.0400	---	0.0235
100	93/98/100/102	---	---	ND	---	0.0939
101	90/101/113	31.787	1.49	(0.0884)	---	0.0704
102	93/98/100/102	---	---	ND	---	0.0939
103		---	---	ND	---	0.0235
104		---	---	ND	---	0.0235
105		---	---	ND	---	0.0235
106		---	---	ND	---	0.0235
107	107/124	---	---	ND	---	0.0470
108	86/87/97/108/119/125	---	---	ND	---	0.141
109		---	---	ND	---	0.0235
110	110/115	33.860	1.52	0.0740	---	0.0470
111		---	---	ND	---	0.0235
112		---	---	ND	---	0.0235
113	90/101/113	31.787	1.49	(0.0884)	---	0.0704
114		---	---	ND	---	0.0235
115	110/115	33.860	1.52	(0.0740)	---	0.0470
116	85/116/117	---	---	ND	---	0.0704
117	85/116/117	---	---	ND	---	0.0704
118		36.970	1.71	0.0378	---	0.0366
119	86/87/97/108/119/125	---	---	ND	---	0.141
120		---	---	ND	---	0.0235
121		---	---	ND	---	0.0235
122		---	---	ND	---	0.0235
123		---	---	ND	---	0.0235
124	107/124	---	---	ND	---	0.0470
125	86/87/97/108/119/125	---	---	ND	---	0.141
126		---	---	ND	---	0.0235
127		---	---	ND	---	0.0235
128	128/166	---	---	ND	---	0.0470
129	129/138/163	40.156	1.27	0.209	---	0.0704
130		---	---	ND	---	0.0235
131		---	---	ND	---	0.0235
132		37.054	1.20	0.0418	---	0.0235
133		---	---	ND	---	0.0235
134	134/143	---	---	ND	---	0.0470
135	135/151	34.788	1.31	0.105	---	0.0470
136		32.297	1.27	0.0258	---	0.0235
137		---	---	ND	---	0.0235
138	129/138/163	40.156	1.27	(0.209)	---	0.0704
139	139/140	---	---	ND	---	0.0470
140	139/140	---	---	ND	---	0.0470
141		39.083	1.35	0.0301	---	0.0235
142		---	---	ND	---	0.0235
143	134/143	---	---	ND	---	0.0470
144		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt.202 Bridge
Lab Sample ID	10693693005
Filename	P240609A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0235
146		38.211	1.26	0.0426	---	0.0235
147	147/149	35.746	1.22	0.174	---	0.0470
148		---	---	ND	---	0.0235
149	147/149	35.746	1.22	(0.174)	---	0.0470
150		---	---	ND	---	0.0235
151	135/151	34.788	1.31	(0.105)	---	0.0470
152		---	---	ND	---	0.0235
153	153/168	38.865	1.24	0.199	---	0.0470
154		---	---	ND	---	0.0235
155		---	---	ND	---	0.0235
156	156/157	---	---	ND	---	0.0470
157	156/157	---	---	ND	---	0.0470
158		---	---	ND	---	0.0235
159		---	---	ND	---	0.0235
160		---	---	ND	---	0.0235
161		---	---	ND	---	0.0235
162		---	---	ND	---	0.0235
163	129/138/163	40.156	1.27	(0.209)	---	0.0704
164		---	---	ND	---	0.0235
165		---	---	ND	---	0.0235
166	128/166	---	---	ND	---	0.0470
167		---	---	ND	---	0.0235
168	153/168	38.865	1.24	(0.199)	---	0.0470
169		---	---	ND	---	0.0235
170		47.070	0.96	0.0619	---	0.0235
171	171/173	---	---	ND	---	0.0470
172		---	---	ND	---	0.0235
173	171/173	---	---	ND	---	0.0470
174		42.392	1.06	0.0713	---	0.0235
175		---	---	ND	---	0.0235
176		---	---	ND	---	0.0235
177		42.845	1.01	0.0528	---	0.0235
178		40.592	0.96	0.0250	---	0.0235
179		37.808	1.03	0.0395	---	0.0235
180	180/193	45.813	1.07	0.148	---	0.0470
181		---	---	ND	---	0.0235
182		---	---	ND	---	0.0235
183	183/185	---	---	ND	---	0.0470
184		---	---	ND	---	0.0235
185	183/185	---	---	ND	---	0.0470
186		---	---	ND	---	0.0235
187		41.515	1.03	0.128	---	0.0235
188		---	---	ND	---	0.0235
189		---	---	ND	---	0.0235
190		---	---	ND	---	0.0235
191		---	---	ND	---	0.0235
192		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt.202 Bridge
Lab Sample ID	10693693005
Filename	P240609A_08

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.813	1.07	(0.148)	---	0.0470
194		52.369	1.08	--- I	0.0270 UX	0.0235
195		---	---	ND	---	0.0235
196		---	---	ND	---	0.0235
197	197/200	---	---	ND	---	0.0470
198	198/199	---	---	ND	---	0.0470
199	198/199	---	---	ND	---	0.0470
200	197/200	---	---	ND	---	0.0470
201		---	---	ND	---	0.0235
202		---	---	ND	---	0.0235
203		48.647	0.87	0.0254	---	0.0235
204		---	---	ND	---	0.0235
205		---	---	ND	---	0.0235
206		---	---	ND	---	0.0235
207		---	---	ND	---	0.0235
208		---	---	ND	---	0.0235
209		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rt.202 Bridge
Lab Sample ID	10693693005
Filename	P240609A_08

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.0451
Total Trichloro Biphenyls	0.0378
Total Tetrachloro Biphenyls	0.162
Total Pentachloro Biphenyls	0.267
Total Hexachloro Biphenyls	0.827
Total Heptachloro Biphenyls	0.526
Total Octachloro Biphenyls	0.0254
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	1.89

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rt.341 Bridge		
Lab Sample ID	10693693006		
Filename	P240609A_09		
Injected By	JRH		
Total Amount Extracted	1830 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	05/14/2024 17:00
ICAL ID	P240609A02	Received	05/21/2024 09:45
CCal Filename(s)	P240609A_01	Extracted	06/04/2024 14:00
Method Blank ID	BLANK-113258	Analyzed	06/09/2024 09:25

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.383	3.18	2.0	1.09	54
13C-4-MoCB	3	12.018	3.08	2.0	1.22	61
13C-2,2'-DiCB	4	12.312	1.54	2.0	1.16	58
13C-4,4'-DiCB	15	19.182	1.57	2.0	1.68	84
13C-2,2',6-TrCB	19	15.988	1.08	2.0	1.24	62
13C-3,4,4'-TrCB	37	26.847	1.04	2.0	1.49	74
13C-2,2',6,6'-TeCB	54	19.514	0.80	2.0	0.902	45
13C-3,4,4',5-TeCB	81	33.955	0.79	2.0	1.89	94
13C-3,3',4,4'-TeCB	77	34.528	0.80	2.0	2.46	123
13C-2,2',4,6,6'-PeCB	104	25.517	1.56	2.0	1.45	72
13C-2,3,3',4,4'-PeCB	105	38.148	1.62	2.0	2.24	112
13C-2,3,4,4',5-PeCB	114	37.478	1.58	2.0	2.05	102
13C-2,3',4,4',5-PeCB	118	36.924	1.63	2.0	2.08	104
13C-2,3',4,4',5'-PeCB	123	36.589	1.56	2.0	2.00	100
13C-3,3',4,4',5-PeCB	126	41.318	1.61	2.0	2.67	133
13C-2,2',4,4',6,6'-HxCB	155	31.511	1.23	2.0	1.29	65
13C-HxCB(156/157)	156/157	44.375	1.28	4.0	3.64	91
13C-2,3',4,4',5,5'-HxCB	167	43.201	1.31	2.0	1.78	89
13C-3,3',4,4',5,5'-HxCB	169	47.679	1.27	2.0	2.09	104
13C-2,2',3,4',5,6,6'-HpCB	188	37.444	1.01	2.0	1.29	64
13C-2,3,3',4,4',5,5'-HpCB	189	50.218	1.09	2.0	1.80	90
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.916	0.88	2.0	1.45	73
13C-2,3,3',4,4',5,5',6-OcCB	205	52.805	0.90	2.0	1.70	85
13C-2,2',3,3',4,4',5,5',6-NoCB	206	54.551	0.80	2.0	1.75	88
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	49.701	0.81	2.0	1.71	86
13C-DeCB	209	56.146	0.71	2.0	1.74	87
CleanupStandards						
13C-2,4,4'-TrCB	28	22.531	1.08	2.0	1.21	61
13C-2,3,3',5,5'-PeCB	111	34.558	1.59	2.0	2.11	105
13C-2,2',3,3',5,5',6-HpCB	178	40.563	1.05	2.0	1.77	88
Recovery Standards						
13C-2,5-DiCB	9	14.672	1.61	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	24.511	0.80	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.758	1.58	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.127	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	52.331	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt.341 Bridge
Lab Sample ID	10693693006
Filename	P240609A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0219
2		---	---	ND	---	0.0219
3		---	---	ND	---	0.0219
4		12.335	1.47	0.0746	---	0.0219
5		---	---	ND	---	0.0219
6		---	---	ND	---	0.0219
7		---	---	ND	---	0.0219
8		---	---	ND	---	0.0219
9		---	---	ND	---	0.0219
10		---	---	ND	---	0.0219
11		---	---	ND	---	0.214
12	12/13	---	---	ND	---	0.0437
13	12/13	---	---	ND	---	0.0437
14		---	---	ND	---	0.0219
15		---	---	ND	---	0.0289
16		---	---	ND	---	0.0219
17		---	---	ND	---	0.0219
18	18/30	---	---	ND	---	0.0437
19		16.010	1.03	0.0588	---	0.0219
20	20/28	---	---	ND	---	0.113
21	21/33	---	---	ND	---	0.118
22		---	---	ND	---	0.0831
23		---	---	ND	---	0.0219
24		---	---	ND	---	0.0219
25		---	---	ND	---	0.0219
26	26/29	---	---	ND	---	0.0437
27		---	---	ND	---	0.0219
28	20/28	---	---	ND	---	0.113
29	26/29	---	---	ND	---	0.0437
30	18/30	---	---	ND	---	0.0437
31		---	---	ND	---	0.114
32		---	---	ND	---	0.0219
33	21/33	---	---	ND	---	0.118
34		---	---	ND	---	0.0219
35		---	---	ND	---	0.0219
36		---	---	ND	---	0.0219
37		---	---	ND	---	0.0464
38		---	---	ND	---	0.0219
39		---	---	ND	---	0.0219
40	40/41/71	---	---	ND	---	0.0656
41	40/41/71	---	---	ND	---	0.0656
42		---	---	ND	---	0.0219
43	43/73	---	---	ND	---	0.0437
44	44/47/65	25.640	0.73	0.156	---	0.0656
45	45/51	---	---	ND	---	0.0437
46		---	---	ND	---	0.0219
47	44/47/65	25.640	0.73	(0.156)	---	0.0656
48		---	---	ND	---	0.0219

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt.341 Bridge
Lab Sample ID	10693693006
Filename	P240609A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	25.052	0.83	0.102	---	0.0437
50	50/53	21.912	0.79	0.0592	---	0.0437
51	45/51	---	---	ND	---	0.0437
52		---	---	ND	---	0.113
53	50/53	21.912	0.79	(0.0592)	---	0.0437
54		---	---	ND	---	0.0219
55		---	---	ND	---	0.0219
56		---	---	ND	---	0.0219
57		---	---	ND	---	0.0219
58		---	---	ND	---	0.0219
59	59/62/75	---	---	ND	---	0.0656
60		---	---	ND	---	0.0219
61	61/70/74/76	---	---	ND	---	0.0875
62	59/62/75	---	---	ND	---	0.0656
63		---	---	ND	---	0.0219
64		---	---	ND	---	0.0219
65	44/47/65	25.640	0.73	(0.156)	---	0.0656
66		---	---	ND	---	0.0516
67		---	---	ND	---	0.0219
68		---	---	ND	---	0.0219
69	49/69	25.052	0.83	(0.102)	---	0.0437
70	61/70/74/76	---	---	ND	---	0.0875
71	40/41/71	---	---	ND	---	0.0656
72		---	---	ND	---	0.0219
73	43/73	---	---	ND	---	0.0437
74	61/70/74/76	---	---	ND	---	0.0875
75	59/62/75	---	---	ND	---	0.0656
76	61/70/74/76	---	---	ND	---	0.0875
77		---	---	ND	---	0.0219
78		---	---	ND	---	0.0219
79		---	---	ND	---	0.0219
80		---	---	ND	---	0.0219
81		---	---	ND	---	0.0219
82		---	---	ND	---	0.0219
83		---	---	ND	---	0.0219
84		---	---	ND	---	0.0219
85	85/116/117	---	---	ND	---	0.0656
86	86/87/97/108/119/125	---	---	ND	---	0.131
87	86/87/97/108/119/125	---	---	ND	---	0.131
88	88/91	---	---	ND	---	0.0437
89		---	---	ND	---	0.0219
90	90/101/113	31.789	1.63	0.154	---	0.0656
91	88/91	---	---	ND	---	0.0437
92		31.186	1.45	0.0423	---	0.0219
93	93/98/100/102	---	---	ND	---	0.0875
94		---	---	ND	---	0.0219
95		28.695	1.49	0.103	---	0.0612
96		---	---	ND	---	0.0219

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rt.341 Bridge
Lab Sample ID 10693693006
Filename P240609A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.131
98	93/98/100/102	---	---	ND	---	0.0875
99		32.393	1.58	0.0668	---	0.0219
100	93/98/100/102	---	---	ND	---	0.0875
101	90/101/113	31.789	1.63	(0.154)	---	0.0656
102	93/98/100/102	---	---	ND	---	0.0875
103		---	---	ND	---	0.0219
104		---	---	ND	---	0.0219
105		38.165	1.75	0.0332	---	0.0219
106		---	---	ND	---	0.0219
107	107/124	---	---	ND	---	0.0437
108	86/87/97/108/119/125	---	---	ND	---	0.131
109		---	---	ND	---	0.0219
110	110/115	33.847	1.62	0.158	---	0.0437
111		---	---	ND	---	0.0219
112		---	---	ND	---	0.0219
113	90/101/113	31.789	1.63	(0.154)	---	0.0656
114		---	---	ND	---	0.0219
115	110/115	33.847	1.62	(0.158)	---	0.0437
116	85/116/117	---	---	ND	---	0.0656
117	85/116/117	---	---	ND	---	0.0656
118		36.941	1.57	0.0951	---	0.0341
119	86/87/97/108/119/125	---	---	ND	---	0.131
120		---	---	ND	---	0.0219
121		---	---	ND	---	0.0219
122		---	---	ND	---	0.0219
123		---	---	ND	---	0.0219
124	107/124	---	---	ND	---	0.0437
125	86/87/97/108/119/125	---	---	ND	---	0.131
126		---	---	ND	---	0.0219
127		---	---	ND	---	0.0219
128	128/166	---	---	ND	---	0.0437
129	129/138/163	40.144	1.20	0.350	---	0.0656
130		---	---	ND	---	0.0219
131		---	---	ND	---	0.0219
132		37.041	1.27	0.0817	---	0.0219
133		---	---	ND	---	0.0219
134	134/143	---	---	ND	---	0.0437
135	135/151	34.791	1.18	0.168	---	0.0437
136		32.300	1.27	0.0406	---	0.0219
137		---	---	ND	---	0.0219
138	129/138/163	40.144	1.20	(0.350)	---	0.0656
139	139/140	---	---	ND	---	0.0437
140	139/140	---	---	ND	---	0.0437
141		39.070	1.31	0.0594	---	0.0219
142		---	---	ND	---	0.0219
143	134/143	---	---	ND	---	0.0437
144		---	---	ND	---	0.0219

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt.341 Bridge
Lab Sample ID	10693693006
Filename	P240609A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0219
146		38.232	1.19	0.0652	---	0.0219
147	147/149	35.750	1.21	0.274	---	0.0437
148		---	---	ND	---	0.0219
149	147/149	35.750	1.21	(0.274)	---	0.0437
150		---	---	ND	---	0.0219
151	135/151	34.791	1.18	(0.168)	---	0.0437
152		---	---	ND	---	0.0219
153	153/168	38.852	1.24	0.318	---	0.0437
154		---	---	ND	---	0.0219
155		---	---	ND	---	0.0219
156	156/157	---	---	ND	---	0.0437
157	156/157	---	---	ND	---	0.0437
158		40.546	1.09	0.0239	---	0.0219
159		---	---	ND	---	0.0219
160		---	---	ND	---	0.0219
161		---	---	ND	---	0.0219
162		---	---	ND	---	0.0219
163	129/138/163	40.144	1.20	(0.350)	---	0.0656
164		39.842	1.41	0.0228	---	0.0219
165		---	---	ND	---	0.0219
166	128/166	---	---	ND	---	0.0437
167		---	---	ND	---	0.0219
168	153/168	38.852	1.24	(0.318)	---	0.0437
169		---	---	ND	---	0.0219
170		47.092	1.06	0.104	---	0.0219
171	171/173	---	---	ND	---	0.0437
172		---	---	ND	---	0.0219
173	171/173	---	---	ND	---	0.0437
174		42.396	1.04	0.117	---	0.0219
175		---	---	ND	---	0.0219
176		---	---	ND	---	0.0219
177		42.849	1.00	0.0731	---	0.0219
178		40.580	0.93	0.0368	---	0.0219
179		37.796	1.05	0.0580	---	0.0219
180	180/193	45.784	1.02	0.242	---	0.0437
181		---	---	ND	---	0.0219
182		---	---	ND	---	0.0219
183	183/185	42.145	1.11	0.0743	---	0.0437
184		---	---	ND	---	0.0219
185	183/185	42.145	1.11	(0.0743)	---	0.0437
186		---	---	ND	---	0.0219
187		41.502	1.06	0.186	---	0.0219
188		---	---	ND	---	0.0219
189		---	---	ND	---	0.0219
190		47.612	1.06	0.0254	---	0.0219
191		---	---	ND	---	0.0219
192		---	---	ND	---	0.0219

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt.341 Bridge
Lab Sample ID	10693693006
Filename	P240609A_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.784	1.02	(0.242)	---	0.0437
194		52.352	0.89	0.0525	---	0.0219
195		50.003	0.99	0.0250	---	0.0219
196		48.433	0.93	0.0326	---	0.0219
197	197/200	---	---	ND	---	0.0437
198	198/199	47.763	0.90	0.0713	---	0.0437
199	198/199	47.763	0.90	(0.0713)	---	0.0437
200	197/200	---	---	ND	---	0.0437
201		---	---	ND	---	0.0219
202		---	---	ND	---	0.0219
203		48.634	0.87	0.0398	---	0.0219
204		---	---	ND	---	0.0219
205		---	---	ND	---	0.0219
206		---	---	ND	---	0.0219
207		---	---	ND	---	0.0219
208		---	---	ND	---	0.0219
209		---	---	ND	---	0.0219

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rt.341 Bridge
Lab Sample ID	10693693006
Filename	P240609A_09

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.0746
Total Trichloro Biphenyls	0.0588
Total Tetrachloro Biphenyls	0.317
Total Pentachloro Biphenyls	0.653
Total Hexachloro Biphenyls	1.40
Total Heptachloro Biphenyls	0.917
Total Octachloro Biphenyls	0.221
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	3.65

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Canaan Town Line Bridge		
Lab Sample ID	10693693007		
Filename	P240609A_10		
Injected By	JRH		
Total Amount Extracted	1780 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	05/14/2024 18:50
ICAL ID	P240609A02	Received	05/21/2024 09:45
CCal Filename(s)	P240609A_01	Extracted	06/04/2024 14:00
Method Blank ID	BLANK-113258	Analyzed	06/09/2024 10:24

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.247	2.93	2.0	1.04	52
13C-4-MoCB	3	11.927	3.09	2.0	1.20	60
13C-2,2'-DiCB	4	12.221	1.53	2.0	1.12	56
13C-4,4'-DiCB	15	19.149	1.61	2.0	1.48	74
13C-2,2',6-TrCB	19	15.943	1.09	2.0	1.15	57
13C-3,4,4'-TrCB	37	26.861	1.05	2.0	1.37	69
13C-2,2',6,6'-TeCB	54	19.483	0.77	2.0	0.865	43
13C-3,4,4',5-TeCB	81	33.968	0.82	2.0	1.68	84
13C-3,3',4,4'-TeCB	77	34.541	0.79	2.0	2.15	107
13C-2,2',4,6,6'-PeCB	104	25.516	1.55	2.0	1.30	65
13C-2,3,3',4,4'-PeCB	105	38.145	1.59	2.0	2.02	101
13C-2,3,4,4',5-PeCB	114	37.491	1.60	2.0	1.84	92
13C-2,3',4,4',5-PeCB	118	36.938	1.57	2.0	1.79	90
13C-2,3',4,4',5'-PeCB	123	36.602	1.64	2.0	1.76	88
13C-3,3',4,4',5-PeCB	126	41.314	1.63	2.0	2.37	118
13C-2,2',4,4',6,6'-HxCB	155	31.524	1.21	2.0	1.16	58
13C-HxCB(156/157)	156/157	44.388	1.29	4.0	3.27	82
13C-2,3',4,4',5,5'-HxCB	167	43.198	1.25	2.0	1.59	80
13C-3,3',4,4',5,5'-HxCB	169	47.675	1.30	2.0	1.91	96
13C-2,2',3,4',5,6,6'-HpCB	188	37.441	1.04	2.0	1.13	57
13C-2,3,3',4,4',5,5'-HpCB	189	50.236	1.07	2.0	1.60	80
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.930	0.89	2.0	1.28	64
13C-2,3,3',4,4',5,5',6-OcCB	205	52.823	0.87	2.0	1.56	78
13C-2,2',3,3',4,4',5,5',6-NoCB	206	54.547	0.82	2.0	1.65	83
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	49.719	0.79	2.0	1.61	81
13C-DeCB	209	56.142	0.70	2.0	1.71	85
CleanupStandards						
13C-2,4,4'-TrCB	28	22.515	1.05	2.0	1.13	56
13C-2,3,3',5,5'-PeCB	111	34.556	1.51	2.0	1.89	95
13C-2,2',3,3',5,5',6-HpCB	178	40.577	1.05	2.0	1.64	82
Recovery Standards						
13C-2,5-DiCB	9	14.606	1.62	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	24.495	0.80	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.772	1.57	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.124	1.24	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	52.327	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Canaan Town Line Bridge
Lab Sample ID	10693693007
Filename	P240609A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0224
2		---	---	ND	---	0.0224
3		---	---	ND	---	0.0224
4		12.255	1.44	0.159 A	---	0.0325
5		---	---	ND	---	0.0224
6		---	---	ND	---	0.0224
7		---	---	ND	---	0.0224
8		---	---	ND	---	0.0224
9		---	---	ND	---	0.0224
10		---	---	ND	---	0.0224
11		---	---	ND	---	0.220
12	12/13	---	---	ND	---	0.0448
13	12/13	---	---	ND	---	0.0448
14		---	---	ND	---	0.0224
15		---	---	ND	---	0.0296
16		---	---	ND	---	0.0224
17		18.574	0.90	0.0311	---	0.0224
18	18/30	---	---	ND	---	0.0448
19		15.965	1.09	0.115	---	0.0224
20	20/28	---	---	ND	---	0.116
21	21/33	---	---	ND	---	0.121
22		---	---	ND	---	0.0852
23		---	---	ND	---	0.0224
24		---	---	ND	---	0.0224
25		---	---	ND	---	0.0224
26	26/29	---	---	ND	---	0.0448
27		18.829	1.02	0.0228	---	0.0224
28	20/28	---	---	ND	---	0.116
29	26/29	---	---	ND	---	0.0448
30	18/30	---	---	ND	---	0.0448
31		---	---	ND	---	0.117
32		---	---	ND	---	0.0224
33	21/33	---	---	ND	---	0.121
34		---	---	ND	---	0.0224
35		---	---	ND	---	0.0224
36		---	---	ND	---	0.0224
37		---	---	ND	---	0.0475
38		---	---	ND	---	0.0224
39		---	---	ND	---	0.0224
40	40/41/71	---	---	ND	---	0.0673
41	40/41/71	---	---	ND	---	0.0673
42		---	---	ND	---	0.0224
43	43/73	---	---	ND	---	0.0448
44	44/47/65	25.655	0.82	0.270	---	0.0673
45	45/51	22.732	0.74	0.100	---	0.0448
46		---	---	ND	---	0.0224
47	44/47/65	25.655	0.82	(0.270)	---	0.0673
48		---	---	ND	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Canaan Town Line Bridge
Lab Sample ID	10693693007
Filename	P240609A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	25.067	0.74	0.175	---	0.0448
50	50/53	21.912	0.77	0.120	---	0.0448
51	45/51	22.732	0.74	(0.100)	---	0.0448
52		24.526	0.77	0.135	---	0.116
53	50/53	21.912	0.77	(0.120)	---	0.0448
54		19.514	0.74	0.0429	---	0.0224
55		---	---	ND	---	0.0224
56		---	---	ND	---	0.0224
57		---	---	ND	---	0.0224
58		---	---	ND	---	0.0224
59	59/62/75	---	---	ND	---	0.0673
60		---	---	ND	---	0.0224
61	61/70/74/76	---	---	ND	---	0.0897
62	59/62/75	---	---	ND	---	0.0673
63		---	---	ND	---	0.0224
64		---	---	ND	---	0.0224
65	44/47/65	25.655	0.82	(0.270)	---	0.0673
66		---	---	ND	---	0.0529
67		---	---	ND	---	0.0224
68		---	---	ND	---	0.0224
69	49/69	25.067	0.74	(0.175)	---	0.0448
70	61/70/74/76	---	---	ND	---	0.0897
71	40/41/71	---	---	ND	---	0.0673
72		---	---	ND	---	0.0224
73	43/73	---	---	ND	---	0.0448
74	61/70/74/76	---	---	ND	---	0.0897
75	59/62/75	---	---	ND	---	0.0673
76	61/70/74/76	---	---	ND	---	0.0897
77		---	---	ND	---	0.0224
78		---	---	ND	---	0.0224
79		---	---	ND	---	0.0224
80		---	---	ND	---	0.0224
81		---	---	ND	---	0.0224
82		---	---	ND	---	0.0224
83		---	---	ND	---	0.0224
84		29.885	1.71	0.0281	---	0.0224
85	85/116/117	---	---	ND	---	0.0673
86	86/87/97/108/119/125	---	---	ND	---	0.135
87	86/87/97/108/119/125	---	---	ND	---	0.135
88	88/91	29.637	1.55	0.0583	---	0.0448
89		---	---	ND	---	0.0224
90	90/101/113	31.803	1.51	0.220	---	0.0673
91	88/91	29.637	1.55	(0.0583)	---	0.0448
92		31.199	1.51	0.0605	---	0.0224
93	93/98/100/102	---	---	ND	---	0.0897
94		---	---	ND	---	0.0224
95		28.709	1.49	0.146	---	0.0628
96		---	---	ND	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Canaan Town Line Bridge
Lab Sample ID 10693693007
Filename P240609A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.135
98	93/98/100/102	---	---	ND	---	0.0897
99		32.406	1.62	0.0934	---	0.0224
100	93/98/100/102	---	---	ND	---	0.0897
101	90/101/113	31.803	1.51	(0.220)	---	0.0673
102	93/98/100/102	---	---	ND	---	0.0897
103		---	---	ND	---	0.0224
104		---	---	ND	---	0.0224
105		38.179	1.60	0.0308	---	0.0224
106		---	---	ND	---	0.0224
107	107/124	---	---	ND	---	0.0448
108	86/87/97/108/119/125	---	---	ND	---	0.135
109		---	---	ND	---	0.0224
110	110/115	33.860	1.61	0.180	---	0.0448
111		---	---	ND	---	0.0224
112		---	---	ND	---	0.0224
113	90/101/113	31.803	1.51	(0.220)	---	0.0673
114		---	---	ND	---	0.0224
115	110/115	33.860	1.61	(0.180)	---	0.0448
116	85/116/117	---	---	ND	---	0.0673
117	85/116/117	---	---	ND	---	0.0673
118		36.954	1.42	0.0967	---	0.0350
119	86/87/97/108/119/125	---	---	ND	---	0.135
120		---	---	ND	---	0.0224
121		---	---	ND	---	0.0224
122		---	---	ND	---	0.0224
123		---	---	ND	---	0.0224
124	107/124	---	---	ND	---	0.0448
125	86/87/97/108/119/125	---	---	ND	---	0.135
126		---	---	ND	---	0.0224
127		---	---	ND	---	0.0224
128	128/166	---	---	ND	---	0.0448
129	129/138/163	40.157	1.20	0.443	---	0.0673
130		39.486	1.07	0.0241	---	0.0224
131		---	---	ND	---	0.0224
132		37.072	1.27	0.0987	---	0.0224
133		---	---	ND	---	0.0224
134	134/143	---	---	ND	---	0.0448
135	135/151	34.804	1.23	0.243	---	0.0448
136		32.313	1.12	0.0583	---	0.0224
137		---	---	ND	---	0.0224
138	129/138/163	40.157	1.20	(0.443)	---	0.0673
139	139/140	---	---	ND	---	0.0448
140	139/140	---	---	ND	---	0.0448
141		39.067	1.25	0.0720	---	0.0224
142		---	---	ND	---	0.0224
143	134/143	---	---	ND	---	0.0448
144		35.391	1.25	0.0235	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Canaan Town Line Bridge
Lab Sample ID	10693693007
Filename	P240609A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0224
146		38.246	1.40	0.0863	---	0.0224
147	147/149	35.764	1.23	0.377	---	0.0448
148		---	---	ND	---	0.0224
149	147/149	35.764	1.23	(0.377)	---	0.0448
150		---	---	ND	---	0.0224
151	135/151	34.804	1.23	(0.243)	---	0.0448
152		---	---	ND	---	0.0224
153	153/168	38.866	1.22	0.421	---	0.0448
154		---	---	ND	---	0.0224
155		---	---	ND	---	0.0224
156	156/157	---	---	ND	---	0.0448
157	156/157	---	---	ND	---	0.0448
158		40.560	1.57	--- I	0.0253 UX	0.0224
159		---	---	ND	---	0.0224
160		---	---	ND	---	0.0224
161		---	---	ND	---	0.0224
162		---	---	ND	---	0.0224
163	129/138/163	40.157	1.20	(0.443)	---	0.0673
164		39.839	1.19	0.0291	---	0.0224
165		---	---	ND	---	0.0224
166	128/166	---	---	ND	---	0.0448
167		---	---	ND	---	0.0224
168	153/168	38.866	1.22	(0.421)	---	0.0448
169		---	---	ND	---	0.0224
170		47.088	1.06	0.127	---	0.0224
171	171/173	---	---	ND	---	0.0448
172		45.110	0.99	0.0273	---	0.0224
173	171/173	---	---	ND	---	0.0448
174		42.393	1.03	0.149	---	0.0224
175		---	---	ND	---	0.0224
176		---	---	ND	---	0.0224
177		42.846	1.06	0.0954	---	0.0224
178		40.610	1.07	0.0493	---	0.0224
179		37.826	1.08	0.0743	---	0.0224
180	180/193	45.814	1.02	0.302	---	0.0448
181		---	---	ND	---	0.0224
182		---	---	ND	---	0.0224
183	183/185	42.141	0.96	0.0962	---	0.0448
184		---	---	ND	---	0.0224
185	183/185	42.141	0.96	(0.0962)	---	0.0448
186		---	---	ND	---	0.0224
187		41.533	1.05	0.234	---	0.0224
188		---	---	ND	---	0.0224
189		---	---	ND	---	0.0224
190		47.642	1.10	0.0294	---	0.0224
191		---	---	ND	---	0.0224
192		---	---	ND	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Canaan Town Line Bridge
Lab Sample ID	10693693007
Filename	P240609A_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.814	1.02	(0.302)	---	0.0448
194		52.370	0.91	0.0619	---	0.0224
195		49.999	0.98	0.0328	---	0.0224
196		48.463	0.90	0.0399	---	0.0224
197	197/200	---	---	ND	---	0.0448
198	198/199	47.776	0.84	0.0931	---	0.0448
199	198/199	47.776	0.84	(0.0931)	---	0.0448
200	197/200	---	---	ND	---	0.0448
201		---	---	ND	---	0.0224
202		---	---	ND	---	0.0224
203		48.631	0.89	0.0513	---	0.0224
204		---	---	ND	---	0.0224
205		---	---	ND	---	0.0224
206		---	---	ND	---	0.0224
207		---	---	ND	---	0.0224
208		---	---	ND	---	0.0224
209		---	---	ND	---	0.0224

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Canaan Town Line Bridge
Lab Sample ID	10693693007
Filename	P240609A_10

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.159
Total Trichloro Biphenyls	0.169
Total Tetrachloro Biphenyls	0.843
Total Pentachloro Biphenyls	0.914
Total Hexachloro Biphenyls	1.88
Total Heptachloro Biphenyls	1.18
Total Octachloro Biphenyls	0.279
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	5.42

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Falls Village Dam		
Lab Sample ID	10693693008		
Filename	P240609A_11		
Injected By	JRH		
Total Amount Extracted	1860 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	05/14/2024 13:00
ICAL ID	P240609A02	Received	05/21/2024 09:45
CCal Filename(s)	P240609A_01	Extracted	06/04/2024 14:00
Method Blank ID	BLANK-113258	Analyzed	06/09/2024 11:24

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.383	3.01	2.0	0.998	50
13C-4-MoCB	3	12.018	3.04	2.0	1.17	59
13C-2,2'-DiCB	4	12.312	1.54	2.0	1.08	54
13C-4,4'-DiCB	15	19.171	1.59	2.0	1.57	78
13C-2,2',6-TrCB	19	15.988	1.06	2.0	1.18	59
13C-3,4,4'-TrCB	37	26.847	1.07	2.0	1.35	68
13C-2,2',6,6'-TeCB	54	19.498	0.80	2.0	0.852	43
13C-3,4,4',5-TeCB	81	33.939	0.79	2.0	1.75	88
13C-3,3',4,4'-TeCB	77	34.527	0.79	2.0	2.35	118
13C-2,2',4,6,6'-PeCB	104	25.516	1.56	2.0	1.33	67
13C-2,3,3',4,4'-PeCB	105	38.131	1.64	2.0	2.17	108
13C-2,3,4,4',5-PeCB	114	37.477	1.65	2.0	1.91	96
13C-2,3',4,4',5-PeCB	118	36.923	1.63	2.0	1.96	98
13C-2,3',4,4',5'-PeCB	123	36.588	1.60	2.0	1.87	94
13C-3,3',4,4',5-PeCB	126	41.317	1.59	2.0	2.60	130
13C-2,2',4,4',6,6'-HxCB	155	31.510	1.23	2.0	1.17	59
13C-HxCB(156/157)	156/157	44.391	1.30	4.0	3.41	85
13C-2,3',4,4',5,5'-HxCB	167	43.200	1.31	2.0	1.64	82
13C-3,3',4,4',5,5'-HxCB	169	47.678	1.28	2.0	2.00	100
13C-2,2',3,4',5,6,6'-HpCB	188	37.426	1.04	2.0	1.16	58
13C-2,3,3',4,4',5,5'-HpCB	189	50.217	1.07	2.0	1.68	84
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.915	0.89	2.0	1.37	68
13C-2,3,3',4,4',5,5',6-OcCB	205	52.804	0.89	2.0	1.66	83
13C-2,2',3,3',4,4',5,5',6-NoCB	206	54.549	0.79	2.0	1.73	86
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	49.700	0.79	2.0	1.68	84
13C-DeCB	209	56.145	0.68	2.0	1.81	91
CleanupStandards						
13C-2,4,4'-TrCB	28	22.515	1.09	2.0	1.21	61
13C-2,3,3',5,5'-PeCB	111	34.542	1.59	2.0	2.11	105
13C-2,2',3,3',5,5',6-HpCB	178	40.563	1.05	2.0	1.72	86
Recovery Standards						
13C-2,5-DiCB	9	14.661	1.60	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	24.495	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.758	1.60	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.110	1.28	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	52.329	0.89	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10693693008
Filename	P240609A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0215
2		---	---	ND	---	0.0215
3		---	---	ND	---	0.0215
4		12.335	1.54	0.179	---	0.0215
5		---	---	ND	---	0.0215
6		---	---	ND	---	0.0215
7		---	---	ND	---	0.0215
8		---	---	ND	---	0.0215
9		---	---	ND	---	0.0215
10		---	---	ND	---	0.0215
11		---	---	ND	---	0.210
12	12/13	---	---	ND	---	0.0429
13	12/13	---	---	ND	---	0.0429
14		---	---	ND	---	0.0215
15		---	---	ND	---	0.0283
16		---	---	ND	---	0.0215
17		18.607	1.11	0.0350	---	0.0215
18	18/30	---	---	ND	---	0.0429
19		16.010	1.05	0.143	---	0.0215
20	20/28	---	---	ND	---	0.111
21	21/33	---	---	ND	---	0.116
22		---	---	ND	---	0.0816
23		---	---	ND	---	0.0215
24		---	---	ND	---	0.0215
25		---	---	ND	---	0.0215
26	26/29	---	---	ND	---	0.0429
27		18.872	0.95	0.0271	---	0.0215
28	20/28	---	---	ND	---	0.111
29	26/29	---	---	ND	---	0.0429
30	18/30	---	---	ND	---	0.0429
31		---	---	ND	---	0.112
32		---	---	ND	---	0.0215
33	21/33	---	---	ND	---	0.116
34		---	---	ND	---	0.0215
35		---	---	ND	---	0.0215
36		---	---	ND	---	0.0215
37		---	---	ND	---	0.0455
38		---	---	ND	---	0.0215
39		---	---	ND	---	0.0215
40	40/41/71	---	---	ND	---	0.0644
41	40/41/71	---	---	ND	---	0.0644
42		---	---	ND	---	0.0215
43	43/73	---	---	ND	---	0.0429
44	44/47/65	25.640	0.75	0.322	---	0.0644
45	45/51	22.747	0.78	0.119	---	0.0429
46		---	---	ND	---	0.0215
47	44/47/65	25.640	0.75	(0.322)	---	0.0644
48		---	---	ND	---	0.0215

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10693693008
Filename	P240609A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	25.052	0.80	0.211	---	0.0429
50	50/53	21.911	0.79	0.145	---	0.0429
51	45/51	22.747	0.78	(0.119)	---	0.0429
52		24.526	0.76	0.151	---	0.111
53	50/53	21.911	0.79	(0.145)	---	0.0429
54		19.529	0.81	0.0503	---	0.0215
55		---	---	ND	---	0.0215
56		---	---	ND	---	0.0215
57		---	---	ND	---	0.0215
58		---	---	ND	---	0.0215
59	59/62/75	---	---	ND	---	0.0644
60		---	---	ND	---	0.0215
61	61/70/74/76	---	---	ND	---	0.0859
62	59/62/75	---	---	ND	---	0.0644
63		---	---	ND	---	0.0215
64		---	---	ND	---	0.0215
65	44/47/65	25.640	0.75	(0.322)	---	0.0644
66		---	---	ND	---	0.0507
67		---	---	ND	---	0.0215
68		---	---	ND	---	0.0215
69	49/69	25.052	0.80	(0.211)	---	0.0429
70	61/70/74/76	---	---	ND	---	0.0859
71	40/41/71	---	---	ND	---	0.0644
72		---	---	ND	---	0.0215
73	43/73	---	---	ND	---	0.0429
74	61/70/74/76	---	---	ND	---	0.0859
75	59/62/75	---	---	ND	---	0.0644
76	61/70/74/76	---	---	ND	---	0.0859
77		---	---	ND	---	0.0215
78		---	---	ND	---	0.0215
79		---	---	ND	---	0.0215
80		---	---	ND	---	0.0215
81		---	---	ND	---	0.0215
82		---	---	ND	---	0.0215
83		---	---	ND	---	0.0215
84		29.855	1.52	0.0240	---	0.0215
85	85/116/117	---	---	ND	---	0.0644
86	86/87/97/108/119/125	---	---	ND	---	0.129
87	86/87/97/108/119/125	---	---	ND	---	0.129
88	88/91	29.607	1.59	0.0725	---	0.0429
89		---	---	ND	---	0.0215
90	90/101/113	31.789	1.65	0.240	---	0.0644
91	88/91	29.607	1.59	(0.0725)	---	0.0429
92		31.170	1.53	0.0729	---	0.0215
93	93/98/100/102	---	---	ND	---	0.0859
94		---	---	ND	---	0.0215
95		28.710	1.52	0.170	---	0.0601
96		---	---	ND	---	0.0215

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10693693008
Filename	P240609A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.129
98	93/98/100/102	---	---	ND	---	0.0859
99		32.408	1.61	0.107	---	0.0215
100	93/98/100/102	---	---	ND	---	0.0859
101	90/101/113	31.789	1.65	(0.240)	---	0.0644
102	93/98/100/102	---	---	ND	---	0.0859
103		---	---	ND	---	0.0215
104		---	---	ND	---	0.0215
105		---	---	ND	---	0.0215
106		---	---	ND	---	0.0215
107	107/124	---	---	ND	---	0.0429
108	86/87/97/108/119/125	---	---	ND	---	0.129
109		---	---	ND	---	0.0215
110	110/115	33.847	1.53	0.190	---	0.0429
111		---	---	ND	---	0.0215
112		---	---	ND	---	0.0215
113	90/101/113	31.789	1.65	(0.240)	---	0.0644
114		---	---	ND	---	0.0215
115	110/115	33.847	1.53	(0.190)	---	0.0429
116	85/116/117	---	---	ND	---	0.0644
117	85/116/117	---	---	ND	---	0.0644
118		36.940	1.56	0.0813	---	0.0335
119	86/87/97/108/119/125	---	---	ND	---	0.129
120		---	---	ND	---	0.0215
121		---	---	ND	---	0.0215
122		---	---	ND	---	0.0215
123		---	---	ND	---	0.0215
124	107/124	---	---	ND	---	0.0429
125	86/87/97/108/119/125	---	---	ND	---	0.129
126		---	---	ND	---	0.0215
127		---	---	ND	---	0.0215
128	128/166	---	---	ND	---	0.0429
129	129/138/163	40.160	1.24	0.545	---	0.0644
130		39.456	1.18	0.0278	---	0.0215
131		---	---	ND	---	0.0215
132		37.041	1.37	0.124	---	0.0215
133		---	---	ND	---	0.0215
134	134/143	---	---	ND	---	0.0429
135	135/151	34.790	1.21	0.302	---	0.0429
136		32.299	1.24	0.0716	---	0.0215
137		---	---	ND	---	0.0215
138	129/138/163	40.160	1.24	(0.545)	---	0.0644
139	139/140	---	---	ND	---	0.0429
140	139/140	---	---	ND	---	0.0429
141		39.070	1.16	0.0946	---	0.0215
142		---	---	ND	---	0.0215
143	134/143	---	---	ND	---	0.0429
144		35.378	1.08	0.0272	---	0.0215

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10693693008
Filename	P240609A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0215
146		38.231	1.29	0.112	---	0.0215
147	147/149	35.750	1.25	0.480	---	0.0429
148		---	---	ND	---	0.0215
149	147/149	35.750	1.25	(0.480)	---	0.0429
150		---	---	ND	---	0.0215
151	135/151	34.790	1.21	(0.302)	---	0.0429
152		---	---	ND	---	0.0215
153	153/168	38.868	1.22	0.531	---	0.0429
154		---	---	ND	---	0.0215
155		---	---	ND	---	0.0215
156	156/157	---	---	ND	---	0.0429
157	156/157	---	---	ND	---	0.0429
158		40.546	1.24	0.0324	---	0.0215
159		---	---	ND	---	0.0215
160		---	---	ND	---	0.0215
161		---	---	ND	---	0.0215
162		---	---	ND	---	0.0215
163	129/138/163	40.160	1.24	(0.545)	---	0.0644
164		39.825	1.29	0.0387	---	0.0215
165		---	---	ND	---	0.0215
166	128/166	---	---	ND	---	0.0429
167		---	---	ND	---	0.0215
168	153/168	38.868	1.22	(0.531)	---	0.0429
169		---	---	ND	---	0.0215
170		47.091	1.02	0.167	---	0.0215
171	171/173	43.486	1.06	0.0529	---	0.0429
172		45.112	0.96	0.0358	---	0.0215
173	171/173	43.486	1.06	(0.0529)	---	0.0429
174		42.396	1.04	0.189	---	0.0215
175		---	---	ND	---	0.0215
176		38.718	0.94	0.0281	---	0.0215
177		42.848	1.05	0.127	---	0.0215
178		40.596	1.05	0.0618	---	0.0215
179		37.812	1.05	0.104	---	0.0215
180	180/193	45.800	1.01	0.398	---	0.0429
181		---	---	ND	---	0.0215
182		---	---	ND	---	0.0215
183	183/185	42.127	1.09	0.125	---	0.0429
184		---	---	ND	---	0.0215
185	183/185	42.127	1.09	(0.125)	---	0.0429
186		---	---	ND	---	0.0215
187		41.518	1.05	0.324	---	0.0215
188		---	---	ND	---	0.0215
189		---	---	ND	---	0.0215
190		47.611	0.99	0.0385	---	0.0215
191		---	---	ND	---	0.0215
192		---	---	ND	---	0.0215

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10693693008
Filename	P240609A_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.800	1.01	(0.398)	---	0.0429
194		52.351	0.92	0.0810	---	0.0215
195		50.002	1.02	0.0378	---	0.0215
196		48.432	0.92	0.0498	---	0.0215
197	197/200	---	---	ND	---	0.0429
198	198/199	47.778	0.91	0.117	---	0.0429
199	198/199	47.778	0.91	(0.117)	---	0.0429
200	197/200	---	---	ND	---	0.0429
201		---	---	ND	---	0.0215
202		---	---	ND	---	0.0215
203		48.634	0.95	0.0654	---	0.0215
204		---	---	ND	---	0.0215
205		---	---	ND	---	0.0215
206		54.571	0.69	0.0222	---	0.0215
207		---	---	ND	---	0.0215
208		---	---	ND	---	0.0215
209		---	---	ND	---	0.0215

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Falls Village Dam
Lab Sample ID	10693693008
Filename	P240609A_11

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.179
Total Trichloro Biphenyls	0.205
Total Tetrachloro Biphenyls	0.997
Total Pentachloro Biphenyls	0.957
Total Hexachloro Biphenyls	2.39
Total Heptachloro Biphenyls	1.65
Total Octachloro Biphenyls	0.351
Total Nonachloro Biphenyls	0.0222
DecachloroBiphenyls	ND
Total PCBs	6.75

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rannapo Rd Bridge		
Lab Sample ID	10693693009		
Filename	P240609A_12		
Injected By	JRH		
Total Amount Extracted	1700 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	05/15/2024 14:00
ICAL ID	P240609A02	Received	05/21/2024 09:45
CCal Filename(s)	P240609A_01	Extracted	06/04/2024 14:00
Method Blank ID	BLANK-113258	Analyzed	06/09/2024 12:24

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.327	3.22	2.0	1.06	53
13C-4-MoCB	3	11.984	3.11	2.0	1.17	59
13C-2,2'-DiCB	4	12.278	1.52	2.0	1.10	55
13C-4,4'-DiCB	15	19.171	1.57	2.0	1.55	77
13C-2,2',6-TrCB	19	15.966	1.03	2.0	1.20	60
13C-3,4,4'-TrCB	37	26.862	1.09	2.0	1.39	70
13C-2,2',6,6'-TeCB	54	19.498	0.80	2.0	0.854	43
13C-3,4,4',5-TeCB	81	33.954	0.80	2.0	1.72	86
13C-3,3',4,4'-TeCB	77	34.542	0.81	2.0	2.33	117
13C-2,2',4,6,6'-PeCB	104	25.516	1.54	2.0	1.40	70
13C-2,3,3',4,4'-PeCB	105	38.147	1.57	2.0	2.16	108
13C-2,3,4,4',5-PeCB	114	37.476	1.54	2.0	1.92	96
13C-2,3',4,4',5-PeCB	118	36.923	1.66	2.0	1.94	97
13C-2,3',4,4',5'-PeCB	123	36.588	1.57	2.0	1.86	93
13C-3,3',4,4',5-PeCB	126	41.316	1.60	2.0	2.53	126
13C-2,2',4,4',6,6'-HxCB	155	31.525	1.25	2.0	1.21	61
13C-HxCB(156/157)	156/157	44.390	1.29	4.0	3.51	88
13C-2,3',4,4',5,5'-HxCB	167	43.199	1.28	2.0	1.69	85
13C-3,3',4,4',5,5'-HxCB	169	47.676	1.28	2.0	2.07	104
13C-2,2',3,4',5,6,6'-HpCB	188	37.443	1.01	2.0	1.15	57
13C-2,3,3',4,4',5,5'-HpCB	189	50.237	1.09	2.0	1.64	82
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.931	0.87	2.0	1.31	65
13C-2,3,3',4,4',5,5',6-OcCB	205	52.824	0.88	2.0	1.67	83
13C-2,2',3,3',4,4',5,5',6-NoCB	206	54.569	0.81	2.0	1.73	87
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	49.720	0.80	2.0	1.66	83
13C-DeCB	209	56.143	0.70	2.0	1.85	93
CleanupStandards						
13C-2,4,4'-TrCB	28	22.530	1.08	2.0	1.17	59
13C-2,3,3',5,5'-PeCB	111	34.558	1.56	2.0	2.11	106
13C-2,2',3,3',5,5',6-HpCB	178	40.562	1.03	2.0	1.72	86
Recovery Standards						
13C-2,5-DiCB	9	14.639	1.61	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	24.510	0.80	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.773	1.57	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.125	1.30	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	52.349	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rannapo Rd Bridge
Lab Sample ID	10693693009
Filename	P240609A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0235
2		---	---	ND	---	0.0235
3		---	---	ND	---	0.0235
4		12.301	1.50	0.257 A	---	0.0258
5		---	---	ND	---	0.0235
6		---	---	ND	---	0.0235
7		---	---	ND	---	0.0235
8		---	---	ND	---	0.0235
9		---	---	ND	---	0.0235
10		---	---	ND	---	0.0235
11		---	---	ND	---	0.230
12	12/13	---	---	ND	---	0.0469
13	12/13	---	---	ND	---	0.0469
14		---	---	ND	---	0.0235
15		---	---	ND	---	0.0310
16		---	---	ND	---	0.0235
17		18.608	1.02	0.0456	---	0.0235
18	18/30	---	---	ND	---	0.0469
19		15.999	0.99	0.195	---	0.0235
20	20/28	---	---	ND	---	0.121
21	21/33	---	---	ND	---	0.127
22		---	---	ND	---	0.0892
23		---	---	ND	---	0.0235
24		---	---	ND	---	0.0235
25		---	---	ND	---	0.0235
26	26/29	---	---	ND	---	0.0469
27		18.851	1.09	0.0352	---	0.0235
28	20/28	---	---	ND	---	0.121
29	26/29	---	---	ND	---	0.0469
30	18/30	---	---	ND	---	0.0469
31		---	---	ND	---	0.122
32		19.715	0.91	0.0355	---	0.0235
33	21/33	---	---	ND	---	0.127
34		---	---	ND	---	0.0235
35		---	---	ND	---	0.0235
36		---	---	ND	---	0.0235
37		---	---	ND	---	0.0497
38		---	---	ND	---	0.0235
39		---	---	ND	---	0.0235
40	40/41/71	---	---	ND	---	0.0704
41	40/41/71	---	---	ND	---	0.0704
42		26.166	0.77	0.0299	---	0.0235
43	43/73	---	---	ND	---	0.0469
44	44/47/65	25.655	0.78	0.429	---	0.0704
45	45/51	22.731	0.80	0.168	---	0.0469
46		---	---	ND	---	0.0235
47	44/47/65	25.655	0.78	(0.429)	---	0.0704
48		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rannapo Rd Bridge
Lab Sample ID 10693693009
Filename P240609A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	25.052	0.77	0.284	---	0.0469
50	50/53	21.911	0.78	0.191	---	0.0469
51	45/51	22.731	0.80	(0.168)	---	0.0469
52		24.526	0.74	0.203	---	0.121
53	50/53	21.911	0.78	(0.191)	---	0.0469
54		19.514	0.70	0.0721	---	0.0235
55		---	---	ND	---	0.0235
56		---	---	ND	---	0.0235
57		---	---	ND	---	0.0235
58		---	---	ND	---	0.0235
59	59/62/75	---	---	ND	---	0.0704
60		---	---	ND	---	0.0235
61	61/70/74/76	---	---	ND	---	0.0939
62	59/62/75	---	---	ND	---	0.0704
63		---	---	ND	---	0.0235
64		---	---	ND	---	0.0235
65	44/47/65	25.655	0.78	(0.429)	---	0.0704
66		---	---	ND	---	0.0554
67		---	---	ND	---	0.0235
68		---	---	ND	---	0.0235
69	49/69	25.052	0.77	(0.284)	---	0.0469
70	61/70/74/76	---	---	ND	---	0.0939
71	40/41/71	---	---	ND	---	0.0704
72		---	---	ND	---	0.0235
73	43/73	---	---	ND	---	0.0469
74	61/70/74/76	---	---	ND	---	0.0939
75	59/62/75	---	---	ND	---	0.0704
76	61/70/74/76	---	---	ND	---	0.0939
77		---	---	ND	---	0.0235
78		---	---	ND	---	0.0235
79		---	---	ND	---	0.0235
80		---	---	ND	---	0.0235
81		---	---	ND	---	0.0235
82		---	---	ND	---	0.0235
83		---	---	ND	---	0.0235
84		29.854	1.50	0.0361	---	0.0235
85	85/116/117	---	---	ND	---	0.0704
86	86/87/97/108/119/125	---	---	ND	---	0.141
87	86/87/97/108/119/125	---	---	ND	---	0.141
88	88/91	29.638	1.53	0.0919	---	0.0469
89		---	---	ND	---	0.0235
90	90/101/113	31.804	1.58	0.308	---	0.0704
91	88/91	29.638	1.53	(0.0919)	---	0.0469
92		31.200	1.54	0.0959	---	0.0235
93	93/98/100/102	---	---	ND	---	0.0939
94		---	---	ND	---	0.0235
95		28.709	1.52	0.223	---	0.0657
96		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Rannapo Rd Bridge
Lab Sample ID 10693693009
Filename P240609A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.141
98	93/98/100/102	---	---	ND	---	0.0939
99		32.407	1.54	0.136	---	0.0235
100	93/98/100/102	---	---	ND	---	0.0939
101	90/101/113	31.804	1.58	(0.308)	---	0.0704
102	93/98/100/102	---	---	ND	---	0.0939
103		28.029	1.60	0.0241	---	0.0235
104		---	---	ND	---	0.0235
105		38.197	1.64	0.0414	---	0.0235
106		---	---	ND	---	0.0235
107	107/124	---	---	ND	---	0.0469
108	86/87/97/108/119/125	---	---	ND	---	0.141
109		---	---	ND	---	0.0235
110	110/115	33.861	1.54	0.258	---	0.0469
111		---	---	ND	---	0.0235
112		---	---	ND	---	0.0235
113	90/101/113	31.804	1.58	(0.308)	---	0.0704
114		---	---	ND	---	0.0235
115	110/115	33.861	1.54	(0.258)	---	0.0469
116	85/116/117	---	---	ND	---	0.0704
117	85/116/117	---	---	ND	---	0.0704
118		36.973	1.64	0.128	---	0.0366
119	86/87/97/108/119/125	---	---	ND	---	0.141
120		---	---	ND	---	0.0235
121		---	---	ND	---	0.0235
122		---	---	ND	---	0.0235
123		---	---	ND	---	0.0235
124	107/124	---	---	ND	---	0.0469
125	86/87/97/108/119/125	---	---	ND	---	0.141
126		---	---	ND	---	0.0235
127		---	---	ND	---	0.0235
128	128/166	41.450	1.12	0.0590	---	0.0469
129	129/138/163	40.159	1.25	0.619	---	0.0704
130		39.488	1.33	0.0293	---	0.0235
131		---	---	ND	---	0.0235
132		37.057	1.33	0.143	---	0.0235
133		---	---	ND	---	0.0235
134	134/143	---	---	ND	---	0.0469
135	135/151	34.790	1.25	0.340	---	0.0469
136		32.314	1.28	0.0885	---	0.0235
137		---	---	ND	---	0.0235
138	129/138/163	40.159	1.25	(0.619)	---	0.0704
139	139/140	---	---	ND	---	0.0469
140	139/140	---	---	ND	---	0.0469
141		39.069	1.28	0.101	---	0.0235
142		---	---	ND	---	0.0235
143	134/143	---	---	ND	---	0.0469
144		35.409	1.28	0.0290	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rannapo Rd Bridge
Lab Sample ID	10693693009
Filename	P240609A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0235
146		38.231	1.22	0.125	---	0.0235
147	147/149	35.749	1.23	0.533	---	0.0469
148		---	---	ND	---	0.0235
149	147/149	35.749	1.23	(0.533)	---	0.0469
150		---	---	ND	---	0.0235
151	135/151	34.790	1.25	(0.340)	---	0.0469
152		---	---	ND	---	0.0235
153	153/168	38.868	1.27	0.582	---	0.0469
154		---	---	ND	---	0.0235
155		---	---	ND	---	0.0235
156	156/157	---	---	ND	---	0.0469
157	156/157	---	---	ND	---	0.0469
158		40.578	1.16	0.0397	---	0.0235
159		---	---	ND	---	0.0235
160		---	---	ND	---	0.0235
161		---	---	ND	---	0.0235
162		---	---	ND	---	0.0235
163	129/138/163	40.159	1.25	(0.619)	---	0.0704
164		39.840	1.21	0.0408	---	0.0235
165		---	---	ND	---	0.0235
166	128/166	41.450	1.12	(0.0590)	---	0.0469
167		---	---	ND	---	0.0235
168	153/168	38.868	1.27	(0.582)	---	0.0469
169		---	---	ND	---	0.0235
170		47.089	1.03	0.180	---	0.0235
171	171/173	43.501	0.95	0.0564	---	0.0469
172		45.144	0.98	0.0396	---	0.0235
173	171/173	43.501	0.95	(0.0564)	---	0.0469
174		42.395	1.05	0.197	---	0.0235
175		---	---	ND	---	0.0235
176		38.717	1.03	0.0302	---	0.0235
177		42.847	1.11	0.134	---	0.0235
178		40.595	0.99	0.0648	---	0.0235
179		37.828	1.01	0.109	---	0.0235
180	180/193	45.798	0.98	0.428	---	0.0469
181		---	---	ND	---	0.0235
182		---	---	ND	---	0.0235
183	183/185	42.160	1.06	0.134	---	0.0469
184		---	---	ND	---	0.0235
185	183/185	42.160	1.06	(0.134)	---	0.0469
186		---	---	ND	---	0.0235
187		41.517	1.05	0.331	---	0.0235
188		---	---	ND	---	0.0235
189		---	---	ND	---	0.0235
190		47.626	1.00	0.0426	---	0.0235
191		---	---	ND	---	0.0235
192		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rannapo Rd Bridge
Lab Sample ID	10693693009
Filename	P240609A_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.798	0.98	(0.428)	---	0.0469
194		52.371	0.91	0.0882	---	0.0235
195		50.000	0.87	0.0443	---	0.0235
196		48.448	0.85	0.0515	---	0.0235
197	197/200	---	---	ND	---	0.0469
198	198/199	47.760	0.88	0.128	---	0.0469
199	198/199	47.760	0.88	(0.128)	---	0.0469
200	197/200	---	---	ND	---	0.0469
201		---	---	ND	---	0.0235
202		---	---	ND	---	0.0235
203		48.649	0.85	0.0691	---	0.0235
204		---	---	ND	---	0.0235
205		---	---	ND	---	0.0235
206		54.569	0.75	0.0237	---	0.0235
207		---	---	ND	---	0.0235
208		---	---	ND	---	0.0235
209		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rannapo Rd Bridge
Lab Sample ID	10693693009
Filename	P240609A_12

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.257
Total Trichloro Biphenyls	0.312
Total Tetrachloro Biphenyls	1.38
Total Pentachloro Biphenyls	1.34
Total Hexachloro Biphenyls	2.73
Total Heptachloro Biphenyls	1.75
Total Octachloro Biphenyls	0.381
Total Nonachloro Biphenyls	0.0237
DecachloroBiphenyls	ND
Total PCBs	8.17

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rising Pond Dam		
Lab Sample ID	10693693010		
Filename	P240609B_04		
Injected By	JRH		
Total Amount Extracted	1830 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	05/15/2024 16:00
ICAL ID	P240609B02	Received	05/21/2024 09:45
CCal Filename(s)	P240609B_01	Extracted	06/04/2024 14:00
Method Blank ID	BLANK-113258	Analyzed	06/09/2024 17:52

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.180	3.22	2.0	1.01	50
13C-4-MoCB	3	11.882	3.13	2.0	1.23	62
13C-2,2'-DiCB	4	12.176	1.55	2.0	0.881	44
13C-4,4'-DiCB	15	19.127	1.59	2.0	1.62	81
13C-2,2',6-TrCB	19	15.899	1.06	2.0	1.03	52
13C-3,4,4'-TrCB	37	26.836	1.03	2.0	1.71	86
13C-2,2',6,6'-TeCB	54	19.441	0.83	2.0	0.971	49
13C-3,4,4',5-TeCB	81	33.928	0.79	2.0	2.01	100
13C-3,3',4,4'-TeCB	77	34.515	0.81	2.0	2.25	113
13C-2,2',4,6,6'-PeCB	104	25.490	1.60	2.0	1.09	55
13C-2,3,3',4,4'-PeCB	105	38.118	1.66	2.0	2.29	115
13C-2,3,4,4',5-PeCB	114	37.447	1.71	2.0	2.14	107
13C-2,3',4,4',5-PeCB	118	36.894	1.60	2.0	2.15	108
13C-2,3',4,4',5'-PeCB	123	36.558	1.65	2.0	2.11	106
13C-3,3',4,4',5-PeCB	126	41.287	1.59	2.0	2.42	121
13C-2,2',4,4',6,6'-HxCB	155	31.499	1.24	2.0	1.13	57
13C-HxCB(156/157)	156/157	44.361	1.30	4.0	4.03	101
13C-2,3',4,4',5,5'-HxCB	167	43.171	1.30	2.0	2.03	102
13C-3,3',4,4',5,5'-HxCB	169	47.648	1.28	2.0	2.16	108
13C-2,2',3,4',5,6,6'-HpCB	188	37.414	1.01	2.0	1.10	55
13C-2,3,3',4,4',5,5'-HpCB	189	50.200	1.08	2.0	1.81	90
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.902	0.91	2.0	1.28	64
13C-2,3,3',4,4',5,5',6-OcCB	205	52.786	0.88	2.0	1.70	85
13C-2,2',3,3',4,4',5,5',6-NoCB	206	54.510	0.79	2.0	1.69	84
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	49.682	0.79	2.0	1.63	81
13C-DeCB	209	56.127	0.70	2.0	1.73	86
CleanupStandards						
13C-2,4,4'-TrCB	28	22.489	1.09	2.0	1.58	79
13C-2,3,3',5,5'-PeCB	111	34.531	1.54	2.0	1.79	90
13C-2,2',3,3',5,5',6-HpCB	178	40.533	1.06	2.0	1.56	78
Recovery Standards						
13C-2,5-DiCB	9	14.562	1.64	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	24.469	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.746	1.62	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.097	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	52.290	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10693693010
Filename	P240609B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
1		9.191	3.01	0.0331		---	0.0219
2		---	---	ND		---	0.0219
3		---	---	ND		---	0.0219
4		12.199	1.53	0.783	A	---	0.0851
5		---	---	ND		---	0.0219
6		---	---	ND		---	0.0219
7		---	---	ND		---	0.0219
8		15.579	1.79	0.0260		---	0.0219
9		---	---	ND		---	0.0219
10		---	---	ND	A	---	0.0351
11		---	---	ND		---	0.214
12	12/13	---	---	ND		---	0.0437
13	12/13	---	---	ND		---	0.0437
14		---	---	ND		---	0.0219
15		19.138	1.47	0.0721		---	0.0289
16		---	---	ND		---	0.0219
17		18.552	1.10	0.126		---	0.0219
18	18/30	18.088	1.10	0.104		---	0.0437
19		15.921	1.03	0.598		---	0.0219
20	20/28	22.520	1.14	0.133		---	0.113
21	21/33	---	---	ND		---	0.118
22		---	---	ND		---	0.0831
23		---	---	ND		---	0.0219
24		---	---	ND		---	0.0219
25		21.854	1.00	0.0634		---	0.0219
26	26/29	21.576	1.05	0.0822		---	0.0437
27		18.806	1.04	0.0977		---	0.0219
28	20/28	22.520	1.14	(0.133)		---	0.113
29	26/29	21.576	1.05	(0.0822)		---	0.0437
30	18/30	18.088	1.10	(0.104)		---	0.0437
31		---	---	ND		---	0.114
32		19.673	1.01	0.110		---	0.0219
33	21/33	---	---	ND		---	0.118
34		---	---	ND		---	0.0219
35		---	---	ND		---	0.0219
36		---	---	ND		---	0.0219
37		---	---	ND		---	0.0464
38		---	---	ND		---	0.0219
39		---	---	ND		---	0.0219
40	40/41/71	26.666	0.83	0.239		---	0.0656
41	40/41/71	26.666	0.83	(0.239)		---	0.0656
42		26.139	0.87	0.0914		---	0.0219
43	43/73	24.654	0.71	0.0501		---	0.0437
44	44/47/65	25.614	0.81	1.64		---	0.0656
45	45/51	22.705	0.80	0.762		---	0.0437
46		22.953	0.76	0.0539		---	0.0219
47	44/47/65	25.614	0.81	(1.64)		---	0.0656
48		---	---	ND		---	0.0219

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10693693010
Filename	P240609B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	25.026	0.78	0.992	---	0.0437
50	50/53	21.870	0.77	0.727	---	0.0437
51	45/51	22.705	0.80	(0.762)	---	0.0437
52		24.500	0.78	0.646	---	0.113
53	50/53	21.870	0.77	(0.727)	---	0.0437
54		19.472	0.80	0.269	---	0.0219
55		---	---	ND	---	0.0219
56		---	---	ND	---	0.0219
57		---	---	ND	---	0.0219
58		---	---	ND	---	0.0219
59	59/62/75	---	---	ND	---	0.0656
60		---	---	ND	---	0.0219
61	61/70/74/76	29.611	0.75	0.135	---	0.0875
62	59/62/75	---	---	ND	---	0.0656
63		---	---	ND	---	0.0219
64		26.913	0.77	0.0389	---	0.0219
65	44/47/65	25.614	0.81	(1.64)	---	0.0656
66		29.952	0.86	0.153	---	0.0516
67		---	---	ND	---	0.0219
68		28.080	0.80	0.0282	---	0.0219
69	49/69	25.026	0.78	(0.992)	---	0.0437
70	61/70/74/76	29.611	0.75	(0.135)	---	0.0875
71	40/41/71	26.666	0.83	(0.239)	---	0.0656
72		---	---	ND	---	0.0219
73	43/73	24.654	0.71	(0.0501)	---	0.0437
74	61/70/74/76	29.611	0.75	(0.135)	---	0.0875
75	59/62/75	---	---	ND	---	0.0656
76	61/70/74/76	29.611	0.75	(0.135)	---	0.0875
77		---	---	ND	---	0.0219
78		---	---	ND	---	0.0219
79		---	---	ND	---	0.0219
80		---	---	ND	---	0.0219
81		---	---	ND	---	0.0219
82		34.175	1.65	0.0264	---	0.0219
83		32.241	1.41	0.0294	---	0.0219
84		29.843	1.49	0.100	---	0.0219
85	85/116/117	33.665	1.53	0.105	---	0.0656
86	86/87/97/108/119/125	32.891	1.53	0.355	---	0.131
87	86/87/97/108/119/125	32.891	1.53	(0.355)	---	0.131
88	88/91	29.596	1.55	0.361	---	0.0437
89		---	---	ND	---	0.0219
90	90/101/113	31.777	1.56	1.04	---	0.0656
91	88/91	29.596	1.55	(0.361)	---	0.0437
92		31.158	1.45	0.327	---	0.0219
93	93/98/100/102	28.915	1.49	0.269	---	0.0875
94		28.235	1.60	0.0672	---	0.0219
95		28.683	1.59	0.694	---	0.0612
96		25.923	1.58	0.0380	---	0.0219

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10693693010
Filename	P240609B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	32.891	1.53	(0.355)	---	0.131
98	93/98/100/102	28.915	1.49	(0.269)	---	0.0875
99		32.381	1.62	0.455	---	0.0219
100	93/98/100/102	28.915	1.49	(0.269)	---	0.0875
101	90/101/113	31.777	1.56	(1.04)	---	0.0656
102	93/98/100/102	28.915	1.49	(0.269)	---	0.0875
103		27.972	1.56	0.0938	---	0.0219
104		25.521	1.38	0.0306	---	0.0219
105		38.134	1.54	0.0913	---	0.0219
106		---	---	ND	---	0.0219
107	107/124	---	---	ND	---	0.0437
108	86/87/97/108/119/125	32.891	1.53	(0.355)	---	0.131
109		36.474	1.55	0.0400	---	0.0219
110	110/115	33.835	1.58	0.739	---	0.0437
111		---	---	ND	---	0.0219
112		---	---	ND	---	0.0219
113	90/101/113	31.777	1.56	(1.04)	---	0.0656
114		---	---	ND	---	0.0219
115	110/115	33.835	1.58	(0.739)	---	0.0437
116	85/116/117	33.665	1.53	(0.105)	---	0.0656
117	85/116/117	33.665	1.53	(0.105)	---	0.0656
118		36.927	1.57	0.341	---	0.0341
119	86/87/97/108/119/125	32.891	1.53	(0.355)	---	0.131
120		---	---	ND	---	0.0219
121		---	---	ND	---	0.0219
122		---	---	ND	---	0.0219
123		---	---	ND	---	0.0219
124	107/124	---	---	ND	---	0.0437
125	86/87/97/108/119/125	32.891	1.53	(0.355)	---	0.131
126		---	---	ND	---	0.0219
127		---	---	ND	---	0.0219
128	128/166	41.421	1.25	0.176	---	0.0437
129	129/138/163	40.130	1.26	2.23	---	0.0656
130		39.459	1.31	0.111	---	0.0219
131		---	---	ND	---	0.0219
132		37.028	1.22	0.593	---	0.0219
133		37.548	1.15	0.0605	---	0.0219
134	134/143	35.938	1.27	0.115	---	0.0437
135	135/151	34.763	1.23	1.09	---	0.0437
136		32.288	1.24	0.308	---	0.0219
137		39.677	1.13	0.0347	---	0.0219
138	129/138/163	40.130	1.26	(2.23)	---	0.0656
139	139/140	---	---	ND	---	0.0437
140	139/140	---	---	ND	---	0.0437
141		39.040	1.24	0.424	---	0.0219
142		---	---	ND	---	0.0219
143	134/143	35.938	1.27	(0.115)	---	0.0437
144		35.366	1.29	0.0932	---	0.0219

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10693693010
Filename	P240609B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0219
146		38.201	1.33	0.445	---	0.0219
147	147/149	35.736	1.26	2.28	---	0.0437
148		---	---	ND	---	0.0219
149	147/149	35.736	1.26	(2.28)	---	0.0437
150		---	---	ND	---	0.0219
151	135/151	34.763	1.23	(1.09)	---	0.0437
152		---	---	ND	---	0.0219
153	153/168	38.839	1.26	2.28	---	0.0437
154		35.041	1.18	0.0708	---	0.0219
155		---	---	ND	---	0.0219
156	156/157	44.361	1.32	0.110	---	0.0437
157	156/157	44.361	1.32	(0.110)	---	0.0437
158		40.533	1.25	0.144	---	0.0219
159		---	---	ND	---	0.0219
160		---	---	ND	---	0.0219
161		---	---	ND	---	0.0219
162		---	---	ND	---	0.0219
163	129/138/163	40.130	1.26	(2.23)	---	0.0656
164		39.812	1.24	0.161	---	0.0219
165		---	---	ND	---	0.0219
166	128/166	41.421	1.25	(0.176)	---	0.0437
167		43.187	1.32	0.0712	---	0.0219
168	153/168	38.839	1.26	(2.28)	---	0.0437
169		---	---	ND	---	0.0219
170		47.061	1.01	0.757	---	0.0219
171	171/173	43.456	0.99	0.245	---	0.0437
172		45.099	1.08	0.158	---	0.0219
173	171/173	43.456	0.99	(0.245)	---	0.0437
174		42.366	1.03	0.906	---	0.0219
175		41.220	1.00	0.0382	---	0.0219
176		38.688	1.01	0.111	---	0.0219
177		42.818	1.02	0.585	---	0.0219
178		40.566	1.05	0.247	---	0.0219
179		37.782	1.07	0.432	---	0.0219
180	180/193	45.770	1.04	1.79	---	0.0437
181		---	---	ND	---	0.0219
182		---	---	ND	---	0.0219
183	183/185	42.131	1.03	0.610	---	0.0437
184		---	---	ND	---	0.0219
185	183/185	42.131	1.03	(0.610)	---	0.0437
186		---	---	ND	---	0.0219
187		41.488	1.03	1.23	---	0.0219
188		---	---	ND	---	0.0219
189		50.221	1.17	0.0328	---	0.0219
190		47.581	0.96	0.173	---	0.0219
191		46.105	1.07	0.0304	---	0.0219
192		---	---	ND	---	0.0219

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10693693010
Filename	P240609B_04

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.770	1.04	(1.79)	---	0.0437
194		52.333	0.92	0.402	---	0.0219
195		49.962	0.86	0.188	---	0.0219
196		48.403	0.87	0.214	---	0.0219
197	197/200	44.898	0.87	0.0770	---	0.0437
198	198/199	47.749	0.94	0.520	---	0.0437
199	198/199	47.749	0.94	(0.520)	---	0.0437
200	197/200	44.898	0.87	(0.0770)	---	0.0437
201		43.858	0.94	0.0564	---	0.0219
202		42.919	0.91	0.0943	---	0.0219
203		48.604	0.92	0.279	---	0.0219
204		---	---	ND	---	0.0219
205		52.807	0.96	0.0256	---	0.0219
206		54.532	0.78	0.0986	---	0.0219
207		---	---	ND	---	0.0219
208		---	---	ND	---	0.0219
209		---	---	ND	---	0.0219

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rising Pond Dam
Lab Sample ID	10693693010
Filename	P240609B_04

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0331
Total Dichloro Biphenyls	0.881
Total Trichloro Biphenyls	1.31
Total Tetrachloro Biphenyls	5.83
Total Pentachloro Biphenyls	5.20
Total Hexachloro Biphenyls	10.8
Total Heptachloro Biphenyls	7.34
Total Octachloro Biphenyls	1.86
Total Nonachloro Biphenyls	0.0986
DecachloroBiphenyls	ND
Total PCBs	33.4

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	HR-D1		
Lab Sample ID	10693693011		
Filename	P240609B_05		
Injected By	JRH		
Total Amount Extracted	1860 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	05/15/2024
ICAL ID	P240609B02	Received	05/21/2024 09:45
CCal Filename(s)	P240609B_01	Extracted	06/04/2024 14:00
Method Blank ID	BLANK-113258	Analyzed	06/09/2024 18:52

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.191	3.09	2.0	0.889	44
13C-4-MoCB	3	11.894	3.17	2.0	1.08	54
13C-2,2'-DiCB	4	12.188	1.54	2.0	0.756	38
13C-4,4'-DiCB	15	19.128	1.65	2.0	1.50	75
13C-2,2',6-TrCB	19	15.911	1.09	2.0	0.905	45
13C-3,4,4'-TrCB	37	26.838	1.10	2.0	1.68	84
13C-2,2',6,6'-TeCB	54	19.458	0.82	2.0	0.863	43
13C-3,4,4',5-TeCB	81	33.930	0.79	2.0	2.00	100
13C-3,3',4,4'-TeCB	77	34.518	0.79	2.0	2.24	112
13C-2,2',4,6,6'-PeCB	104	25.507	1.52	2.0	0.940	47
13C-2,3,3',4,4'-PeCB	105	38.139	1.64	2.0	2.24	112
13C-2,3,4,4',5-PeCB	114	37.468	1.63	2.0	2.13	107
13C-2,3',4,4',5-PeCB	118	36.915	1.60	2.0	2.14	107
13C-2,3',4,4',5'-PeCB	123	36.579	1.60	2.0	2.06	103
13C-3,3',4,4',5-PeCB	126	41.292	1.60	2.0	2.41	121
13C-2,2',4,4',6,6'-HxCB	155	31.517	1.26	2.0	0.940	47
13C-HxCB(156/157)	156/157	44.366	1.32	4.0	3.81	95
13C-2,3',4,4',5,5'-HxCB	167	43.175	1.28	2.0	1.91	96
13C-3,3',4,4',5,5'-HxCB	169	47.653	1.32	2.0	2.06	103
13C-2,2',3,4',5,6,6'-HpCB	188	37.418	1.06	2.0	1.04	52
13C-2,3,3',4,4',5,5'-HpCB	189	50.205	1.08	2.0	1.76	88
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.907	0.91	2.0	1.23	62
13C-2,3,3',4,4',5,5',6-OcCB	205	52.792	0.90	2.0	1.65	83
13C-2,2',3,3',4,4',5,5',6-NoCB	206	54.516	0.81	2.0	1.59	80
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	49.688	0.80	2.0	1.55	77
13C-DeCB	209	56.133	0.69	2.0	1.61	81
CleanupStandards						
13C-2,4,4'-TrCB	28	22.490	1.09	2.0	1.56	78
13C-2,3,3',5,5'-PeCB	111	34.534	1.58	2.0	1.73	87
13C-2,2',3,3',5,5',6-HpCB	178	40.554	1.07	2.0	1.43	72
Recovery Standards						
13C-2,5-DiCB	9	14.573	1.61	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	24.486	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.764	1.63	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.101	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	52.317	0.93	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-D1
Lab Sample ID	10693693011
Filename	P240609B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L		EML ng/L
1		9.202	3.25	0.0348		---		0.0215
2		---	---	ND		---		0.0215
3		---	---	ND		---		0.0215
4		12.210	1.44	0.865	A	---		0.0610
5		---	---	ND		---		0.0215
6		---	---	ND		---		0.0215
7		---	---	ND		---		0.0215
8		15.590	1.55	0.0324		---		0.0215
9		---	---	ND		---		0.0215
10		12.425	0.77	---	~~A~~	0.0300	UX	0.0237
11		---	---	ND		---		0.211
12	12/13	---	---	ND		---		0.0431
13	12/13	---	---	ND		---		0.0431
14		---	---	ND		---		0.0215
15		19.150	1.54	0.0784		---		0.0284
16		---	---	ND		---		0.0215
17		18.553	1.09	0.130		---		0.0215
18	18/30	18.089	1.08	0.102		---		0.0431
19		15.933	1.05	0.643		---		0.0215
20	20/28	22.521	1.08	0.140		---		0.111
21	21/33	---	---	ND		---		0.116
22		---	---	ND		---		0.0818
23		---	---	ND		---		0.0215
24		---	---	ND		---		0.0215
25		21.856	1.01	0.0682		---		0.0215
26	26/29	21.593	1.11	0.0859		---		0.0431
27		18.796	1.05	0.0990		---		0.0215
28	20/28	22.521	1.08	(0.140)		---		0.111
29	26/29	21.593	1.11	(0.0859)		---		0.0431
30	18/30	18.089	1.08	(0.102)		---		0.0431
31		---	---	ND		---		0.112
32		19.690	1.11	0.114		---		0.0215
33	21/33	---	---	ND		---		0.116
34		---	---	ND		---		0.0215
35		---	---	ND		---		0.0215
36		---	---	ND		---		0.0215
37		---	---	ND		---		0.0457
38		---	---	ND		---		0.0215
39		---	---	ND		---		0.0215
40	40/41/71	26.683	0.84	0.235		---		0.0646
41	40/41/71	26.683	0.84	(0.235)		---		0.0646
42		26.142	0.78	0.0922		---		0.0215
43	43/73	24.672	0.85	0.0492		---		0.0431
44	44/47/65	25.631	0.80	1.66		---		0.0646
45	45/51	22.707	0.78	0.731		---		0.0431
46		22.954	0.74	0.0541		---		0.0215
47	44/47/65	25.631	0.80	(1.66)		---		0.0646
48		---	---	ND		---		0.0215

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-D1
Lab Sample ID	10693693011
Filename	P240609B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	25.043	0.79	0.998	---	0.0431
50	50/53	21.887	0.80	0.690	---	0.0431
51	45/51	22.707	0.78	(0.731)	---	0.0431
52		24.501	0.78	0.648	---	0.111
53	50/53	21.887	0.80	(0.690)	---	0.0431
54		19.488	0.78	0.280	---	0.0215
55		---	---	ND	---	0.0215
56		---	---	ND	---	0.0215
57		---	---	ND	---	0.0215
58		---	---	ND	---	0.0215
59	59/62/75	---	---	ND	---	0.0646
60		---	---	ND	---	0.0215
61	61/70/74/76	29.614	0.82	0.136	---	0.0861
62	59/62/75	---	---	ND	---	0.0646
63		---	---	ND	---	0.0215
64		26.915	0.74	0.0403	---	0.0215
65	44/47/65	25.631	0.80	(1.66)	---	0.0646
66		29.969	0.83	0.155	---	0.0508
67		---	---	ND	---	0.0215
68		28.097	0.77	0.0305	---	0.0215
69	49/69	25.043	0.79	(0.998)	---	0.0431
70	61/70/74/76	29.614	0.82	(0.136)	---	0.0861
71	40/41/71	26.683	0.84	(0.235)	---	0.0646
72		---	---	ND	---	0.0215
73	43/73	24.672	0.85	(0.0492)	---	0.0431
74	61/70/74/76	29.614	0.82	(0.136)	---	0.0861
75	59/62/75	---	---	ND	---	0.0646
76	61/70/74/76	29.614	0.82	(0.136)	---	0.0861
77		---	---	ND	---	0.0215
78		---	---	ND	---	0.0215
79		---	---	ND	---	0.0215
80		---	---	ND	---	0.0215
81		---	---	ND	---	0.0215
82		34.162	1.78	0.0270	---	0.0215
83		32.259	1.70	0.0366	---	0.0215
84		29.830	1.52	0.100	---	0.0215
85	85/116/117	33.667	1.72	0.103	---	0.0646
86	86/87/97/108/119/125	32.894	1.53	0.369	---	0.129
87	86/87/97/108/119/125	32.894	1.53	(0.369)	---	0.129
88	88/91	29.614	1.58	0.358	---	0.0431
89		---	---	ND	---	0.0215
90	90/101/113	31.780	1.53	1.08	---	0.0646
91	88/91	29.614	1.58	(0.358)	---	0.0431
92		31.161	1.57	0.322	---	0.0215
93	93/98/100/102	28.917	1.52	0.269	---	0.0861
94		28.221	1.45	0.0653	---	0.0215
95		28.701	1.58	0.717	---	0.0603
96		25.940	1.49	0.0330	---	0.0215

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID HR-D1
Lab Sample ID 10693693011
Filename P240609B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	32.894	1.53	(0.369)	---	0.129
98	93/98/100/102	28.917	1.52	(0.269)	---	0.0861
99		32.383	1.54	0.469	---	0.0215
100	93/98/100/102	28.917	1.52	(0.269)	---	0.0861
101	90/101/113	31.780	1.53	(1.08)	---	0.0646
102	93/98/100/102	28.917	1.52	(0.269)	---	0.0861
103		27.989	1.64	0.0918	---	0.0215
104		25.538	1.34	0.0304	---	0.0215
105		38.156	1.69	0.0866	---	0.0215
106		---	---	ND	---	0.0215
107	107/124	---	---	ND	---	0.0431
108	86/87/97/108/119/125	32.894	1.53	(0.369)	---	0.129
109		36.479	1.66	0.0469	---	0.0215
110	110/115	33.838	1.57	0.767	---	0.0431
111		---	---	ND	---	0.0215
112		---	---	ND	---	0.0215
113	90/101/113	31.780	1.53	(1.08)	---	0.0646
114		---	---	ND	---	0.0215
115	110/115	33.838	1.57	(0.767)	---	0.0431
116	85/116/117	33.667	1.72	(0.103)	---	0.0646
117	85/116/117	33.667	1.72	(0.103)	---	0.0646
118		36.931	1.66	0.369	---	0.0336
119	86/87/97/108/119/125	32.894	1.53	(0.369)	---	0.129
120		---	---	ND	---	0.0215
121		---	---	ND	---	0.0215
122		---	---	ND	---	0.0215
123		---	---	ND	---	0.0215
124	107/124	---	---	ND	---	0.0431
125	86/87/97/108/119/125	32.894	1.53	(0.369)	---	0.129
126		---	---	ND	---	0.0215
127		---	---	ND	---	0.0215
128	128/166	41.443	1.34	0.175	---	0.0431
129	129/138/163	40.135	1.27	2.38	---	0.0646
130		39.464	1.19	0.124	---	0.0215
131		---	---	ND	---	0.0215
132		37.049	1.27	0.600	---	0.0215
133		37.552	1.34	0.0640	---	0.0215
134	134/143	35.942	1.22	0.111	---	0.0431
135	135/151	34.781	1.27	1.11	---	0.0431
136		32.290	1.24	0.303	---	0.0215
137		39.682	1.19	0.0339	---	0.0215
138	129/138/163	40.135	1.27	(2.38)	---	0.0646
139	139/140	---	---	ND	---	0.0431
140	139/140	---	---	ND	---	0.0431
141		39.045	1.27	0.434	---	0.0215
142		---	---	ND	---	0.0215
143	134/143	35.942	1.22	(0.111)	---	0.0431
144		35.369	1.20	0.0986	---	0.0215

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-D1
Lab Sample ID	10693693011
Filename	P240609B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0215
146		38.223	1.23	0.489	---	0.0215
147	147/149	35.741	1.24	2.36	---	0.0431
148		---	---	ND	---	0.0215
149	147/149	35.741	1.24	(2.36)	---	0.0431
150		---	---	ND	---	0.0215
151	135/151	34.781	1.27	(1.11)	---	0.0431
152		---	---	ND	---	0.0215
153	153/168	38.843	1.22	2.42	---	0.0431
154		35.044	1.24	0.0696	---	0.0215
155		---	---	ND	---	0.0215
156	156/157	44.366	1.29	0.117	---	0.0431
157	156/157	44.366	1.29	(0.117)	---	0.0431
158		40.537	1.29	0.152	---	0.0215
159		---	---	ND	---	0.0215
160		---	---	ND	---	0.0215
161		---	---	ND	---	0.0215
162		---	---	ND	---	0.0215
163	129/138/163	40.135	1.27	(2.38)	---	0.0646
164		39.816	1.28	0.175	---	0.0215
165		---	---	ND	---	0.0215
166	128/166	41.443	1.34	(0.175)	---	0.0431
167		43.209	1.16	0.0736	---	0.0215
168	153/168	38.843	1.22	(2.42)	---	0.0431
169		---	---	ND	---	0.0215
170		47.066	1.00	0.806	---	0.0215
171	171/173	43.461	1.08	0.267	---	0.0431
172		45.104	1.05	0.172	---	0.0215
173	171/173	43.461	1.08	(0.267)	---	0.0431
174		42.387	1.06	0.949	---	0.0215
175		41.225	0.99	0.0354	---	0.0215
176		38.709	1.03	0.120	---	0.0215
177		42.823	1.05	0.622	---	0.0215
178		40.571	1.08	0.260	---	0.0215
179		37.804	1.06	0.446	---	0.0215
180	180/193	45.775	1.03	1.91	---	0.0431
181		---	---	ND	---	0.0215
182		---	---	ND	---	0.0215
183	183/185	42.136	1.02	0.657	---	0.0431
184		---	---	ND	---	0.0215
185	183/185	42.136	1.02	(0.657)	---	0.0431
186		---	---	ND	---	0.0215
187		41.493	1.03	1.28	---	0.0215
188		---	---	ND	---	0.0215
189		50.227	1.03	0.0339	---	0.0215
190		47.603	1.06	0.185	---	0.0215
191		46.127	1.02	0.0301	---	0.0215
192		---	---	ND	---	0.0215

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	HR-D1
Lab Sample ID	10693693011
Filename	P240609B_05

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.775	1.03	(1.91)	---	0.0431
194		52.339	0.94	0.428	---	0.0215
195		49.968	0.87	0.192	---	0.0215
196		48.425	0.94	0.226	---	0.0215
197	197/200	44.920	0.92	0.0816	---	0.0431
198	198/199	47.754	0.88	0.506	---	0.0431
199	198/199	47.754	0.88	(0.506)	---	0.0431
200	197/200	44.920	0.92	(0.0816)	---	0.0431
201		43.863	0.92	0.0589	---	0.0215
202		42.941	0.87	0.101	---	0.0215
203		48.609	0.90	0.292	---	0.0215
204		---	---	ND	---	0.0215
205		52.813	0.83	0.0279	---	0.0215
206		54.559	0.81	0.105	---	0.0215
207		---	---	ND	---	0.0215
208		49.731	0.81	0.0220	---	0.0215
209		---	---	ND	---	0.0215

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	HR-D1
Lab Sample ID	10693693011
Filename	P240609B_05

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0348
Total Dichloro Biphenyls	0.976
Total Trichloro Biphenyls	1.38
Total Tetrachloro Biphenyls	5.80
Total Pentachloro Biphenyls	5.34
Total Hexachloro Biphenyls	11.3
Total Heptachloro Biphenyls	7.76
Total Octachloro Biphenyls	1.91
Total Nonachloro Biphenyls	0.127
DecachloroBiphenyls	ND
Total PCBs	34.6

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Old Pleasant Street Bridge		
Lab Sample ID	10693693012		
Filename	P240609B_06		
Injected By	JRH		
Total Amount Extracted	1690 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	05/15/2024 17:45
ICAL ID	P240609B02	Received	05/21/2024 09:45
CCal Filename(s)	P240609B_01	Extracted	06/04/2024 14:00
Method Blank ID	BLANK-113258	Analyzed	06/09/2024 19:52

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.361	3.05	2.0	0.984	49
13C-4-MoCB	3	11.996	3.12	2.0	1.16	58
13C-2,2'-DiCB	4	12.290	1.56	2.0	0.777	39
13C-4,4'-DiCB	15	19.161	1.62	2.0	1.65	83
13C-2,2',6-TrCB	19	15.966	1.05	2.0	0.967	48
13C-3,4,4'-TrCB	37	26.837	1.05	2.0	1.86	93
13C-2,2',6,6'-TeCB	54	19.488	0.80	2.0	0.963	48
13C-3,4,4',5-TeCB	81	33.930	0.81	2.0	2.14	107
13C-3,3',4,4'-TeCB	77	34.518	0.80	2.0	2.52	126
13C-2,2',4,6,6'-PeCB	104	25.491	1.55	2.0	1.04	52
13C-2,3,3',4,4'-PeCB	105	38.122	1.59	2.0	2.37	119
13C-2,3,4,4',5-PeCB	114	37.451	1.63	2.0	2.26	113
13C-2,3',4,4',5-PeCB	118	36.898	1.61	2.0	2.29	114
13C-2,3',4,4',5'-PeCB	123	36.563	1.60	2.0	2.32	116
13C-3,3',4,4',5-PeCB	126	41.292	1.63	2.0	2.60	130
13C-2,2',4,4',6,6'-HxCB	155	31.501	1.26	2.0	1.02	51
13C-HxCB(156/157)	156/157	44.349	1.28	4.0	4.18	105
13C-2,3',4,4',5,5'-HxCB	167	43.175	1.30	2.0	2.08	104
13C-3,3',4,4',5,5'-HxCB	169	47.653	1.26	2.0	2.22	111
13C-2,2',3,4',5,6,6'-HpCB	188	37.418	1.08	2.0	1.12	56
13C-2,3,3',4,4',5,5'-HpCB	189	50.204	1.07	2.0	1.90	95
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.907	0.88	2.0	1.34	67
13C-2,3,3',4,4',5,5',6-OcCB	205	52.791	0.87	2.0	1.73	87
13C-2,2',3,3',4,4',5,5',6-NoCB	206	54.515	0.79	2.0	1.69	84
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	49.687	0.79	2.0	1.65	82
13C-DeCB	209	56.110	0.71	2.0	1.68	84
CleanupStandards						
13C-2,4,4'-TrCB	28	22.505	1.08	2.0	1.60	80
13C-2,3,3',5,5'-PeCB	111	34.534	1.58	2.0	1.84	92
13C-2,2',3,3',5,5',6-HpCB	178	40.537	1.05	2.0	1.46	73
Recovery Standards						
13C-2,5-DiCB	9	14.640	1.57	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	24.486	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.749	1.57	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.101	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	52.317	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Old Pleasant Street Bridge
Lab Sample ID	10693693012
Filename	P240609B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
1		9.372	2.99	0.0804		---	0.0237
2		---	---	ND		---	0.0237
3		---	---	ND		---	0.0237
4		12.301	1.44	2.10	A	---	0.0996
5		---	---	ND		---	0.0237
6		15.148	1.77	0.0466		---	0.0237
7		---	---	ND		---	0.0237
8		15.646	1.55	0.0643		---	0.0237
9		---	---	ND		---	0.0237
10		12.505	1.43	0.0742	A	---	0.0324
11		---	---	ND		---	0.233
12	12/13	---	---	ND		---	0.0474
13	12/13	---	---	ND		---	0.0474
14		---	---	ND		---	0.0237
15		19.183	1.56	0.143		---	0.0313
16		19.117	1.06	0.0427		---	0.0237
17		18.597	1.03	0.269		---	0.0237
18	18/30	18.133	1.05	0.205		---	0.0474
19		16.000	1.08	1.46		---	0.0237
20	20/28	22.521	1.10	0.262		---	0.122
21	21/33	---	---	ND		---	0.128
22		---	---	ND		---	0.0902
23		---	---	ND		---	0.0237
24		---	---	ND		---	0.0237
25		21.871	1.03	0.142		---	0.0237
26	26/29	21.608	1.04	0.177		---	0.0474
27		18.841	1.09	0.207		---	0.0237
28	20/28	22.521	1.10	(0.262)		---	0.122
29	26/29	21.608	1.04	(0.177)		---	0.0474
30	18/30	18.133	1.05	(0.205)		---	0.0474
31		22.211	1.04	0.157		---	0.123
32		19.705	1.08	0.354		---	0.0237
33	21/33	---	---	ND		---	0.128
34		---	---	ND		---	0.0237
35		---	---	ND		---	0.0237
36		---	---	ND		---	0.0237
37		---	---	ND		---	0.0503
38		---	---	ND		---	0.0237
39		---	---	ND		---	0.0237
40	40/41/71	26.683	0.82	0.513		---	0.0712
41	40/41/71	26.683	0.82	(0.513)		---	0.0712
42		26.141	0.76	0.181		---	0.0237
43	43/73	24.656	0.79	0.101		---	0.0474
44	44/47/65	25.631	0.79	3.40		---	0.0712
45	45/51	22.706	0.80	1.84		---	0.0474
46		22.969	0.75	0.110		---	0.0237
47	44/47/65	25.631	0.79	(3.40)		---	0.0712
48		---	---	ND		---	0.0237

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Old Pleasant Street Bridge
Lab Sample ID	10693693012
Filename	P240609B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	25.027	0.78	1.97	---	0.0474
50	50/53	21.902	0.79	1.45	---	0.0474
51	45/51	22.706	0.80	(1.84)	---	0.0474
52		24.501	0.79	1.25	---	0.122
53	50/53	21.902	0.79	(1.45)	---	0.0474
54		19.519	0.79	0.590	---	0.0237
55		---	---	ND	---	0.0237
56		30.666	0.81	0.0282	---	0.0237
57		---	---	ND	---	0.0237
58		---	---	ND	---	0.0237
59	59/62/75	---	---	ND	---	0.0712
60		---	---	ND	---	0.0237
61	61/70/74/76	29.613	0.80	0.260	---	0.0949
62	59/62/75	---	---	ND	---	0.0712
63		29.258	0.73	0.0255	---	0.0237
64		26.899	0.77	0.0711	---	0.0237
65	44/47/65	25.631	0.79	(3.40)	---	0.0712
66		29.954	0.80	0.286	---	0.0560
67		---	---	ND	---	0.0237
68		28.097	0.83	0.0573	---	0.0237
69	49/69	25.027	0.78	(1.97)	---	0.0474
70	61/70/74/76	29.613	0.80	(0.260)	---	0.0949
71	40/41/71	26.683	0.82	(0.513)	---	0.0712
72		27.803	0.77	0.0370	---	0.0237
73	43/73	24.656	0.79	(0.101)	---	0.0474
74	61/70/74/76	29.613	0.80	(0.260)	---	0.0949
75	59/62/75	---	---	ND	---	0.0712
76	61/70/74/76	29.613	0.80	(0.260)	---	0.0949
77		---	---	ND	---	0.0237
78		---	---	ND	---	0.0237
79		---	---	ND	---	0.0237
80		---	---	ND	---	0.0237
81		---	---	ND	---	0.0237
82		34.178	1.76	0.0485	---	0.0237
83		32.244	1.50	0.0646	---	0.0237
84		29.830	1.52	0.196	---	0.0237
85	85/116/117	33.652	1.50	0.195	---	0.0712
86	86/87/97/108/119/125	32.893	1.56	0.693	---	0.142
87	86/87/97/108/119/125	32.893	1.56	(0.693)	---	0.142
88	88/91	29.598	1.57	0.734	---	0.0474
89		---	---	ND	---	0.0237
90	90/101/113	31.764	1.55	2.03	---	0.0712
91	88/91	29.598	1.57	(0.734)	---	0.0474
92		31.160	1.56	0.620	---	0.0237
93	93/98/100/102	28.917	1.56	0.586	---	0.0949
94		28.221	1.55	0.143	---	0.0237
95		28.685	1.59	1.39	---	0.0664
96		25.909	1.54	0.0756	---	0.0237

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Old Pleasant Street Bridge
Lab Sample ID	10693693012
Filename	P240609B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	32.893	1.56	(0.693)	---	0.142
98	93/98/100/102	28.917	1.56	(0.586)	---	0.0949
99		32.383	1.56	0.863	---	0.0237
100	93/98/100/102	28.917	1.56	(0.586)	---	0.0949
101	90/101/113	31.764	1.55	(2.03)	---	0.0712
102	93/98/100/102	28.917	1.56	(0.586)	---	0.0949
103		27.989	1.69	0.201	---	0.0237
104		25.522	1.64	0.0648	---	0.0237
105		38.155	1.59	0.164	---	0.0237
106		---	---	ND	---	0.0237
107	107/124	---	---	ND	---	0.0474
108	86/87/97/108/119/125	32.893	1.56	(0.693)	---	0.142
109		36.479	1.65	0.0855	---	0.0237
110	110/115	33.822	1.61	1.37	---	0.0474
111		---	---	ND	---	0.0237
112		---	---	ND	---	0.0237
113	90/101/113	31.764	1.55	(2.03)	---	0.0712
114		---	---	ND	---	0.0237
115	110/115	33.822	1.61	(1.37)	---	0.0474
116	85/116/117	33.652	1.50	(0.195)	---	0.0712
117	85/116/117	33.652	1.50	(0.195)	---	0.0712
118		36.931	1.58	0.680	---	0.0370
119	86/87/97/108/119/125	32.893	1.56	(0.693)	---	0.142
120		---	---	ND	---	0.0237
121		---	---	ND	---	0.0237
122		---	---	ND	---	0.0237
123		---	---	ND	---	0.0237
124	107/124	---	---	ND	---	0.0474
125	86/87/97/108/119/125	32.893	1.56	(0.693)	---	0.142
126		---	---	ND	---	0.0237
127		---	---	ND	---	0.0237
128	128/166	41.426	1.27	0.348	---	0.0474
129	129/138/163	40.134	1.26	4.23	---	0.0712
130		39.464	1.22	0.204	---	0.0237
131		---	---	ND	---	0.0237
132		37.032	1.24	1.14	---	0.0237
133		37.535	1.26	0.114	---	0.0237
134	134/143	35.942	1.19	0.190	---	0.0474
135	135/151	34.766	1.26	2.02	---	0.0474
136		32.290	1.23	0.570	---	0.0237
137		39.665	1.11	0.0542	---	0.0237
138	129/138/163	40.134	1.26	(4.23)	---	0.0712
139	139/140	---	---	ND	---	0.0474
140	139/140	---	---	ND	---	0.0474
141		39.045	1.27	0.799	---	0.0237
142		---	---	ND	---	0.0237
143	134/143	35.942	1.19	(0.190)	---	0.0474
144		35.354	1.31	0.182	---	0.0237

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Old Pleasant Street Bridge
Lab Sample ID	10693693012
Filename	P240609B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0237
146		38.206	1.23	0.820	---	0.0237
147	147/149	35.741	1.25	4.32	---	0.0474
148		34.162	1.09	0.0336	---	0.0237
149	147/149	35.741	1.25	(4.32)	---	0.0474
150		31.903	1.29	0.0335	---	0.0237
151	135/151	34.766	1.26	(2.02)	---	0.0474
152		31.718	1.22	0.0269	---	0.0237
153	153/168	38.843	1.27	4.30	---	0.0474
154		35.044	1.21	0.137	---	0.0237
155		---	---	ND	---	0.0237
156	156/157	44.349	1.26	0.219	---	0.0474
157	156/157	44.349	1.26	(0.219)	---	0.0474
158		40.520	1.30	0.283	---	0.0237
159		42.387	1.42	0.0432	---	0.0237
160		---	---	ND	---	0.0237
161		---	---	ND	---	0.0237
162		---	---	ND	---	0.0237
163	129/138/163	40.134	1.26	(4.23)	---	0.0712
164		39.816	1.27	0.296	---	0.0237
165		---	---	ND	---	0.0237
166	128/166	41.426	1.27	(0.348)	---	0.0474
167		43.209	1.27	0.130	---	0.0237
168	153/168	38.843	1.27	(4.30)	---	0.0474
169		---	---	ND	---	0.0237
170		47.066	1.05	1.49	---	0.0237
171	171/173	43.460	1.06	0.513	---	0.0474
172		45.104	1.09	0.315	---	0.0237
173	171/173	43.460	1.06	(0.513)	---	0.0474
174		42.370	1.07	1.80	---	0.0237
175		41.225	1.14	0.0670	---	0.0237
176		38.709	1.06	0.225	---	0.0237
177		42.806	1.06	1.14	---	0.0237
178		40.570	1.03	0.464	---	0.0237
179		37.786	1.06	0.844	---	0.0237
180	180/193	45.775	1.04	3.61	---	0.0474
181		---	---	ND	---	0.0237
182		---	---	ND	---	0.0237
183	183/185	42.119	1.04	1.26	---	0.0474
184		---	---	ND	---	0.0237
185	183/185	42.119	1.04	(1.26)	---	0.0474
186		---	---	ND	---	0.0237
187		41.493	1.05	2.37	---	0.0237
188		---	---	ND	---	0.0237
189		50.226	1.10	0.0611	---	0.0237
190		47.586	1.04	0.345	---	0.0237
191		46.127	1.09	0.0594	---	0.0237
192		---	---	ND	---	0.0237

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Old Pleasant Street Bridge
Lab Sample ID	10693693012
Filename	P240609B_06

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.775	1.04	(3.61)	---	0.0474
194		52.338	0.89	0.788	---	0.0237
195		49.967	0.86	0.376	---	0.0237
196		48.408	0.91	0.419	---	0.0237
197	197/200	44.902	0.91	0.156	---	0.0474
198	198/199	47.754	0.91	0.904	---	0.0474
199	198/199	47.754	0.91	(0.904)	---	0.0474
200	197/200	44.902	0.91	(0.156)	---	0.0474
201		43.863	0.96	0.115	---	0.0237
202		42.924	0.91	0.175	---	0.0237
203		48.609	0.92	0.532	---	0.0237
204		---	---	ND	---	0.0237
205		52.813	0.79	0.0453	---	0.0237
206		54.537	0.80	0.192	---	0.0237
207		50.636	0.71	0.0260	---	0.0237
208		49.708	0.89	0.0383	---	0.0237
209		---	---	ND	---	0.0237

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Old Pleasant Street Bridge
Lab Sample ID	10693693012
Filename	P240609B_06

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0804
Total Dichloro Biphenyls	2.43
Total Trichloro Biphenyls	3.27
Total Tetrachloro Biphenyls	12.2
Total Pentachloro Biphenyls	10.2
Total Hexachloro Biphenyls	20.5
Total Heptachloro Biphenyls	14.6
Total Octachloro Biphenyls	3.51
Total Nonachloro Biphenyls	0.257
DecachloroBiphenyls	ND
Total PCBs	67.0

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Woods Pond Dam		
Lab Sample ID	10693693013		
Filename	P240609B_07		
Injected By	JRH		
Total Amount Extracted	1770 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	05/15/2024 18:45
ICAL ID	P240609B02	Received	05/21/2024 09:45
CCal Filename(s)	P240609B_01	Extracted	06/04/2024 14:00
Method Blank ID	BLANK-113258	Analyzed	06/09/2024 20:52

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.372	3.10	2.0	0.872	44
13C-4-MoCB	3	12.007	3.13	2.0	1.05	52
13C-2,2'-DiCB	4	12.301	1.55	2.0	0.673	34
13C-4,4'-DiCB	15	19.160	1.66	2.0	1.51	76
13C-2,2',6-TrCB	19	15.977	1.02	2.0	0.855	43
13C-3,4,4'-TrCB	37	26.851	1.09	2.0	1.73	87
13C-2,2',6,6'-TeCB	54	19.502	0.81	2.0	0.836	42
13C-3,4,4',5-TeCB	81	33.943	0.81	2.0	2.11	106
13C-3,3',4,4'-TeCB	77	34.531	0.80	2.0	2.41	120
13C-2,2',4,6,6'-PeCB	104	25.505	1.57	2.0	0.886	44
13C-2,3,3',4,4'-PeCB	105	38.134	1.60	2.0	2.29	114
13C-2,3,4,4',5-PeCB	114	37.464	1.70	2.0	2.19	109
13C-2,3',4,4',5-PeCB	118	36.927	1.62	2.0	2.14	107
13C-2,3',4,4',5'-PeCB	123	36.575	1.64	2.0	2.13	107
13C-3,3',4,4',5-PeCB	126	41.304	1.61	2.0	2.48	124
13C-2,2',4,4',6,6'-HxCB	155	31.514	1.27	2.0	0.865	43
13C-HxCB(156/157)	156/157	44.361	1.31	4.0	3.85	96
13C-2,3',4,4',5,5'-HxCB	167	43.187	1.30	2.0	1.93	97
13C-3,3',4,4',5,5'-HxCB	169	47.665	1.31	2.0	2.03	101
13C-2,2',3,4',5,6,6'-HpCB	188	37.430	1.05	2.0	1.08	54
13C-2,3,3',4,4',5,5'-HpCB	189	50.221	1.09	2.0	1.82	91
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.919	0.91	2.0	1.28	64
13C-2,3,3',4,4',5,5',6-OcCB	205	52.807	0.91	2.0	1.66	83
13C-2,2',3,3',4,4',5,5',6-NoCB	206	54.532	0.80	2.0	1.60	80
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	49.703	0.79	2.0	1.54	77
13C-DeCB	209	56.148	0.70	2.0	1.53	77
CleanupStandards						
13C-2,4,4'-TrCB	28	22.519	1.04	2.0	1.59	79
13C-2,3,3',5,5'-PeCB	111	34.546	1.61	2.0	1.79	89
13C-2,2',3,3',5,5',6-HpCB	178	40.549	1.03	2.0	1.42	71
Recovery Standards						
13C-2,5-DiCB	9	14.661	1.63	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	24.499	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.761	1.62	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	40.113	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	52.333	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10693693013
Filename	P240609B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
1		9.383	3.20	0.0849		---	0.0226
2		---	---	ND		---	0.0226
3		---	---	ND		---	0.0226
4		12.323	1.59	3.31	A	---	0.0825
5		---	---	ND		---	0.0226
6		15.159	1.58	0.0598		---	0.0226
7		---	---	ND		---	0.0226
8		15.656	1.65	0.0698		---	0.0226
9		---	---	ND		---	0.0226
10		12.527	1.58	0.103	A	---	0.0278
11		---	---	ND		---	0.222
12	12/13	---	---	ND		---	0.0453
13	12/13	---	---	ND		---	0.0453
14		---	---	ND		---	0.0226
15		19.193	1.64	0.189		---	0.0299
16		19.127	1.03	0.0534		---	0.0226
17		18.607	1.04	0.432		---	0.0226
18	18/30	18.143	1.04	0.303		---	0.0453
19		15.999	1.08	2.52		---	0.0226
20	20/28	22.535	1.08	0.377		---	0.117
21	21/33	---	---	ND		---	0.122
22		---	---	ND		---	0.0860
23		---	---	ND		---	0.0226
24		---	---	ND		---	0.0226
25		21.885	1.10	0.218		---	0.0226
26	26/29	21.606	1.07	0.270		---	0.0453
27		18.851	1.05	0.316		---	0.0226
28	20/28	22.535	1.08	(0.377)		---	0.117
29	26/29	21.606	1.07	(0.270)		---	0.0453
30	18/30	18.143	1.04	(0.303)		---	0.0453
31		22.210	1.12	0.222		---	0.118
32		19.719	1.08	0.653		---	0.0226
33	21/33	---	---	ND		---	0.122
34		---	---	ND		---	0.0226
35		---	---	ND		---	0.0226
36		---	---	ND		---	0.0226
37		---	---	ND		---	0.0480
38		---	---	ND		---	0.0226
39		---	---	ND		---	0.0226
40	40/41/71	26.696	0.77	0.704		---	0.0679
41	40/41/71	26.696	0.77	(0.704)		---	0.0679
42		26.154	0.77	0.246		---	0.0226
43	43/73	24.685	0.80	0.136		---	0.0453
44	44/47/65	25.644	0.78	4.76		---	0.0679
45	45/51	22.720	0.77	3.06		---	0.0453
46		22.983	0.70	0.159		---	0.0226
47	44/47/65	25.644	0.78	(4.76)		---	0.0679
48		---	---	ND		---	0.0226

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10693693013
Filename	P240609B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	25.056	0.77	2.82	---	0.0453
50	50/53	21.900	0.79	2.23	---	0.0453
51	45/51	22.720	0.77	(3.06)	---	0.0453
52		24.515	0.78	1.72	---	0.117
53	50/53	21.900	0.79	(2.23)	---	0.0453
54		19.518	0.80	1.06	---	0.0226
55		---	---	ND	---	0.0226
56		30.678	0.76	0.0336	---	0.0226
57		---	---	ND	---	0.0226
58		---	---	ND	---	0.0226
59	59/62/75	25.984	0.76	0.0918	---	0.0679
60		---	---	ND	---	0.0226
61	61/70/74/76	29.611	0.80	0.335	---	0.0905
62	59/62/75	25.984	0.76	(0.0918)	---	0.0679
63		29.271	0.74	0.0341	---	0.0226
64		26.928	0.77	0.0901	---	0.0226
65	44/47/65	25.644	0.78	(4.76)	---	0.0679
66		29.967	0.80	0.369	---	0.0534
67		28.946	0.87	0.0229	---	0.0226
68		28.110	0.78	0.0773	---	0.0226
69	49/69	25.056	0.77	(2.82)	---	0.0453
70	61/70/74/76	29.611	0.80	(0.335)	---	0.0905
71	40/41/71	26.696	0.77	(0.704)	---	0.0679
72		27.801	0.85	0.0505	---	0.0226
73	43/73	24.685	0.80	(0.136)	---	0.0453
74	61/70/74/76	29.611	0.80	(0.335)	---	0.0905
75	59/62/75	25.984	0.76	(0.0918)	---	0.0679
76	61/70/74/76	29.611	0.80	(0.335)	---	0.0905
77		---	---	ND	---	0.0226
78		---	---	ND	---	0.0226
79		---	---	ND	---	0.0226
80		---	---	ND	---	0.0226
81		---	---	ND	---	0.0226
82		34.190	1.50	0.0587	---	0.0226
83		32.256	1.58	0.0771	---	0.0226
84		29.843	1.60	0.266	---	0.0226
85	85/116/117	33.664	1.55	0.235	---	0.0679
86	86/87/97/108/119/125	32.906	1.56	0.845	---	0.136
87	86/87/97/108/119/125	32.906	1.56	(0.845)	---	0.136
88	88/91	29.611	1.60	0.961	---	0.0453
89		---	---	ND	---	0.0226
90	90/101/113	31.777	1.59	2.46	---	0.0679
91	88/91	29.611	1.60	(0.961)	---	0.0453
92		31.173	1.53	0.751	---	0.0226
93	93/98/100/102	28.930	1.53	0.785	---	0.0905
94		28.234	1.57	0.193	---	0.0226
95		28.698	1.57	1.81	---	0.0634
96		25.938	1.52	0.102	---	0.0226

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Woods Pond Dam
Lab Sample ID 10693693013
Filename P240609B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	32.906	1.56	(0.845)	---	0.136
98	93/98/100/102	28.930	1.53	(0.785)	---	0.0905
99		32.396	1.61	1.05	---	0.0226
100	93/98/100/102	28.930	1.53	(0.785)	---	0.0905
101	90/101/113	31.777	1.59	(2.46)	---	0.0679
102	93/98/100/102	28.930	1.53	(0.785)	---	0.0905
103		28.002	1.57	0.267	---	0.0226
104		25.551	1.63	0.111	---	0.0226
105		38.151	1.58	0.187	---	0.0226
106		---	---	ND	---	0.0226
107	107/124	---	---	ND	---	0.0453
108	86/87/97/108/119/125	32.906	1.56	(0.845)	---	0.136
109		36.474	1.63	0.0976	---	0.0226
110	110/115	33.834	1.55	1.68	---	0.0453
111		---	---	ND	---	0.0226
112		---	---	ND	---	0.0226
113	90/101/113	31.777	1.59	(2.46)	---	0.0679
114		---	---	ND	---	0.0226
115	110/115	33.834	1.55	(1.68)	---	0.0453
116	85/116/117	33.664	1.55	(0.235)	---	0.0679
117	85/116/117	33.664	1.55	(0.235)	---	0.0679
118		36.944	1.59	0.780	---	0.0353
119	86/87/97/108/119/125	32.906	1.56	(0.845)	---	0.136
120		35.041	1.49	0.0260	---	0.0226
121		---	---	ND	---	0.0226
122		---	---	ND	---	0.0226
123		---	---	ND	---	0.0226
124	107/124	---	---	ND	---	0.0453
125	86/87/97/108/119/125	32.906	1.56	(0.845)	---	0.136
126		---	---	ND	---	0.0226
127		---	---	ND	---	0.0226
128	128/166	41.438	1.29	0.331	---	0.0453
129	129/138/163	40.147	1.26	4.93	---	0.0679
130		39.476	1.19	0.230	---	0.0226
131		36.575	1.18	0.0269	---	0.0226
132		37.044	1.31	1.34	---	0.0226
133		37.564	1.16	0.127	---	0.0226
134	134/143	35.954	1.14	0.243	---	0.0453
135	135/151	34.778	1.24	2.45	---	0.0453
136		32.303	1.23	0.710	---	0.0226
137		39.694	1.14	0.0632	---	0.0226
138	129/138/163	40.147	1.26	(4.93)	---	0.0679
139	139/140	36.374	1.12	0.0546	---	0.0453
140	139/140	36.374	1.12	(0.0546)	---	0.0453
141		39.057	1.25	0.967	---	0.0226
142		---	---	ND	---	0.0226
143	134/143	35.954	1.14	(0.243)	---	0.0453
144		35.382	1.22	0.215	---	0.0226

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10693693013
Filename	P240609B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0226
146		38.218	1.25	0.953	---	0.0226
147	147/149	35.753	1.23	5.27	---	0.0453
148		34.175	1.17	0.0418	---	0.0226
149	147/149	35.753	1.23	(5.27)	---	0.0453
150		31.900	1.20	0.0431	---	0.0226
151	135/151	34.778	1.24	(2.45)	---	0.0453
152		31.746	1.22	0.0343	---	0.0226
153	153/168	38.855	1.27	5.10	---	0.0453
154		35.057	1.27	0.158	---	0.0226
155		---	---	ND	---	0.0226
156	156/157	44.378	1.30	0.247	---	0.0453
157	156/157	44.378	1.30	(0.247)	---	0.0453
158		40.549	1.25	0.333	---	0.0226
159		42.399	1.30	0.0547	---	0.0226
160		---	---	ND	---	0.0226
161		---	---	ND	---	0.0226
162		---	---	ND	---	0.0226
163	129/138/163	40.147	1.26	(4.93)	---	0.0679
164		39.828	1.26	0.354	---	0.0226
165		---	---	ND	---	0.0226
166	128/166	41.438	1.29	(0.331)	---	0.0453
167		43.204	1.27	0.148	---	0.0226
168	153/168	38.855	1.27	(5.10)	---	0.0453
169		---	---	ND	---	0.0226
170		47.078	1.05	1.72	---	0.0226
171	171/173	43.472	0.99	0.579	---	0.0453
172		45.116	1.03	0.371	---	0.0226
173	171/173	43.472	0.99	(0.579)	---	0.0453
174		42.382	1.03	2.11	---	0.0226
175		41.220	0.96	0.0875	---	0.0226
176		38.721	1.08	0.271	---	0.0226
177		42.835	1.06	1.32	---	0.0226
178		40.583	1.03	0.539	---	0.0226
179		37.799	1.05	1.00	---	0.0226
180	180/193	45.786	1.04	4.14	---	0.0453
181		---	---	ND	---	0.0226
182		41.723	1.04	0.0260	---	0.0226
183	183/185	42.148	1.05	1.43	---	0.0453
184		---	---	ND	---	0.0226
185	183/185	42.148	1.05	(1.43)	---	0.0453
186		---	---	ND	---	0.0226
187		41.505	1.04	2.66	---	0.0226
188		---	---	ND	---	0.0226
189		50.242	1.02	0.0691	---	0.0226
190		47.614	1.00	0.397	---	0.0226
191		46.139	1.05	0.0766	---	0.0226
192		---	---	ND	---	0.0226

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10693693013
Filename	P240609B_07

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.786	1.04	(4.14)	---	0.0453
194		52.354	0.88	0.854	---	0.0226
195		49.984	0.93	0.392	---	0.0226
196		48.436	0.90	0.463	---	0.0226
197	197/200	44.931	0.93	0.169	---	0.0453
198	198/199	47.765	0.92	0.935	---	0.0453
199	198/199	47.765	0.92	(0.935)	---	0.0453
200	197/200	44.931	0.93	(0.169)	---	0.0453
201		43.875	0.86	0.129	---	0.0226
202		42.936	0.89	0.200	---	0.0226
203		48.637	0.88	0.566	---	0.0226
204		---	---	ND	---	0.0226
205		52.850	0.91	0.0538	---	0.0226
206		54.575	0.77	0.209	---	0.0226
207		50.673	0.89	0.0284	---	0.0226
208		49.725	0.76	0.0390	---	0.0226
209		---	---	ND	---	0.0226

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Woods Pond Dam
Lab Sample ID	10693693013
Filename	P240609B_07

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0849
Total Dichloro Biphenyls	3.73
Total Trichloro Biphenyls	5.37
Total Tetrachloro Biphenyls	18.0
Total Pentachloro Biphenyls	12.7
Total Hexachloro Biphenyls	24.4
Total Heptachloro Biphenyls	16.8
Total Octachloro Biphenyls	3.76
Total Nonachloro Biphenyls	0.277
DecachloroBiphenyls	ND
Total PCBs	85.2

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Woods Pond Dam (Lab Dup)		
Lab Sample ID	10693693014		
Filename	Y240613B_09		
Injected By	AH5		
Total Amount Extracted	1720 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	05/15/2024 18:45
ICAL ID	Y240613B02	Received	05/21/2024 09:45
CCal Filename(s)	Y240613B_01	Extracted	06/07/2024 14:00
Method Blank ID	BLANK-113310	Analyzed	06/14/2024 03:41

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.453	3.19	2.0	1.02	51
13C-4-MoCB	3	13.221	3.18	2.0	1.25	63
13C-2,2'-DiCB	4	13.520	1.62	2.0	1.03	52
13C-4,4'-DiCB	15	20.527	1.61	2.0	1.53	77
13C-2,2',6-TrCB	19	17.280	1.06	2.0	1.13	56
13C-3,4,4'-TrCB	37	28.221	1.06	2.0	1.87	94
13C-2,2',6,6'-TeCB	54	20.843	0.79	2.0	1.25	62
13C-3,4,4',5-TeCB	81	35.318	0.81	2.0	1.93	96
13C-3,3',4,4'-TeCB	77	35.888	0.80	2.0	1.96	98
13C-2,2',4,6,6'-PeCB	104	26.913	1.63	2.0	1.40	70
13C-2,3,3',4,4'-PeCB	105	39.481	1.57	2.0	1.96	98
13C-2,3,4,4',5-PeCB	114	38.828	1.59	2.0	1.95	97
13C-2,3',4,4',5-PeCB	118	38.274	1.59	2.0	1.96	98
13C-2,3',4,4',5'-PeCB	123	37.939	1.58	2.0	1.92	96
13C-3,3',4,4',5-PeCB	126	42.634	1.55	2.0	1.99	100
13C-2,2',4,4',6,6'-HxCB	155	32.937	1.26	2.0	1.47	74
13C-HxCB(156/157)	156/157	45.690	1.28	4.0	3.92	98
13C-2,3',4,4',5,5'-HxCB	167	44.517	1.26	2.0	1.94	97
13C-3,3',4,4',5,5'-HxCB	169	48.960	1.31	2.0	2.02	101
13C-2,2',3,4',5,6,6'-HpCB	188	38.811	1.06	2.0	1.52	76
13C-2,3,3',4,4',5,5'-HpCB	189	51.487	1.07	2.0	1.96	98
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.249	0.90	2.0	1.45	73
13C-2,3,3',4,4',5,5',6-OcCB	205	54.074	0.91	2.0	1.60	80
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.819	0.80	2.0	1.54	77
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.013	0.79	2.0	1.51	75
13C-DeCB	209	57.414	0.71	2.0	1.50	75
CleanupStandards						
13C-2,4,4'-TrCB	28	23.895	1.05	2.0	1.75	87
13C-2,3,3',5,5'-PeCB	111	35.922	1.58	2.0	1.64	82
13C-2,2',3,3',5,5',6-HpCB	178	41.896	1.08	2.0	1.72	86
Recovery Standards						
13C-2,5-DiCB	9	15.950	1.59	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.873	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.139	1.59	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.460	1.28	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.599	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam (Lab Dup)
Lab Sample ID	10693693014
Filename	Y240613B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.477	3.24	0.0729	---	0.0232
2		---	---	ND	---	0.0232
3		---	---	ND	---	0.0232
4		13.544	1.58	2.95	---	0.0232
5		---	---	ND	---	0.0232
6		16.453	1.47	0.0529	---	0.0232
7		---	---	ND	---	0.0232
8		16.956	1.50	0.0645	---	0.0232
9		---	---	ND	---	0.0232
10		13.760	1.59	0.0870	---	0.0232
11		---	---	ND	---	0.228
12	12/13	---	---	ND	---	0.0464
13	12/13	---	---	ND	---	0.0464
14		---	---	ND	---	0.0232
15		20.538	1.52	0.166	---	0.0306
16		20.467	1.04	0.0512	---	0.0232
17		19.963	1.05	0.419	---	0.0232
18	18/30	19.484	1.05	0.284	---	0.0464
19		17.304	1.06	2.01	---	0.0232
20	20/28	23.928	1.03	0.389	---	0.120
21	21/33	---	---	ND	---	0.125
22		---	---	ND	---	0.0882
23		---	---	ND	---	0.0232
24		---	---	ND	---	0.0232
25		23.257	1.04	0.218	---	0.0232
26	26/29	22.989	1.02	0.278	---	0.0464
27		20.191	1.03	0.308	---	0.0232
28	20/28	23.928	1.03	(0.389)	---	0.120
29	26/29	22.989	1.02	(0.278)	---	0.0464
30	18/30	19.484	1.05	(0.284)	---	0.0464
31		23.593	1.04	0.224	---	0.121
32		21.078	1.02	0.577	---	0.0232
33	21/33	---	---	ND	---	0.125
34		---	---	ND	---	0.0232
35		---	---	ND	---	0.0232
36		---	---	ND	---	0.0232
37		---	---	ND	---	0.0492
38		---	---	ND	---	0.0232
39		---	---	ND	---	0.0232
40	40/41/71	28.069	0.78	0.665	---	0.0696
41	40/41/71	28.069	0.78	(0.665)	---	0.0696
42		27.533	0.76	0.224	---	0.0232
43	43/73	26.041	0.79	0.140	---	0.0464
44	44/47/65	27.030	0.77	4.80	---	0.0696
45	45/51	24.096	0.76	3.19	---	0.0464
46		24.347	0.76	0.173	---	0.0232
47	44/47/65	27.030	0.77	(4.80)	---	0.0696
48		---	---	ND	---	0.0232

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam (Lab Dup)
Lab Sample ID	10693693014
Filename	Y240613B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.426	0.77	2.76	---	0.0464
50	50/53	23.274	0.77	2.32	---	0.0464
51	45/51	24.096	0.76	(3.19)	---	0.0464
52		25.890	0.77	1.80	---	0.120
53	50/53	23.274	0.77	(2.32)	---	0.0464
54		20.877	0.77	0.811	---	0.0232
55		---	---	ND	---	0.0232
56		32.049	0.81	0.0351	---	0.0232
57		---	---	ND	---	0.0232
58		---	---	ND	---	0.0232
59	59/62/75	27.382	0.76	0.0844	---	0.0696
60		---	---	ND	---	0.0232
61	61/70/74/76	30.992	0.77	0.328	---	0.0929
62	59/62/75	27.382	0.76	(0.0844)	---	0.0696
63		30.657	0.73	0.0324	---	0.0232
64		28.304	0.78	0.0875	---	0.0232
65	44/47/65	27.030	0.77	(4.80)	---	0.0696
66		31.361	0.78	0.372	---	0.0548
67		---	---	ND	---	0.0232
68		29.500	0.80	0.0828	---	0.0232
69	49/69	26.426	0.77	(2.76)	---	0.0464
70	61/70/74/76	30.992	0.77	(0.328)	---	0.0929
71	40/41/71	28.069	0.78	(0.665)	---	0.0696
72		29.198	0.79	0.0523	---	0.0232
73	43/73	26.041	0.79	(0.140)	---	0.0464
74	61/70/74/76	30.992	0.77	(0.328)	---	0.0929
75	59/62/75	27.382	0.76	(0.0844)	---	0.0696
76	61/70/74/76	30.992	0.77	(0.328)	---	0.0929
77		---	---	ND	---	0.0232
78		---	---	ND	---	0.0232
79		---	---	ND	---	0.0232
80		---	---	ND	---	0.0232
81		---	---	ND	---	0.0232
82		35.536	1.65	0.0509	---	0.0232
83		33.641	1.52	0.0647	---	0.0232
84		31.227	1.59	0.250	---	0.0232
85	85/116/117	35.050	1.53	0.198	---	0.0696
86	86/87/97/108/119/125	34.296	1.55	0.733	---	0.139
87	86/87/97/108/119/125	34.296	1.55	(0.733)	---	0.139
88	88/91	30.992	1.57	0.841	---	0.0464
89		---	---	ND	---	0.0232
90	90/101/113	33.172	1.56	2.32	---	0.0696
91	88/91	30.992	1.57	(0.841)	---	0.0464
92		32.552	1.56	0.715	---	0.0232
93	93/98/100/102	30.322	1.54	0.719	---	0.0929
94		29.617	1.55	0.195	---	0.0232
95		30.070	1.57	1.80	---	0.0650
96		27.298	1.59	0.101	---	0.0232

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Woods Pond Dam (Lab Dup)
Lab Sample ID 10693693014
Filename Y240613B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.296	1.55	(0.733)	---	0.139
98	93/98/100/102	30.322	1.54	(0.719)	---	0.0929
99		33.776	1.56	0.993	---	0.0232
100	93/98/100/102	30.322	1.54	(0.719)	---	0.0929
101	90/101/113	33.172	1.56	(2.32)	---	0.0696
102	93/98/100/102	30.322	1.54	(0.719)	---	0.0929
103		29.383	1.57	0.260	---	0.0232
104		26.930	1.52	0.0765	---	0.0232
105		39.498	1.53	0.154	---	0.0232
106		---	---	ND	---	0.0232
107	107/124	---	---	ND	---	0.0464
108	86/87/97/108/119/125	34.296	1.55	(0.733)	---	0.139
109		37.838	1.52	0.0824	---	0.0232
110	110/115	35.201	1.55	1.45	---	0.0464
111		---	---	ND	---	0.0232
112		---	---	ND	---	0.0232
113	90/101/113	33.172	1.56	(2.32)	---	0.0696
114		---	---	ND	---	0.0232
115	110/115	35.201	1.55	(1.45)	---	0.0464
116	85/116/117	35.050	1.53	(0.198)	---	0.0696
117	85/116/117	35.050	1.53	(0.198)	---	0.0696
118		38.308	1.54	0.711	---	0.0362
119	86/87/97/108/119/125	34.296	1.55	(0.733)	---	0.139
120		---	---	ND	---	0.0232
121		---	---	ND	---	0.0232
122		---	---	ND	---	0.0232
123		---	---	ND	---	0.0232
124	107/124	---	---	ND	---	0.0464
125	86/87/97/108/119/125	34.296	1.55	(0.733)	---	0.139
126		---	---	ND	---	0.0232
127		---	---	ND	---	0.0232
128	128/166	42.768	1.21	0.235	---	0.0464
129	129/138/163	41.477	1.26	3.83	---	0.0696
130		40.823	1.22	0.187	---	0.0232
131		37.939	1.24	0.0236	---	0.0232
132		38.392	1.25	1.10	---	0.0232
133		38.911	1.29	0.106	---	0.0232
134	134/143	37.319	1.25	0.198	---	0.0464
135	135/151	36.157	1.26	2.16	---	0.0464
136		33.658	1.27	0.648	---	0.0232
137		41.041	1.21	0.0773	---	0.0232
138	129/138/163	41.477	1.26	(3.83)	---	0.0696
139	139/140	37.738	1.35	0.0489	---	0.0464
140	139/140	37.738	1.35	(0.0489)	---	0.0464
141		40.404	1.24	0.821	---	0.0232
142		---	---	ND	---	0.0232
143	134/143	37.319	1.25	(0.198)	---	0.0464
144		36.743	1.28	0.199	---	0.0232

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam (Lab Dup)
Lab Sample ID	10693693014
Filename	Y240613B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0232
146		39.582	1.25	0.778	---	0.0232
147	147/149	37.117	1.24	4.42	---	0.0464
148		35.553	1.27	0.0353	---	0.0232
149	147/149	37.117	1.24	(4.42)	---	0.0464
150		33.306	1.22	0.0428	---	0.0232
151	135/151	36.157	1.26	(2.16)	---	0.0464
152		33.139	1.27	0.0324	---	0.0232
153	153/168	40.219	1.26	4.23	---	0.0464
154		36.442	1.27	0.139	---	0.0232
155		---	---	ND	---	0.0232
156	156/157	45.690	1.27	0.206	---	0.0464
157	156/157	45.690	1.27	(0.206)	---	0.0464
158		41.879	1.26	0.251	---	0.0232
159		43.729	1.32	0.0334	---	0.0232
160		---	---	ND	---	0.0232
161		---	---	ND	---	0.0232
162		---	---	ND	---	0.0232
163	129/138/163	41.477	1.26	(3.83)	---	0.0696
164		41.158	1.21	0.250	---	0.0232
165		---	---	ND	---	0.0232
166	128/166	42.768	1.21	(0.235)	---	0.0464
167		44.534	1.25	0.126	---	0.0232
168	153/168	40.219	1.26	(4.23)	---	0.0464
169		---	---	ND	---	0.0232
170		48.373	1.06	1.30	---	0.0232
171	171/173	44.802	1.05	0.426	---	0.0464
172		46.428	1.05	0.281	---	0.0232
173	171/173	44.802	1.05	(0.426)	---	0.0464
174		43.712	1.05	1.65	---	0.0232
175		42.583	1.02	0.0644	---	0.0232
176		40.085	1.04	0.212	---	0.0232
177		44.165	1.08	1.01	---	0.0232
178		41.930	1.04	0.401	---	0.0232
179		39.163	1.03	0.814	---	0.0232
180	180/193	47.099	1.06	3.26	---	0.0464
181		---	---	ND	---	0.0232
182		---	---	ND	---	0.0232
183	183/185	43.494	1.06	1.14	---	0.0464
184		---	---	ND	---	0.0232
185	183/185	43.494	1.06	(1.14)	---	0.0464
186		---	---	ND	---	0.0232
187		42.852	1.06	2.02	---	0.0232
188		---	---	ND	---	0.0232
189		51.509	1.01	0.0586	---	0.0232
190		48.910	1.05	0.284	---	0.0232
191		47.451	1.04	0.0483	---	0.0232
192		---	---	ND	---	0.0232

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Woods Pond Dam (Lab Dup)
Lab Sample ID	10693693014
Filename	Y240613B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.099	1.06	(3.26)	---	0.0464
194		53.621	0.90	0.697	---	0.0232
195		51.272	0.90	0.322	---	0.0232
196		49.731	0.91	0.373	---	0.0232
197	197/200	46.261	0.89	0.134	---	0.0464
198	198/199	49.077	0.91	0.706	---	0.0464
199	198/199	49.077	0.91	(0.706)	---	0.0464
200	197/200	46.261	0.89	(0.134)	---	0.0464
201		45.221	0.91	0.0990	---	0.0232
202		44.282	0.88	0.147	---	0.0232
203		49.949	0.89	0.464	---	0.0232
204		---	---	ND	---	0.0232
205		54.095	0.82	0.0437	---	0.0232
206		55.841	0.77	0.159	---	0.0232
207		---	---	ND	---	0.0232
208		51.013	0.76	0.0312	---	0.0232
209		---	---	ND	---	0.0232

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Woods Pond Dam (Lab Dup)
Lab Sample ID	10693693014
Filename	Y240613B_09

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0729
Total Dichloro Biphenyls	3.32
Total Trichloro Biphenyls	4.75
Total Tetrachloro Biphenyls	18.0
Total Pentachloro Biphenyls	11.7
Total Hexachloro Biphenyls	20.2
Total Heptachloro Biphenyls	13.0
Total Octachloro Biphenyls	2.99
Total Nonachloro Biphenyls	0.190
DecachloroBiphenyls	ND
Total PCBs	74.1

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	New Lenox Rd Bridge		
Lab Sample ID	10693693015		
Filename	Y240613B_10		
Injected By	AH5		
Total Amount Extracted	1700 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	05/16/2024 12:40
ICAL ID	Y240613B02	Received	05/21/2024 09:45
CCal Filename(s)	Y240613B_01	Extracted	06/07/2024 14:00
Method Blank ID	BLANK-113310	Analyzed	06/14/2024 04:42

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.478	3.17	2.0	1.08	54
13C-4-MoCB	3	13.245	3.25	2.0	1.26	63
13C-2,2'-DiCB	4	13.533	1.61	2.0	1.06	53
13C-4,4'-DiCB	15	20.528	1.60	2.0	1.55	77
13C-2,2',6-TrCB	19	17.293	1.06	2.0	1.14	57
13C-3,4,4'-TrCB	37	28.238	1.06	2.0	1.91	95
13C-2,2',6,6'-TeCB	54	20.861	0.80	2.0	1.29	65
13C-3,4,4',5-TeCB	81	35.319	0.80	2.0	1.95	98
13C-3,3',4,4'-TeCB	77	35.906	0.79	2.0	2.01	100
13C-2,2',4,6,6'-PeCB	104	26.914	1.62	2.0	1.43	72
13C-2,3,3',4,4'-PeCB	105	39.482	1.60	2.0	1.95	98
13C-2,3,4,4',5-PeCB	114	38.829	1.59	2.0	1.95	98
13C-2,3',4,4',5-PeCB	118	38.292	1.60	2.0	1.96	98
13C-2,3',4,4',5'-PeCB	123	37.940	1.58	2.0	1.93	96
13C-3,3',4,4',5-PeCB	126	42.635	1.58	2.0	2.02	101
13C-2,2',4,4',6,6'-HxCB	155	32.938	1.27	2.0	1.47	74
13C-HxCB(156/157)	156/157	45.692	1.28	4.0	3.80	95
13C-2,3',4,4',5,5'-HxCB	167	44.518	1.28	2.0	1.89	95
13C-3,3',4,4',5,5'-HxCB	169	48.961	1.29	2.0	1.98	99
13C-2,2',3,4',5,6,6'-HpCB	188	38.812	1.06	2.0	1.47	74
13C-2,3,3',4,4',5,5'-HpCB	189	51.510	1.06	2.0	1.87	94
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.266	0.91	2.0	1.38	69
13C-2,3,3',4,4',5,5',6-OcCB	205	54.075	0.91	2.0	1.55	77
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.820	0.80	2.0	1.47	73
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.014	0.80	2.0	1.44	72
13C-DeCB	209	57.437	0.72	2.0	1.43	72
CleanupStandards						
13C-2,4,4'-TrCB	28	23.896	1.07	2.0	1.77	89
13C-2,3,3',5,5'-PeCB	111	35.923	1.58	2.0	1.61	80
13C-2,2',3,3',5,5',6-HpCB	178	41.914	1.06	2.0	1.65	82
Recovery Standards						
13C-2,5-DiCB	9	15.963	1.60	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.874	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.139	1.60	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.461	1.28	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.600	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	New Lenox Rd Bridge
Lab Sample ID	10693693015
Filename	Y240613B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.490	3.13	0.0557	---	0.0235
2		---	---	ND	---	0.0235
3		---	---	ND	---	0.0235
4		13.557	1.58	3.75	---	0.0235
5		---	---	ND	---	0.0235
6		16.466	1.49	0.0394	---	0.0235
7		---	---	ND	---	0.0235
8		16.969	1.51	0.0469	---	0.0235
9		---	---	ND	---	0.0235
10		13.772	1.57	0.112	---	0.0235
11		---	---	ND	---	0.231
12	12/13	---	---	ND	---	0.0471
13	12/13	---	---	ND	---	0.0471
14		---	---	ND	---	0.0235
15		20.551	1.58	0.128	---	0.0311
16		20.479	1.06	0.0317	---	0.0235
17		19.976	1.04	0.379	---	0.0235
18	18/30	19.485	1.01	0.209	---	0.0471
19		17.317	1.06	2.44	---	0.0235
20	20/28	---	---	ND	---	0.122
21	21/33	---	---	ND	---	0.127
22		---	---	ND	---	0.0895
23		---	---	ND	---	0.0235
24		---	---	ND	---	0.0235
25		23.258	1.05	0.105	---	0.0235
26	26/29	22.990	1.05	0.163	---	0.0471
27		20.204	1.06	0.309	---	0.0235
28	20/28	---	---	ND	---	0.122
29	26/29	22.990	1.05	(0.163)	---	0.0471
30	18/30	19.485	1.01	(0.209)	---	0.0471
31		---	---	ND	---	0.122
32		21.079	1.02	0.390	---	0.0235
33	21/33	---	---	ND	---	0.127
34		---	---	ND	---	0.0235
35		---	---	ND	---	0.0235
36		---	---	ND	---	0.0235
37		---	---	ND	---	0.0499
38		---	---	ND	---	0.0235
39		---	---	ND	---	0.0235
40	40/41/71	28.070	0.80	0.224	---	0.0706
41	40/41/71	28.070	0.80	(0.224)	---	0.0706
42		27.534	0.78	0.0671	---	0.0235
43	43/73	26.059	0.70	0.0737	---	0.0471
44	44/47/65	27.031	0.77	2.13	---	0.0706
45	45/51	24.097	0.79	1.62	---	0.0471
46		24.348	0.78	0.0581	---	0.0235
47	44/47/65	27.031	0.77	(2.13)	---	0.0706
48		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	New Lenox Rd Bridge
Lab Sample ID	10693693015
Filename	Y240613B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.427	0.78	1.26	---	0.0471
50	50/53	23.275	0.78	1.16	---	0.0471
51	45/51	24.097	0.79	(1.62)	---	0.0471
52		25.891	0.77	1.14	---	0.122
53	50/53	23.275	0.78	(1.16)	---	0.0471
54		20.878	0.78	0.544	---	0.0235
55		---	---	ND	---	0.0235
56		---	---	ND	---	0.0235
57		---	---	ND	---	0.0235
58		---	---	ND	---	0.0235
59	59/62/75	---	---	ND	---	0.0706
60		---	---	ND	---	0.0235
61	61/70/74/76	31.010	0.79	0.174	---	0.0942
62	59/62/75	---	---	ND	---	0.0706
63		---	---	ND	---	0.0235
64		28.305	0.80	0.0476	---	0.0235
65	44/47/65	27.031	0.77	(2.13)	---	0.0706
66		31.362	0.81	0.139	---	0.0556
67		---	---	ND	---	0.0235
68		29.517	0.76	0.0270	---	0.0235
69	49/69	26.427	0.78	(1.26)	---	0.0471
70	61/70/74/76	31.010	0.79	(0.174)	---	0.0942
71	40/41/71	28.070	0.80	(0.224)	---	0.0706
72		---	---	ND	---	0.0235
73	43/73	26.059	0.70	(0.0737)	---	0.0471
74	61/70/74/76	31.010	0.79	(0.174)	---	0.0942
75	59/62/75	---	---	ND	---	0.0706
76	61/70/74/76	31.010	0.79	(0.174)	---	0.0942
77		---	---	ND	---	0.0235
78		---	---	ND	---	0.0235
79		---	---	ND	---	0.0235
80		---	---	ND	---	0.0235
81		---	---	ND	---	0.0235
82		35.554	1.59	0.0384	---	0.0235
83		33.642	1.47	0.0382	---	0.0235
84		31.211	1.51	0.153	---	0.0235
85	85/116/117	35.017	1.52	0.113	---	0.0706
86	86/87/97/108/119/125	34.296	1.58	0.454	---	0.141
87	86/87/97/108/119/125	34.296	1.58	(0.454)	---	0.141
88	88/91	30.993	1.57	0.370	---	0.0471
89		---	---	ND	---	0.0235
90	90/101/113	33.173	1.55	1.46	---	0.0706
91	88/91	30.993	1.57	(0.370)	---	0.0471
92		32.552	1.58	0.345	---	0.0235
93	93/98/100/102	30.339	1.56	0.402	---	0.0942
94		29.618	1.56	0.0718	---	0.0235
95		30.071	1.56	1.25	---	0.0659
96		27.316	1.68	0.0422	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID: New Lenox Rd Bridge
Lab Sample ID: 10693693015
Filename: Y240613B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.296	1.58	(0.454)	---	0.141
98	93/98/100/102	30.339	1.56	(0.402)	---	0.0942
99		33.793	1.56	0.487	---	0.0235
100	93/98/100/102	30.339	1.56	(0.402)	---	0.0942
101	90/101/113	33.173	1.55	(1.46)	---	0.0706
102	93/98/100/102	30.339	1.56	(0.402)	---	0.0942
103		29.400	1.54	0.133	---	0.0235
104		26.930	1.56	0.0517	---	0.0235
105		39.516	1.61	0.126	---	0.0235
106		---	---	ND	---	0.0235
107	107/124	---	---	ND	---	0.0471
108	86/87/97/108/119/125	34.296	1.58	(0.454)	---	0.141
109		37.856	1.52	0.0340	---	0.0235
110	110/115	35.201	1.55	0.929	---	0.0471
111		---	---	ND	---	0.0235
112		---	---	ND	---	0.0235
113	90/101/113	33.173	1.55	(1.46)	---	0.0706
114		---	---	ND	---	0.0235
115	110/115	35.201	1.55	(0.929)	---	0.0471
116	85/116/117	35.017	1.52	(0.113)	---	0.0706
117	85/116/117	35.017	1.52	(0.113)	---	0.0706
118		38.309	1.59	0.445	---	0.0367
119	86/87/97/108/119/125	34.296	1.58	(0.454)	---	0.141
120		---	---	ND	---	0.0235
121		---	---	ND	---	0.0235
122		---	---	ND	---	0.0235
123		---	---	ND	---	0.0235
124	107/124	---	---	ND	---	0.0471
125	86/87/97/108/119/125	34.296	1.58	(0.454)	---	0.141
126		---	---	ND	---	0.0235
127		---	---	ND	---	0.0235
128	128/166	42.769	1.25	0.158	---	0.0471
129	129/138/163	41.495	1.26	2.57	---	0.0706
130		40.824	1.33	0.104	---	0.0235
131		---	---	ND	---	0.0235
132		38.409	1.25	0.759	---	0.0235
133		38.929	1.20	0.0574	---	0.0235
134	134/143	37.319	1.19	0.134	---	0.0471
135	135/151	36.157	1.27	1.46	---	0.0471
136		33.676	1.27	0.452	---	0.0235
137		41.059	1.11	0.0417	---	0.0235
138	129/138/163	41.495	1.26	(2.57)	---	0.0706
139	139/140	---	---	ND	---	0.0471
140	139/140	---	---	ND	---	0.0471
141		40.405	1.25	0.617	---	0.0235
142		---	---	ND	---	0.0235
143	134/143	37.319	1.19	(0.134)	---	0.0471
144		36.761	1.24	0.154	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	New Lenox Rd Bridge
Lab Sample ID	10693693015
Filename	Y240613B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0235
146		39.583	1.24	0.454	---	0.0235
147	147/149	37.118	1.27	3.06	---	0.0471
148		---	---	ND	---	0.0235
149	147/149	37.118	1.27	(3.06)	---	0.0471
150		---	---	ND	---	0.0235
151	135/151	36.157	1.27	(1.46)	---	0.0471
152		---	---	ND	---	0.0235
153	153/168	40.220	1.25	2.81	---	0.0471
154		36.442	1.27	0.0735	---	0.0235
155		---	---	ND	---	0.0235
156	156/157	45.692	1.24	0.142	---	0.0471
157	156/157	45.692	1.24	(0.142)	---	0.0471
158		41.897	1.26	0.186	---	0.0235
159		43.730	1.34	0.0261	---	0.0235
160		---	---	ND	---	0.0235
161		---	---	ND	---	0.0235
162		---	---	ND	---	0.0235
163	129/138/163	41.495	1.26	(2.57)	---	0.0706
164		41.159	1.25	0.168	---	0.0235
165		---	---	ND	---	0.0235
166	128/166	42.769	1.25	(0.158)	---	0.0471
167		44.551	1.22	0.0717	---	0.0235
168	153/168	40.220	1.25	(2.81)	---	0.0471
169		---	---	ND	---	0.0235
170		48.374	1.04	0.862	---	0.0235
171	171/173	44.820	1.06	0.292	---	0.0471
172		46.446	0.99	0.175	---	0.0235
173	171/173	44.820	1.06	(0.292)	---	0.0471
174		43.713	1.02	1.16	---	0.0235
175		42.584	1.11	0.0436	---	0.0235
176		40.086	1.06	0.153	---	0.0235
177		44.166	1.04	0.699	---	0.0235
178		41.931	1.07	0.271	---	0.0235
179		39.164	1.03	0.572	---	0.0235
180	180/193	47.117	1.05	2.23	---	0.0471
181		---	---	ND	---	0.0235
182		---	---	ND	---	0.0235
183	183/185	43.495	1.10	0.806	---	0.0471
184		---	---	ND	---	0.0235
185	183/185	43.495	1.10	(0.806)	---	0.0471
186		---	---	ND	---	0.0235
187		42.853	1.04	1.38	---	0.0235
188		---	---	ND	---	0.0235
189		51.531	1.03	0.0340	---	0.0235
190		48.911	1.04	0.196	---	0.0235
191		47.469	0.98	0.0355	---	0.0235
192		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	New Lenox Rd Bridge
Lab Sample ID	10693693015
Filename	Y240613B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.117	1.05	(2.23)	---	0.0471
194		53.622	0.91	0.469	---	0.0235
195		51.273	0.91	0.216	---	0.0235
196		49.749	0.90	0.253	---	0.0235
197	197/200	46.245	0.88	0.0925	---	0.0471
198	198/199	49.078	0.90	0.490	---	0.0471
199	198/199	49.078	0.90	(0.490)	---	0.0471
200	197/200	46.245	0.88	(0.0925)	---	0.0471
201		45.239	0.89	0.0692	---	0.0235
202		44.283	0.91	0.102	---	0.0235
203		49.950	0.90	0.312	---	0.0235
204		---	---	ND	---	0.0235
205		54.096	0.93	0.0299	---	0.0235
206		55.842	0.81	0.107	---	0.0235
207		---	---	ND	---	0.0235
208		---	---	ND	---	0.0235
209		---	---	ND	---	0.0235

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	New Lenox Rd Bridge
Lab Sample ID	10693693015
Filename	Y240613B_10

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0557
Total Dichloro Biphenyls	4.08
Total Trichloro Biphenyls	4.03
Total Tetrachloro Biphenyls	8.67
Total Pentachloro Biphenyls	6.95
Total Hexachloro Biphenyls	13.5
Total Heptachloro Biphenyls	8.90
Total Octachloro Biphenyls	2.03
Total Nonachloro Biphenyls	0.107
DecachloroBiphenyls	ND
Total PCBs	48.3

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Near Pittsfield WWTP		
Lab Sample ID	10693693016		
Filename	Y240613B_11		
Injected By	AH5		
Total Amount Extracted	1730 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	05/16/2024 14:00
ICAL ID	Y240613B02	Received	05/21/2024 09:45
CCal Filename(s)	Y240613B_01	Extracted	06/07/2024 14:00
Method Blank ID	BLANK-113310	Analyzed	06/14/2024 05:43

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.465	3.18	2.0	0.941	47
13C-4-MoCB	3	13.233	3.17	2.0	1.16	58
13C-2,2'-DiCB	4	13.521	1.65	2.0	0.944	47
13C-4,4'-DiCB	15	20.528	1.61	2.0	1.46	73
13C-2,2',6-TrCB	19	17.293	1.05	2.0	1.04	52
13C-3,4,4'-TrCB	37	28.222	1.08	2.0	1.89	94
13C-2,2',6,6'-TeCB	54	20.844	0.79	2.0	1.19	59
13C-3,4,4',5-TeCB	81	35.319	0.80	2.0	1.95	98
13C-3,3',4,4'-TeCB	77	35.906	0.80	2.0	1.97	99
13C-2,2',4,6,6'-PeCB	104	26.914	1.61	2.0	1.34	67
13C-2,3,3',4,4'-PeCB	105	39.482	1.60	2.0	1.95	97
13C-2,3,4,4',5-PeCB	114	38.828	1.59	2.0	1.94	97
13C-2,3',4,4',5-PeCB	118	38.292	1.59	2.0	1.92	96
13C-2,3',4,4',5'-PeCB	123	37.940	1.59	2.0	1.93	97
13C-3,3',4,4',5-PeCB	126	42.634	1.59	2.0	2.01	100
13C-2,2',4,4',6,6'-HxCB	155	32.938	1.28	2.0	1.40	70
13C-HxCB(156/157)	156/157	45.691	1.28	4.0	3.82	95
13C-2,3',4,4',5,5'-HxCB	167	44.517	1.29	2.0	1.91	95
13C-3,3',4,4',5,5'-HxCB	169	48.960	1.31	2.0	2.01	101
13C-2,2',3,4',5,6,6'-HpCB	188	38.812	1.06	2.0	1.47	74
13C-2,3,3',4,4',5,5'-HpCB	189	51.509	1.05	2.0	1.94	97
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.266	0.90	2.0	1.39	70
13C-2,3,3',4,4',5,5',6-OcCB	205	54.074	0.91	2.0	1.57	78
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.819	0.80	2.0	1.49	74
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.013	0.79	2.0	1.45	73
13C-DeCB	209	57.436	0.71	2.0	1.45	72
CleanupStandards						
13C-2,4,4'-TrCB	28	23.896	1.07	2.0	1.79	89
13C-2,3,3',5,5'-PeCB	111	35.923	1.58	2.0	1.63	82
13C-2,2',3,3',5,5',6-HpCB	178	41.914	1.07	2.0	1.66	83
Recovery Standards						
13C-2,5-DiCB	9	15.951	1.60	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.875	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.139	1.60	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.461	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.599	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10693693016
Filename	Y240613B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		10.477	3.32	0.0479	---	0.0231
2		---	---	ND	---	0.0231
3		---	---	ND	---	0.0231
4		13.545	1.59	3.81	---	0.0231
5		---	---	ND	---	0.0231
6		16.442	1.63	0.0362	---	0.0231
7		---	---	ND	---	0.0231
8		16.970	1.57	0.0422	---	0.0231
9		---	---	ND	---	0.0231
10		13.772	1.58	0.111	---	0.0231
11		---	---	ND	---	0.227
12	12/13	---	---	ND	---	0.0462
13	12/13	---	---	ND	---	0.0462
14		---	---	ND	---	0.0231
15		20.552	1.58	0.117	---	0.0305
16		20.468	1.08	0.0331	---	0.0231
17		19.965	1.04	0.333	---	0.0231
18	18/30	19.486	1.04	0.200	---	0.0462
19		17.305	1.04	2.23	---	0.0231
20	20/28	---	---	ND	---	0.119
21	21/33	---	---	ND	---	0.125
22		---	---	ND	---	0.0879
23		---	---	ND	---	0.0231
24		---	---	ND	---	0.0231
25		23.259	0.96	0.0893	---	0.0231
26	26/29	22.991	1.01	0.156	---	0.0462
27		20.204	1.03	0.301	---	0.0231
28	20/28	---	---	ND	---	0.119
29	26/29	22.991	1.01	(0.156)	---	0.0462
30	18/30	19.486	1.04	(0.200)	---	0.0462
31		---	---	ND	---	0.120
32		21.079	1.04	0.265	---	0.0231
33	21/33	---	---	ND	---	0.125
34		---	---	ND	---	0.0231
35		---	---	ND	---	0.0231
36		---	---	ND	---	0.0231
37		---	---	ND	---	0.0490
38		---	---	ND	---	0.0231
39		---	---	ND	---	0.0231
40	40/41/71	28.071	0.78	0.180	---	0.0694
41	40/41/71	28.071	0.78	(0.180)	---	0.0694
42		27.551	0.76	0.0621	---	0.0231
43	43/73	26.059	0.81	0.0605	---	0.0462
44	44/47/65	27.031	0.78	1.69	---	0.0694
45	45/51	24.097	0.78	1.23	---	0.0462
46		24.349	0.80	0.0514	---	0.0231
47	44/47/65	27.031	0.78	(1.69)	---	0.0694
48		---	---	ND	---	0.0231

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10693693016
Filename	Y240613B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.428	0.77	1.08	---	0.0462
50	50/53	23.276	0.79	0.949	---	0.0462
51	45/51	24.097	0.78	(1.23)	---	0.0462
52		25.891	0.76	1.09	---	0.119
53	50/53	23.276	0.79	(0.949)	---	0.0462
54		20.878	0.78	0.469	---	0.0231
55		---	---	ND	---	0.0231
56		---	---	ND	---	0.0231
57		---	---	ND	---	0.0231
58		---	---	ND	---	0.0231
59	59/62/75	---	---	ND	---	0.0694
60		---	---	ND	---	0.0231
61	61/70/74/76	30.993	0.76	0.188	---	0.0925
62	59/62/75	---	---	ND	---	0.0694
63		---	---	ND	---	0.0231
64		28.306	0.77	0.0497	---	0.0231
65	44/47/65	27.031	0.78	(1.69)	---	0.0694
66		31.362	0.76	0.137	---	0.0546
67		---	---	ND	---	0.0231
68		---	---	ND	---	0.0231
69	49/69	26.428	0.77	(1.08)	---	0.0462
70	61/70/74/76	30.993	0.76	(0.188)	---	0.0925
71	40/41/71	28.071	0.78	(0.180)	---	0.0694
72		---	---	ND	---	0.0231
73	43/73	26.059	0.81	(0.0605)	---	0.0462
74	61/70/74/76	30.993	0.76	(0.188)	---	0.0925
75	59/62/75	---	---	ND	---	0.0694
76	61/70/74/76	30.993	0.76	(0.188)	---	0.0925
77		---	---	ND	---	0.0231
78		---	---	ND	---	0.0231
79		---	---	ND	---	0.0231
80		---	---	ND	---	0.0231
81		---	---	ND	---	0.0231
82		35.537	1.69	0.0395	---	0.0231
83		33.643	1.52	0.0392	---	0.0231
84		31.212	1.57	0.150	---	0.0231
85	85/116/117	35.051	1.56	0.106	---	0.0694
86	86/87/97/108/119/125	34.296	1.55	0.435	---	0.139
87	86/87/97/108/119/125	34.296	1.55	(0.435)	---	0.139
88	88/91	30.993	1.57	0.321	---	0.0462
89		---	---	ND	---	0.0231
90	90/101/113	33.173	1.56	1.41	---	0.0694
91	88/91	30.993	1.57	(0.321)	---	0.0462
92		32.553	1.57	0.316	---	0.0231
93	93/98/100/102	30.323	1.53	0.336	---	0.0925
94		29.619	1.62	0.0572	---	0.0231
95		30.071	1.55	1.23	---	0.0647
96		27.316	1.63	0.0339	---	0.0231

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Near Pittsfield WWTP
Lab Sample ID 10693693016
Filename Y240613B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	34.296	1.55	(0.435)	---	0.139
98	93/98/100/102	30.323	1.53	(0.336)	---	0.0925
99		33.793	1.56	0.440	---	0.0231
100	93/98/100/102	30.323	1.53	(0.336)	---	0.0925
101	90/101/113	33.173	1.56	(1.41)	---	0.0694
102	93/98/100/102	30.323	1.53	(0.336)	---	0.0925
103		29.401	1.54	0.114	---	0.0231
104		26.931	1.61	0.0435	---	0.0231
105		39.516	1.60	0.138	---	0.0231
106		---	---	ND	---	0.0231
107	107/124	---	---	ND	---	0.0462
108	86/87/97/108/119/125	34.296	1.55	(0.435)	---	0.139
109		37.856	1.57	0.0355	---	0.0231
110	110/115	35.202	1.56	0.898	---	0.0462
111		---	---	ND	---	0.0231
112		---	---	ND	---	0.0231
113	90/101/113	33.173	1.56	(1.41)	---	0.0694
114		---	---	ND	---	0.0231
115	110/115	35.202	1.56	(0.898)	---	0.0462
116	85/116/117	35.051	1.56	(0.106)	---	0.0694
117	85/116/117	35.051	1.56	(0.106)	---	0.0694
118		38.309	1.58	0.475	---	0.0361
119	86/87/97/108/119/125	34.296	1.55	(0.435)	---	0.139
120		---	---	ND	---	0.0231
121		---	---	ND	---	0.0231
122		---	---	ND	---	0.0231
123		---	---	ND	---	0.0231
124	107/124	---	---	ND	---	0.0462
125	86/87/97/108/119/125	34.296	1.55	(0.435)	---	0.139
126		---	---	ND	---	0.0231
127		---	---	ND	---	0.0231
128	128/166	42.769	1.27	0.160	---	0.0462
129	129/138/163	41.494	1.25	2.48	---	0.0694
130		40.824	1.26	0.0998	---	0.0231
131		---	---	ND	---	0.0231
132		38.409	1.25	0.728	---	0.0231
133		38.912	1.24	0.0548	---	0.0231
134	134/143	37.319	1.25	0.126	---	0.0462
135	135/151	36.158	1.27	1.37	---	0.0462
136		33.659	1.27	0.428	---	0.0231
137		41.058	1.18	0.0384	---	0.0231
138	129/138/163	41.494	1.25	(2.48)	---	0.0694
139	139/140	---	---	ND	---	0.0462
140	139/140	---	---	ND	---	0.0462
141		40.404	1.26	0.594	---	0.0231
142		---	---	ND	---	0.0231
143	134/143	37.319	1.25	(0.126)	---	0.0462
144		36.761	1.30	0.148	---	0.0231

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10693693016
Filename	Y240613B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0231
146		39.583	1.22	0.427	---	0.0231
147	147/149	37.118	1.26	2.90	---	0.0462
148		---	---	ND	---	0.0231
149	147/149	37.118	1.26	(2.90)	---	0.0462
150		---	---	ND	---	0.0231
151	135/151	36.158	1.27	(1.37)	---	0.0462
152		---	---	ND	---	0.0231
153	153/168	40.220	1.26	2.72	---	0.0462
154		36.443	1.29	0.0685	---	0.0231
155		---	---	ND	---	0.0231
156	156/157	45.691	1.26	0.136	---	0.0462
157	156/157	45.691	1.26	(0.136)	---	0.0462
158		41.897	1.26	0.177	---	0.0231
159		43.729	1.20	0.0236	---	0.0231
160		---	---	ND	---	0.0231
161		---	---	ND	---	0.0231
162		---	---	ND	---	0.0231
163	129/138/163	41.494	1.25	(2.48)	---	0.0694
164		41.159	1.22	0.161	---	0.0231
165		---	---	ND	---	0.0231
166	128/166	42.769	1.27	(0.160)	---	0.0462
167		44.551	1.22	0.0683	---	0.0231
168	153/168	40.220	1.26	(2.72)	---	0.0462
169		---	---	ND	---	0.0231
170		48.374	1.04	0.803	---	0.0231
171	171/173	44.819	1.07	0.271	---	0.0462
172		46.445	1.04	0.167	---	0.0231
173	171/173	44.819	1.07	(0.271)	---	0.0462
174		43.713	1.04	1.05	---	0.0231
175		42.584	1.09	0.0415	---	0.0231
176		40.069	1.03	0.143	---	0.0231
177		44.165	1.05	0.650	---	0.0231
178		41.930	1.06	0.253	---	0.0231
179		39.164	1.03	0.531	---	0.0231
180	180/193	47.116	1.05	2.06	---	0.0462
181		---	---	ND	---	0.0231
182		---	---	ND	---	0.0231
183	183/185	43.495	1.06	0.767	---	0.0462
184		---	---	ND	---	0.0231
185	183/185	43.495	1.06	(0.767)	---	0.0462
186		---	---	ND	---	0.0231
187		42.852	1.04	1.30	---	0.0231
188		---	---	ND	---	0.0231
189		51.531	1.02	0.0318	---	0.0231
190		48.910	1.05	0.180	---	0.0231
191		47.451	1.12	0.0321	---	0.0231
192		---	---	ND	---	0.0231

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10693693016
Filename	Y240613B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.116	1.05	(2.06)	---	0.0462
194		53.621	0.88	0.427	---	0.0231
195		51.272	0.92	0.201	---	0.0231
196		49.749	0.94	0.236	---	0.0231
197	197/200	46.244	0.89	0.0862	---	0.0462
198	198/199	49.078	0.89	0.447	---	0.0462
199	198/199	49.078	0.89	(0.447)	---	0.0462
200	197/200	46.244	0.89	(0.0862)	---	0.0462
201		45.238	0.91	0.0648	---	0.0231
202		44.299	0.91	0.0973	---	0.0231
203		49.950	0.90	0.293	---	0.0231
204		---	---	ND	---	0.0231
205		54.117	0.88	0.0272	---	0.0231
206		55.841	0.78	0.103	---	0.0231
207		---	---	ND	---	0.0231
208		---	---	ND	---	0.0231
209		---	---	ND	---	0.0231

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Near Pittsfield WWTP
Lab Sample ID	10693693016
Filename	Y240613B_11

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	0.0479
Total Dichloro Biphenyls	4.12
Total Trichloro Biphenyls	3.61
Total Tetrachloro Biphenyls	7.23
Total Pentachloro Biphenyls	6.62
Total Hexachloro Biphenyls	12.9
Total Heptachloro Biphenyls	8.29
Total Octachloro Biphenyls	1.88
Total Nonachloro Biphenyls	0.103
DecachloroBiphenyls	ND
Total PCBs	44.8

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Pomeroy Avenue Bridge		
Lab Sample ID	10693693017		
Filename	Y240613B_12		
Injected By	AH5		
Total Amount Extracted	1780 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	05/16/2024 15:30
ICAL ID	Y240613B02	Received	05/21/2024 09:45
CCal Filename(s)	Y240613B_01	Extracted	06/07/2024 14:00
Method Blank ID	BLANK-113310	Analyzed	06/14/2024 06:44

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	10.429	3.19	2.0	1.05	52
13C-4-MoCB	3	13.197	3.21	2.0	1.23	62
13C-2,2'-DiCB	4	13.496	1.62	2.0	1.00	50
13C-4,4'-DiCB	15	20.514	1.58	2.0	1.51	75
13C-2,2',6-TrCB	19	17.268	1.05	2.0	1.09	55
13C-3,4,4'-TrCB	37	28.238	1.07	2.0	1.90	95
13C-2,2',6,6'-TeCB	54	20.843	0.79	2.0	1.25	62
13C-3,4,4',5-TeCB	81	35.319	0.80	2.0	2.03	101
13C-3,3',4,4'-TeCB	77	35.889	0.80	2.0	2.03	101
13C-2,2',4,6,6'-PeCB	104	26.913	1.64	2.0	1.37	68
13C-2,3,3',4,4'-PeCB	105	39.482	1.57	2.0	1.94	97
13C-2,3,4,4',5-PeCB	114	38.828	1.60	2.0	1.95	98
13C-2,3',4,4',5-PeCB	118	38.275	1.58	2.0	1.93	96
13C-2,3',4,4',5'-PeCB	123	37.939	1.58	2.0	1.92	96
13C-3,3',4,4',5-PeCB	126	42.634	1.60	2.0	2.03	102
13C-2,2',4,4',6,6'-HxCB	155	32.938	1.28	2.0	1.42	71
13C-HxCB(156/157)	156/157	45.691	1.27	4.0	3.90	98
13C-2,3',4,4',5,5'-HxCB	167	44.517	1.28	2.0	1.91	96
13C-3,3',4,4',5,5'-HxCB	169	48.960	1.29	2.0	2.04	102
13C-2,2',3,4',5,6,6'-HpCB	188	38.811	1.07	2.0	1.41	71
13C-2,3,3',4,4',5,5'-HpCB	189	51.488	1.09	2.0	1.91	95
13C-2,2',3,3',5,5',6,6'-OcCB	202	44.266	0.92	2.0	1.36	68
13C-2,3,3',4,4',5,5',6-OcCB	205	54.074	0.90	2.0	1.55	77
13C-2,2',3,3',4,4',5,5',6-NoCB	206	55.820	0.79	2.0	1.45	73
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	51.014	0.78	2.0	1.42	71
13C-DeCB	209	57.415	0.72	2.0	1.41	71
CleanupStandards						
13C-2,4,4'-TrCB	28	23.895	1.08	2.0	1.80	90
13C-2,3,3',5,5'-PeCB	111	35.922	1.60	2.0	1.62	81
13C-2,2',3,3',5,5',6-HpCB	178	41.913	1.06	2.0	1.68	84
Recovery Standards						
13C-2,5-DiCB	9	15.926	1.58	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	25.873	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	33.139	1.61	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	41.461	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	53.600	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Pomeroy Avenue Bridge
Lab Sample ID	10693693017
Filename	Y240613B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0225
2		---	---	ND	---	0.0225
3		---	---	ND	---	0.0225
4		13.520	1.60	4.47	---	0.0225
5		---	---	ND	---	0.0225
6		16.429	1.40	0.0301	---	0.0225
7		---	---	ND	---	0.0225
8		16.956	1.52	0.0355	---	0.0225
9		---	---	ND	---	0.0225
10		13.736	1.56	0.141	---	0.0225
11		---	---	ND	---	0.220
12	12/13	---	---	ND	---	0.0449
13	12/13	---	---	ND	---	0.0449
14		---	---	ND	---	0.0225
15		20.538	1.62	0.0902	---	0.0296
16		20.466	1.11	0.0555	---	0.0225
17		19.963	1.05	0.239	---	0.0225
18	18/30	19.472	1.05	0.219	---	0.0449
19		17.292	1.04	1.02	---	0.0225
20	20/28	---	---	ND	---	0.116
21	21/33	---	---	ND	---	0.121
22		---	---	ND	---	0.0854
23		---	---	ND	---	0.0225
24		---	---	ND	---	0.0225
25		23.258	0.98	0.0461	---	0.0225
26	26/29	22.989	1.01	0.125	---	0.0449
27		20.191	1.03	0.239	---	0.0225
28	20/28	---	---	ND	---	0.116
29	26/29	22.989	1.01	(0.125)	---	0.0449
30	18/30	19.472	1.05	(0.219)	---	0.0449
31		---	---	ND	---	0.117
32		21.078	1.03	0.121	---	0.0225
33	21/33	---	---	ND	---	0.121
34		---	---	ND	---	0.0225
35		---	---	ND	---	0.0225
36		---	---	ND	---	0.0225
37		---	---	ND	---	0.0476
38		---	---	ND	---	0.0225
39		---	---	ND	---	0.0225
40	40/41/71	---	---	ND	---	0.0674
41	40/41/71	---	---	ND	---	0.0674
42		27.550	0.73	0.0240	---	0.0225
43	43/73	---	---	ND	---	0.0449
44	44/47/65	27.031	0.77	0.258	---	0.0674
45	45/51	24.096	0.79	0.138	---	0.0449
46		---	---	ND	---	0.0225
47	44/47/65	27.031	0.77	(0.258)	---	0.0674
48		---	---	ND	---	0.0225

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Pomeroy Avenue Bridge
Lab Sample ID 10693693017
Filename Y240613B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	26.427	0.78	0.217	---	0.0449
50	50/53	23.274	0.77	0.216	---	0.0449
51	45/51	24.096	0.79	(0.138)	---	0.0449
52		25.890	0.78	0.462	---	0.116
53	50/53	23.274	0.77	(0.216)	---	0.0449
54		20.860	0.76	0.0696	---	0.0225
55		---	---	ND	---	0.0225
56		---	---	ND	---	0.0225
57		---	---	ND	---	0.0225
58		---	---	ND	---	0.0225
59	59/62/75	---	---	ND	---	0.0674
60		---	---	ND	---	0.0225
61	61/70/74/76	---	---	ND	---	0.0898
62	59/62/75	---	---	ND	---	0.0674
63		---	---	ND	---	0.0225
64		28.305	0.77	0.0326	---	0.0225
65	44/47/65	27.031	0.77	(0.258)	---	0.0674
66		---	---	ND	---	0.0530
67		---	---	ND	---	0.0225
68		---	---	ND	---	0.0225
69	49/69	26.427	0.78	(0.217)	---	0.0449
70	61/70/74/76	---	---	ND	---	0.0898
71	40/41/71	---	---	ND	---	0.0674
72		---	---	ND	---	0.0225
73	43/73	---	---	ND	---	0.0449
74	61/70/74/76	---	---	ND	---	0.0898
75	59/62/75	---	---	ND	---	0.0674
76	61/70/74/76	---	---	ND	---	0.0898
77		---	---	ND	---	0.0225
78		---	---	ND	---	0.0225
79		---	---	ND	---	0.0225
80		---	---	ND	---	0.0225
81		---	---	ND	---	0.0225
82		---	---	ND	---	0.0225
83		---	---	ND	---	0.0225
84		31.211	1.68	0.0379	---	0.0225
85	85/116/117	---	---	ND	---	0.0674
86	86/87/97/108/119/125	---	---	ND	---	0.135
87	86/87/97/108/119/125	---	---	ND	---	0.135
88	88/91	---	---	ND	---	0.0449
89		---	---	ND	---	0.0225
90	90/101/113	33.172	1.54	0.140	---	0.0674
91	88/91	---	---	ND	---	0.0449
92		32.552	1.55	0.0263	---	0.0225
93	93/98/100/102	---	---	ND	---	0.0898
94		---	---	ND	---	0.0225
95		30.070	1.54	0.237	---	0.0629
96		---	---	ND	---	0.0225

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Pomeroy Avenue Bridge
Lab Sample ID 10693693017
Filename Y240613B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.135
98	93/98/100/102	---	---	ND	---	0.0898
99		33.776	1.55	0.0390	---	0.0225
100	93/98/100/102	---	---	ND	---	0.0898
101	90/101/113	33.172	1.54	(0.140)	---	0.0674
102	93/98/100/102	---	---	ND	---	0.0898
103		---	---	ND	---	0.0225
104		---	---	ND	---	0.0225
105		---	---	ND	---	0.0225
106		---	---	ND	---	0.0225
107	107/124	---	---	ND	---	0.0449
108	86/87/97/108/119/125	---	---	ND	---	0.135
109		---	---	ND	---	0.0225
110	110/115	35.218	1.57	0.0920	---	0.0449
111		---	---	ND	---	0.0225
112		---	---	ND	---	0.0225
113	90/101/113	33.172	1.54	(0.140)	---	0.0674
114		---	---	ND	---	0.0225
115	110/115	35.218	1.57	(0.0920)	---	0.0449
116	85/116/117	---	---	ND	---	0.0674
117	85/116/117	---	---	ND	---	0.0674
118		38.292	1.57	0.0388	---	0.0350
119	86/87/97/108/119/125	---	---	ND	---	0.135
120		---	---	ND	---	0.0225
121		---	---	ND	---	0.0225
122		---	---	ND	---	0.0225
123		---	---	ND	---	0.0225
124	107/124	---	---	ND	---	0.0449
125	86/87/97/108/119/125	---	---	ND	---	0.135
126		---	---	ND	---	0.0225
127		---	---	ND	---	0.0225
128	128/166	---	---	ND	---	0.0449
129	129/138/163	41.477	1.28	0.0930	---	0.0674
130		---	---	ND	---	0.0225
131		---	---	ND	---	0.0225
132		38.392	1.20	0.0301	---	0.0225
133		---	---	ND	---	0.0225
134	134/143	---	---	ND	---	0.0449
135	135/151	36.157	1.28	0.0587	---	0.0449
136		33.675	1.21	0.0234	---	0.0225
137		---	---	ND	---	0.0225
138	129/138/163	41.477	1.28	(0.0930)	---	0.0674
139	139/140	---	---	ND	---	0.0449
140	139/140	---	---	ND	---	0.0449
141		---	---	ND	---	0.0225
142		---	---	ND	---	0.0225
143	134/143	---	---	ND	---	0.0449
144		---	---	ND	---	0.0225

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Pomeroy Avenue Bridge
Lab Sample ID 10693693017
Filename Y240613B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
145		---	---	ND	---	0.0225
146		---	---	ND	---	0.0225
147	147/149	37.118	1.24	0.114	---	0.0449
148		---	---	ND	---	0.0225
149	147/149	37.118	1.24	(0.114)	---	0.0449
150		---	---	ND	---	0.0225
151	135/151	36.157	1.28	(0.0587)	---	0.0449
152		---	---	ND	---	0.0225
153	153/168	40.220	1.26	0.0976	---	0.0449
154		---	---	ND	---	0.0225
155		---	---	ND	---	0.0225
156	156/157	---	---	ND	---	0.0449
157	156/157	---	---	ND	---	0.0449
158		---	---	ND	---	0.0225
159		---	---	ND	---	0.0225
160		---	---	ND	---	0.0225
161		---	---	ND	---	0.0225
162		---	---	ND	---	0.0225
163	129/138/163	41.477	1.28	(0.0930)	---	0.0674
164		---	---	ND	---	0.0225
165		---	---	ND	---	0.0225
166	128/166	---	---	ND	---	0.0449
167		---	---	ND	---	0.0225
168	153/168	40.220	1.26	(0.0976)	---	0.0449
169		---	---	ND	---	0.0225
170		---	---	ND	---	0.0225
171	171/173	---	---	ND	---	0.0449
172		---	---	ND	---	0.0225
173	171/173	---	---	ND	---	0.0449
174		43.729	1.05	0.0229	---	0.0225
175		---	---	ND	---	0.0225
176		---	---	ND	---	0.0225
177		---	---	ND	---	0.0225
178		---	---	ND	---	0.0225
179		---	---	ND	---	0.0225
180	180/193	47.099	1.05	0.0451	---	0.0449
181		---	---	ND	---	0.0225
182		---	---	ND	---	0.0225
183	183/185	---	---	ND	---	0.0449
184		---	---	ND	---	0.0225
185	183/185	---	---	ND	---	0.0449
186		---	---	ND	---	0.0225
187		42.852	0.99	0.0311	---	0.0225
188		---	---	ND	---	0.0225
189		---	---	ND	---	0.0225
190		---	---	ND	---	0.0225
191		---	---	ND	---	0.0225
192		---	---	ND	---	0.0225

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Pomeroy Avenue Bridge
Lab Sample ID	10693693017
Filename	Y240613B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	47.099	1.05	(0.0451)	---	0.0449
194		---	---	ND	---	0.0225
195		---	---	ND	---	0.0225
196		---	---	ND	---	0.0225
197	197/200	---	---	ND	---	0.0449
198	198/199	---	---	ND	---	0.0449
199	198/199	---	---	ND	---	0.0449
200	197/200	---	---	ND	---	0.0449
201		---	---	ND	---	0.0225
202		---	---	ND	---	0.0225
203		---	---	ND	---	0.0225
204		---	---	ND	---	0.0225
205		---	---	ND	---	0.0225
206		---	---	ND	---	0.0225
207		---	---	ND	---	0.0225
208		---	---	ND	---	0.0225
209		---	---	ND	---	0.0225

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Pomeroy Avenue Bridge
Lab Sample ID	10693693017
Filename	Y240613B_12

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	4.77
Total Trichloro Biphenyls	2.06
Total Tetrachloro Biphenyls	1.42
Total Pentachloro Biphenyls	0.611
Total Hexachloro Biphenyls	0.417
Total Heptachloro Biphenyls	0.0991
Total Octachloro Biphenyls	ND
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	9.37

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

General Electric Company

Data Validation Report

Baseline Surface Water Monitoring
Housatonic River – Rest of River
Pittsfield, Massachusetts

Polychlorinated Biphenyl (PCB) Congeners and Total Suspended Solids (TSS) Analyses

SDGs # 10698286, 10698296, 10698585, and 10698693

Tier I and II Level Data Review

Analyses Performed By:
Pace Analytical Services, Inc.
Minneapolis, Minnesota
And
Pace Analytical Services, Melville, New York

Report # 59100R
Project: 30299972.3000

Table of Contents

1 Summary 1
1.1 Analytical Data Package Documentation 2
1.2 Data Validation Procedures 3
2 Polychlorinated Biphenyl Congener Analyses 5
2.1 Holding Times 5
2.2 Blank Contamination 5
2.3 System Performance 6
2.4 Calibration 6
2.4.1 Initial Calibration 6
2.4.2 Continuing Calibration 7
2.5 Surrogates/System Monitoring Compounds 7
2.6 Internal Standard Performance 7
2.7 Matrix Spike/Matrix Spike Duplicate Analysis 7
2.8 Laboratory Duplicate Analysis 7
2.9 Ongoing Precision Result (OPR) / Laboratory Control Sample / Laboratory Control Sample Duplicate Analysis 8
2.10 Field Duplicate Analysis 8
2.11 Compound Identification 10
2.12 System Performance and Overall Assessment 10
2.13 Data Validation Checklist for PCB Congeners 11
3 General Chemistry Analyses 12
3.1 Holding Times 12
3.2 Blank Contamination 12
3.3 Matrix Spike/Matrix Spike Duplicate / Laboratory Duplicate Analysis 12
3.3.1 Matrix Spike/Matrix Spike Duplicate Analysis 12
3.3.2 Laboratory Duplicate Analysis 12
3.4 Field Duplicate Analysis 13
3.5 Laboratory Control Sample (LCS) Analysis 13
3.6 System Performance and Overall Assessment 13
3.7 Data Validation Checklist for General Chemistry 14
4 Overall Data Usability 15

Tables

Table 1. Summary of Samples Subjected to Tier I and Tier II Data Validation 1
Table 2. Evaluation of Data Package Completeness 2
Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation 4
Table 4. Holding Time for USEPA Method 1668C 5
Table 5. Summary of Blank Contamination Qualifications 5
Table 6. Summary of Field Duplicate Analysis 8
Table 7. Data Validation Checklist for Polychlorinated Biphenyls 11
Table 8. Specified Holding Times 12
Table 9. Summary of Field Duplicate Analysis 13
Table 10. Data Validation Checklist for General Chemistry 14
Table 11. Overall Summary of Data Usability 15

Appendices

Appendix A Chain of Custody
Appendix B Annotated Sample Analysis Data Sheets

1 Summary

This attachment summarizes the data validation review of Sample Delivery Groups (SDGs) 10698286, 10698296, 10698585, and 10698693 performed on behalf of the General Electric Company (GE) for surface water sampling activities conducted as part of the Baseline Monitoring at the GE-Pittsfield/Housatonic River Site. The review was conducted at Tier I and Tier II levels and included review of data package completeness. Field documentation was not included in this review. Included with this assessment are the chain-of-custody forms (Appendix A) and the validation annotated sample analysis data sheets (Appendix B). Analyses were performed on the samples listed in Table 1.

Table 1. Summary of Samples Subjected to Tier I and Tier II Data Validation

SDG	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
10698286	DERBY DAM_20240624	10698286001	Water	6/24/2024		X	
	STEVENSON DAM_20240624	10698286002	Water	6/24/2024		X	
	SHEPAUG DAM_20240624	10698286003	Water	6/24/2024		X	
	RT. 202 BRIDGE_20240624	10698286004	Water	6/24/2024		X	
10698296	DERBY DAM_20240624	10698296001	Water	6/24/2024			X
	STEVENSON DAM_20240624	10698296002	Water	6/24/2024			X
	SHEPAUG DAM_20240624	10698296003	Water	6/24/2024			X
	RT. 202 BRIDGE_20240624	10698296004	Water	6/24/2024			X
	RT. 341 BRIDGE_20240625	10698296005	Water	6/25/2024			X
	CANAAN TOWN LINE BRIDGE_20240625	10698296006	Water	6/25/2024			X
	FALLS VILLAGE DAM_20240625	10698296007	Water	6/25/2024			X
	RANNAPO RD. BRIDGE_20240625	10698296008	Water	6/25/2024			X
	RISING POND DAM_20240626	10698296009	Water	6/26/2024			X
	HR-D1_20240626	10698296010	Water	6/26/2024	RISING POND DAM_20240626		X
	OLD PLEASANT STREET BRIDGE_20240626	10698296011	Water	6/26/2024			X
	WOODS POND DAM_20240626	10698296012	Water	6/26/2024			X
	NEW LENOX RD. BRIDGE_20240626	10698296013	Water	6/26/2024			X
	NEAR PITTSFIELD WWTP_20240627	10698296014	Water	6/27/2024			X
10698585	POMEROY AVENUE BRIDGE_20240627	10698585001	Water	6/27/2024			X

SDG	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
10698693	RT. 341 BRIDGE_20240625	10698693001	Water	6/25/2024		X	
	CANAAN TOWN LINE BRIDGE_20240625	10698693002	Water	6/25/2024		X	
	FALLS VILLAGE DAM_20240625	10698693003	Water	6/25/2024		X	
	RANNAPO RD. BRIDGE_20240625	10698693004	Water	6/25/2024		X	
	RISING POND DAM_20240626	10698693005	Water	6/26/2024		X	
	HR-D1_20240626	10698693006	Water	6/26/2024	RISING POND DAM_20240626	X	
	OLD PLEASANT STREET BRIDGE_20240626	10698693007	Water	6/26/2024		X	
	WOODS POND DAM_20240626	10698693008	Water	6/26/2024		X	
	NEW LENOX RD. BRIDGE_20240626	10698693010	Water	6/26/2024		X	
	NEAR PITTSFIELD WWTP_20240627	10698693011	Water	6/27/2024		X	
	POMEROY AVENUE BRIDGE_20240627	10698693012	Water	6/27/2024		X	
	HR-EB1_20240625	10698693013	Water	6/25/2024		X	

Notes:
PCB = Polychlorinated Biphenyl Congeners
TSS = Total suspended solids

1.1 Analytical Data Package Documentation

The table below is the evaluation of the data package completeness.

Table 2. Evaluation of Data Package Completeness

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

Note:
QA = Quality Assurance

1. SDG# 10698693 – As per the COC, the sample WOODS POND DAM (LAB DUP)_20240626 (10698693008) was submitted to the laboratory for duplicate analysis. Hence, this sample was not considered as a regular field sample in this data validation report.

1.2 Data Validation Procedures

Analyses were performed according to United States Environmental Protection Agency (EPA) USEPA Method 1668C and Standard Method 2540D. Data were reviewed in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan – GE-Pittsfield/Housatonic River Site (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, prepared by Arcadis (Revised December 21, 2023);
- EPA Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (July 1996, revised December 1996) (EPA Region I Guidelines);
- EPA National Functional Guidelines for High Resolution Superfund Methods Data Review OLEM 9240.1-65EPA, 542-R-20-007 (November 2020); and
- Second Revised Baseline Monitoring Plan, Housatonic River – Rest of River, General Electric Company, Pittsfield, Massachusetts, prepared by Anchor QEA (January 2023).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers:
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.

- Validation Qualifiers:

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

  JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

  UB Compound considered non-detect at the listed value due to associated blank contamination.

  N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

  R The sample results are rejected.

Two facts should be noted by all data users. First, the “R” flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. “R” values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Section 7.5 of the revised FSP/QAPP states that all analytical data will be validated to a Tier I level following the procedures presented in the EPA Region I Guidelines. The Tier I review consisted of a completeness evidence audit, as outlined in the EPA Region I CSF Completeness Evidence Audit Program (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the EPA Region I Tier I data completeness requirements.

The analytical results described above were also subjected to a Tier II data review. The Tier II data review consisted of a review of data package summary forms for identification of quality assurance (QA)/QC deviations and qualification of the data according to the EPA Region I Guidelines. Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the number of sample analyses subject to Tier I and Tier II data review is presented in the following table.

Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	0	0	0	14	1	1	16
TSS	0	0	0	14	1	0	15

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in EPA Region I Guidelines. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. The annotated sample analysis data sheets attached to this validation report (Appendix B) reflect any added data qualifiers.

2 Polychlorinated Biphenyl Congener Analyses

2.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 4. Holding Time for USEPA Method 1668C

Method	Matrix	Holding Time	Preservation
USEPA Method 1668C	Water	One year from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria.

2.2 Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

All compounds associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the compounds listed in the following table. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Table 5. Summary of Blank Contamination Qualifications

Sample Locations	Compounds	Blank	Sample Result	Qualification
SDG 10698693 RT. 341 BRIDGE_20240625 CANAAN TOWN LINE BRIDGE_20240625 FALLS VILLAGE DAM_20240625	PCB-110/115 PCB-147/149 PCB-4 PCB-90/101/113 PCB-95 PCB-99	Equipment blank (HR-EB1_20240625)	Detected sample results >RL and <BAL	"U" at detected sample concentration
SDG 10698693 RANNAPO RD. BRIDGE_20240625	PCB-110/115 PCB-4 PCB-95			

Sample Locations	Compounds	Blank	Sample Result	Qualification
SDG 10698693 RISING POND DAM_20240626 HR-D1_20240626 OLD PLEASANT STREET BRIDGE_20240626 NEW LENOX RD. BRIDGE_20240626 NEAR PITTSFIELD WWTP_20240627	PCB-8			
SDG 10698693 POMEROY AVENUE BRIDGE_20240627	PCB-110/115 PCB-147/149 PCB-90/101/113 PCB-99			
SDG 10698286 DERBY DAM_20240624 SHEPAUG DAM_20240624	PCB-110/115 PCB-147/149 PCB-4 PCB-90/101/113 PCB-99			
SDG 10698286 STEVENSON DAM_20240624	PCB-147/149 PCB-4 PCB-99			
SDG 10698286 RT. 202 BRIDGE_20240624	PCB-110/115 PCB-147/149 PCB-99			

Note:
RL = Reporting limit

2.3 System Performance

System performance and column resolution were acceptable.

2.4 Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

2.4.1 Initial Calibration

A maximum RSD of 20% is allowed or a correlation coefficient greater than 0.99.

2.4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%).

All compounds associated with the calibrations were within the specified control limits.

2.5 Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with labeled compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. Analysis requires isotope dilution compounds exhibit recoveries within the laboratory-established acceptance limits.

All PCB congeners associated with the labeled compound analysis exhibited recoveries within the control limits.

2.6 Internal Standard Performance

Internal standard performance criteria ensure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria require the internal standard compounds exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

2.7 Matrix Spike/Matrix Spike Duplicate Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The RPD between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on samples where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD analysis was not performed on samples associated with the SDGs# 10698286 and 10698693.

2.8 Laboratory Duplicate Analysis

The laboratory duplicate relative percent difference (RPD) criterion is applied when parent and duplicate sample concentrations are greater than or equal to 5 times the EML. A control limit of 30% for water matrices is applied when the criteria above is true. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the EML, a control limit of one time the EML is applied for water matrices.

The laboratory duplicate analysis performed on sample Woods Pond Dam exhibited acceptable RPD values.

2.9 Ongoing Precision Result (OPR) / Laboratory Control Sample / Laboratory Control Sample Duplicate Analysis

The ongoing precision result (OPR) / laboratory control sample / laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the accuracy of the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the OPR/LCS/LCSD analysis must exhibit a percent recovery and RPD within the laboratory-established acceptance limits.

All compounds associated with the OPR/LCS/LCSD analysis exhibited recoveries and RPDs within the control limits.

2.10 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In an instance when the parent and/or duplicate sample concentrations are less than or equal to five times the EML, a control limit of two times the EML is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 6. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
SDG 10698693 RISING POND DAM_20240626/ HR-D1_20240626	PCB-103	0.096	0.1	4.0 %
	PCB-105	0.065	0.063	AC
	PCB-109	0.044	0.041	AC
	PCB-110/115	0.71	0.69	2.8 %
	PCB-118	0.28	0.27	3.6 %
	PCB-128/166	0.12	0.11	8.6 %
	PCB-129/138/163	1.8	1.7	5.7 %
	PCB-130	0.097	0.093	AC
	PCB-132	0.45	0.45	0.0 %
	PCB-133	0.054	0.052	AC
	PCB-134/143	0.079	0.079	AC
	PCB-135/151	0.92	0.93	1.0 %
	PCB-136	0.26	0.26	0.0 %
	PCB-137	0.027	0.024 U	AC
	PCB-141	0.34	0.35	2.8 %
	PCB-144	0.079	0.079	AC
	PCB-146	0.38	0.37	2.6 %
	PCB-147/149	1.9	1.9	.0 %
	PCB-15	0.059	0.062	AC
	PCB-153/168	1.9	1.8	5.4 %
	PCB-154	0.059	0.059	AC
	PCB-156/157	0.082	0.078	AC

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
	PCB-158	0.12	0.11	8.6 %
	PCB-159	0.022 U	0.03	AC
	PCB-164	0.13	0.13	0.0 %
	PCB-167	0.056	0.05	AC
	PCB-17	0.1	0.11	9.5 %
	PCB-170	0.6	0.52	14.2 %
	PCB-171/173	0.2	0.17	16.2 %
	PCB-172	0.13	0.12	8.0 %
	PCB-174	0.76	0.69	9.6 %
	PCB-175	0.029	0.027	AC
	PCB-176	0.092	0.09	AC
	PCB-177	0.49	0.42	15.3 %
	PCB-178	0.2	0.19	5.1 %
	PCB-179	0.35	0.33	5.8 %
	PCB-18/30	0.084	0.095	AC
	PCB-180/193	1.5	1.3	14.2 %
	PCB-183/185	0.48	0.44	8.6 %
	PCB-187	0.96	0.87	9.8 %
	PCB-189	0.026	0.024 U	AC
	PCB-19	0.48	0.52	8.0 %
	PCB-190	0.14	0.12	15.3 %
	PCB-191	0.024	0.024 U	AC
	PCB-194	0.32	0.28	13.3 %
	PCB-195	0.15	0.13	14.2 %
	PCB-196	0.17	0.15	12.5 %
	PCB-197/200	0.061	0.059	AC
	PCB-198/199	0.36	0.33	8.6 %
	PCB-20/28	0.13	0.14	7.4 %
	PCB-201	0.043	0.04	AC
	PCB-202	0.069	0.066	AC
	PCB-203	0.22	0.2	9.5 %
	PCB-206	0.08	0.074	AC
	PCB-25	0.06	0.065	AC
	PCB-26/29	0.068	0.072	AC
	PCB-27	0.081	0.086	AC
	PCB-32	0.09	0.094	AC
	PCB-4	0.61	0.66	7.8 %
	PCB-40/41/71	0.22	0.23	4.4 %
	PCB-42	0.093	0.095	AC
	PCB-44/47/65	1.7	1.8	5.7 %
	PCB-45/51	0.58	0.63	8.2 %
	PCB-46	0.052	0.054	AC

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
	PCB-49/69	0.96	0.99	3.0 %
	PCB-50/53	0.68	0.71	4.3 %
	PCB-52	0.65	0.68	4.5 %
	PCB-54	0.2	0.21	4.8 %
	PCB-61/70/74/76	0.13	0.14	7.4 %
	PCB-64	0.04	0.044	AC
	PCB-66	0.15	0.15	0.0 %
	PCB-68	0.028	0.03	AC
	PCB-8	0.026	0.027	AC
	PCB-82	0.024	0.025	AC
	PCB-83	0.031	0.032	AC
	PCB-84	0.11	0.11	0.0 %
	PCB-85/116/117	0.097	0.094	AC
	PCB-86/87/97/108/119/125	0.33	0.32	3.0 %
	PCB-88/91	0.35	0.35	0.0 %
	PCB-90/101/113	1.1	1.1	0.0 %
	PCB-92	0.32	0.33	3.0 %
	PCB-93/98/100/102	0.25	0.24	4.0 %
	PCB-94	0.067	0.073	AC
	PCB-95	0.76	0.76	0.0 %
	PCB-96	0.035	0.036	AC
	PCB-99	0.44	0.44	0.0 %

Note:
AC = Acceptable

The calculated RPDs between the parent sample and field duplicate were acceptable.

2.11 Compound Identification

PCB congeners by 1668C are identified by using the compound's ion abundance ratios, signal-to-noise values, and relative retention times.

All identified compounds met the specified criteria.

2.12 System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

2.13 Data Validation Checklist for PCB Congeners

Table 7. Data Validation Checklist for Polychlorinated Biphenyls

PCB Congeners; EPA1668C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
HIGH RESOLUTION GAS CHROMATOGRAPHY/HIGH RESOLUTION MASS SPECTROMETRY (HRGC/HRMS)					
Tier I Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blank		X	X		
LCS %R		X		X	
LCS Duplicate (LCSD) %R		X		X	
LCS/LCSD Precision (RPD)		X		X	
Matrix Spike (MS) %R	X				X
Matrix Spike Duplicate (MSD) %R	X				X
MS/MSD Precision (RPD)	X				X
Field/Lab Duplicate (RPD)		X		X	
Labeled Standard Recovery %R		X		X	
Cleanup Compound %R		X		X	
Dual Column (RPD)		X		X	
Dilution Factor		X		X	
Moisture Content	X				X
Tier II Validation					
Initial calibration %RSDs		X		X	
Continuing calibration %Ds		X		X	
Internal standard		X		X	
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
System performance and column resolution		X		X	
Compound identification and quantitation					
A. A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present		X		X	
E. Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%RSD = Relative standard deviation
RPD = Relative percent difference
%D = Percent Deviation
%R = Percent recovery

3 General Chemistry Analyses

3.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 8. Specified Holding Times

Method	Matrix	Holding Time	Preservation
Total Suspended Solids (TSS) by SM 2540D	Water	7 days from collection to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria.

3.2 Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank is calculated for QA blanks containing concentrations greater than the reporting limit (RL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Analytes were not detected above the RL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

3.3 Matrix Spike/Matrix Spike Duplicate / Laboratory Duplicate Analysis

MS/MSD and laboratory duplicate data are used to assess the precision and accuracy of the analytical method.

3.3.1 Matrix Spike/Matrix Spike Duplicate Analysis

All analytes must exhibit a percent recovery within the established acceptance limits of 75% to 125%. The MS/MSD recovery control limits do not apply for MSMSD performed on sample locations where the analyte's concentration detected in the parent sample exceeds the MSMSD concentration by a factor of four or greater. In instance where this is true, the data will not be qualified even if the percent recovery does not meet the control limits and the laboratory flag will be removed.

The MS/MSD analysis was not performed on a sample within this dataset.

3.3.2 Laboratory Duplicate Analysis

The laboratory duplicate relative percent difference (RPD) criterion is applied when parent and duplicate sample concentrations are greater than or equal to five times the RL. A control limit of 20% for water matrices and 35% for soil matrices is applied when the criteria above is true. In the instance when the parent and/or duplicate

sample concentrations are less than or equal to five times the RL, a control limit of one time the RL is applied for water matrices and two times the RL for soil matrices.

The laboratory duplicate analysis was not performed on a sample associated within this dataset.

3.4 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 9. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Analyte	Sample Result	Duplicate Result	RPD
SDG 10686579 RISING POND DAM_20240626/ HR-D1_20240626	TSS	4.7	3.4	AC

Note:
AC = Acceptable

The results between the parent sample and field duplicate were acceptable.

3.5 Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The analytes associated with the LCS analysis must exhibit a percent recovery between the control limits of 80% and 120%.

All LCS recoveries were within control limits.

3.6 System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

3.7 Data Validation Checklist for General Chemistry

Table 10. Data Validation Checklist for General Chemistry

General Chemistry: SM2540D	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Miscellaneous Instrumentation					
Tier I/II Validation					
Holding Times/Preservation		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method Blanks		X		X	
B. Equipment/Field Blanks	X				X
Laboratory Control Sample (LCS) %R		X		X	
Matrix Spike (MS) %R	X				X
Matrix Spike Duplicate (MSD) %R	X				X
MS/MSD Precision (RPD)	X				X
Field/Lab Duplicate (RPD)		X		X	
Transcription/calculations acceptable		X		X	
Raw Data		X		X	
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%R = Percent recovery
RPD = Relative percent difference

4 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under both the Tier I/II data validation reviews. The percent usability calculation also includes quality control samples (i.e., field/equipment blanks, trip blanks, and field duplicates) to aid in the evaluation of data usability. Data usability is summarized in the following table.

Table 11. Overall Summary of Data Usability

Parameter	Percent Usability	Rejected Data
PCBs	100%	0
TSS	100%	0

The data package completeness, as determined from the Tier I data review, was used in combination with the data quality deviations identified during the Tier II data review to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I and Tier II data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses (discussed in this report) to provide a measure of compliance of the analytical data with the Data Quality Objectives specified in the FSP/QAPP.

VALIDATION PERFORMED BY: Andrew Korycinski

SIGNATURE:

DATE: May 19, 2025

PEER REVIEW: Dennis Capria

DATE: June 16, 2025

Appendix A

Chain of Custody

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix W

WO# : 10698286

10698286

ALL SH

Report Number: 10698286 Client: Arcadis

Company: Arcadis	Billing Information: accountspayable.administration@arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30224932.3000 Housatonic River BMP	State: MA / County/City: Pittsfield / Time Zone Collected: [ ] PT [ ] MT [ ] CT [Y] ET
Phone: 315-671-9374 Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature): Pauly T. Rabasco	Turnaround Date Required: Standard / Immediately Packed on Ice: [Y] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ____ [ ] Hold: ____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: ____

Container Preservative: U

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ____

Analyses: PCB 1668

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: ____	
Sample pH Acceptable	Y N NA
pH Strips: ____	
Sulfide Present	Y N NA
Lead Acetate Strips: ____	

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	PCB 1668	Lab Sample # / Comments
Derby Dam	WT		06/24/24	13:00				4	X	01
Stevenson Dam	WT		06/24/24	14:10				4	X	02
Shepaug Dam	WT		06/24/24	15:30				4	X	03
Rt. 202 Bridge	WT		06/24/24	17:45				4	X	04

Customer Remarks / Special Conditions / Possible Hazards:

Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2913773

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: (Y) N NA
Therm ID#: T4
Cooler 1 Temp Upon Receipt: 1.5, 4.5 oC
Cooler 1 Therm Corr. Factor: -0.2 oC
Cooler 1 Corrected Temp: 1.3, 4.3 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Pauly T. Rabasco / Arcadis	06/27/24 17:30		6/28/24 940
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

Page 7 of 7

Appendix B

Annotated Sample Analysis Data Sheets

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Derby Dam		
Lab Sample ID	10698286001		
Filename	Y240807B_09		
Injected By	CVS		
Total Amount Extracted	1770 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	06/24/2024 13:00
ICAL ID	Y240807B02	Received	06/28/2024 09:40
CCal Filename(s)	Y240807B_01	Extracted	08/01/2024 14:00
Method Blank ID	BLANK-114077	Analyzed	08/08/2024 04:09

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.292	3.21	2.0	0.826	41
13C-4-MoCB	3	11.903	3.20	2.0	0.974	49
13C-2,2'-DiCB	4	12.191	1.57	2.0	0.780	39
13C-4,4'-DiCB	15	19.005	1.60	2.0	1.20	60
13C-2,2',6-TrCB	19	15.831	1.04	2.0	0.826	41
13C-3,4,4'-TrCB	37	26.618	1.06	2.0	1.60	80
13C-2,2',6,6'-TeCB	54	19.324	0.79	2.0	0.908	45
13C-3,4,4',5-TeCB	81	33.648	0.80	2.0	1.73	87
13C-3,3',4,4'-TeCB	77	34.235	0.80	2.0	1.78	89
13C-2,2',4,6,6'-PeCB	104	25.293	1.59	2.0	1.11	55
13C-2,3,3',4,4'-PeCB	105	37.811	1.58	2.0	1.59	79
13C-2,3,4,4',5-PeCB	114	37.158	1.58	2.0	1.63	82
13C-2,3',4,4',5-PeCB	118	36.621	1.57	2.0	1.64	82
13C-2,3',4,4',5'-PeCB	123	36.285	1.59	2.0	1.66	83
13C-3,3',4,4',5-PeCB	126	40.963	1.61	2.0	1.78	89
13C-2,2',4,4',6,6'-HxCB	155	31.284	1.29	2.0	1.37	69
13C-HxCB(156/157)	156/157	44.003	1.27	4.0	3.37	84
13C-2,3',4,4',5,5'-HxCB	167	42.847	1.30	2.0	1.70	85
13C-3,3',4,4',5,5'-HxCB	169	47.273	1.30	2.0	1.83	91
13C-2,2',3,4',5,6,6'-HpCB	188	37.141	1.07	2.0	1.37	69
13C-2,3,3',4,4',5,5'-HpCB	189	49.814	1.08	2.0	1.78	89
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.578	0.91	2.0	1.35	68
13C-2,3,3',4,4',5,5',6-OcCB	205	52.379	0.91	2.0	1.39	70
13C-2,2',3,3',4,4',5,5',6-NoCB	206	54.125	0.83	2.0	1.37	69
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	49.319	0.80	2.0	1.38	69
13C-DeCB	209	55.720	0.73	2.0	1.35	67
CleanupStandards						
13C-2,4,4'-TrCB	28	22.342	1.03	2.0	1.45	73
13C-2,3,3',5,5'-PeCB	111	34.268	1.59	2.0	1.37	68
13C-2,2',3,3',5,5',6-HpCB	178	40.226	1.07	2.0	1.46	73
Recovery Standards						
13C-2,5-DiCB	9	14.537	1.61	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	24.287	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.502	1.59	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.790	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.905	0.90	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10698286001
Filename	Y240807B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
1		---	---	ND		---	0.0226
2		---	---	ND		---	0.0226
3		---	---	ND		---	0.0226
4		12.215	1.40	0.0564	U	---	0.0226
5		---	---	ND		---	0.0226
6		---	---	ND		---	0.0226
7		---	---	ND		---	0.0226
8		---	---	ND		---	0.0226
9		---	---	ND		---	0.0226
10		---	---	ND		---	0.0226
11		---	---	ND		---	0.222
12	12/13	---	---	ND		---	0.0453
13	12/13	---	---	ND		---	0.0453
14		---	---	ND		---	0.0226
15		---	---	ND		---	0.0299
16		---	---	ND		---	0.0226
17		---	---	ND		---	0.0226
18	18/30	---	---	ND		---	0.0453
19		---	---	ND		---	0.0226
20	20/28	---	---	ND		---	0.117
21	21/33	---	---	ND		---	0.122
22		---	---	ND		---	0.0860
23		---	---	ND		---	0.0226
24		---	---	ND		---	0.0226
25		---	---	ND		---	0.0226
26	26/29	---	---	ND		---	0.0453
27		---	---	ND		---	0.0226
28	20/28	---	---	ND		---	0.117
29	26/29	---	---	ND		---	0.0453
30	18/30	---	---	ND		---	0.0453
31		---	---	ND		---	0.118
32		---	---	ND		---	0.0226
33	21/33	---	---	ND		---	0.122
34		---	---	ND		---	0.0226
35		---	---	ND		---	0.0226
36		---	---	ND		---	0.0226
37		---	---	ND		---	0.0480
38		---	---	ND		---	0.0226
39		---	---	ND		---	0.0226
40	40/41/71	---	---	ND		---	0.0679
41	40/41/71	---	---	ND		---	0.0679
42		---	---	ND		---	0.0226
43	43/73	---	---	ND		---	0.0453
44	44/47/65	25.427	0.75	0.0745		---	0.0679
45	45/51	---	---	ND		---	0.0453
46		---	---	ND		---	0.0226
47	44/47/65	25.427	0.75	(0.0745)		---	0.0679
48		---	---	ND		---	0.0226

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10698286001
Filename	Y240807B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
49	49/69	---	---	ND		---	0.0453
50	50/53	---	---	ND		---	0.0453
51	45/51	---	---	ND		---	0.0453
52		---	---	ND		---	0.117
53	50/53	---	---	ND		---	0.0453
54		---	---	ND		---	0.0226
55		---	---	ND		---	0.0226
56		---	---	ND		---	0.0226
57		---	---	ND		---	0.0226
58		---	---	ND		---	0.0226
59	59/62/75	---	---	ND		---	0.0679
60		---	---	ND		---	0.0226
61	61/70/74/76	---	---	ND		---	0.0906
62	59/62/75	---	---	ND		---	0.0679
63		---	---	ND		---	0.0226
64		---	---	ND		---	0.0226
65	44/47/65	25.427	0.75	(0.0745)		---	0.0679
66		---	---	ND		---	0.0534
67		---	---	ND		---	0.0226
68		---	---	ND		---	0.0226
69	49/69	---	---	ND		---	0.0453
70	61/70/74/76	---	---	ND		---	0.0906
71	40/41/71	---	---	ND		---	0.0679
72		---	---	ND		---	0.0226
73	43/73	---	---	ND		---	0.0453
74	61/70/74/76	---	---	ND		---	0.0906
75	59/62/75	---	---	ND		---	0.0679
76	61/70/74/76	---	---	ND		---	0.0906
77		---	---	ND		---	0.0226
78		---	---	ND		---	0.0226
79		---	---	ND		---	0.0226
80		---	---	ND		---	0.0226
81		---	---	ND		---	0.0226
82		---	---	ND		---	0.0226
83		---	---	ND		---	0.0226
84		---	---	ND		---	0.0226
85	85/116/117	---	---	ND		---	0.0679
86	86/87/97/108/119/125	---	---	ND		---	0.136
87	86/87/97/108/119/125	---	---	ND		---	0.136
88	88/91	---	---	ND		---	0.0453
89		---	---	ND		---	0.0226
90	90/101/113	31.535	1.50	0.0692	U	---	0.0679
91	88/91	---	---	ND		---	0.0453
92		---	---	ND		---	0.0226
93	93/98/100/102	---	---	ND		---	0.0906
94		---	---	ND		---	0.0226
95		---	---	ND		---	0.0634
96		---	---	ND		---	0.0226

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID Derby Dam
Lab Sample ID 10698286001
Filename Y240807B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND	---	0.136
98	93/98/100/102	---	---	ND	---	0.0906
99		32.139	1.43	0.0293 U	---	0.0226
100	93/98/100/102	---	---	ND	---	0.0906
101	90/101/113	31.535	1.50	(0.0692) U	---	0.0679
102	93/98/100/102	---	---	ND	---	0.0906
103		---	---	ND	---	0.0226
104		---	---	ND	---	0.0226
105		---	---	ND	---	0.0226
106		---	---	ND	---	0.0226
107	107/124	---	---	ND	---	0.0453
108	86/87/97/108/119/125	---	---	ND	---	0.136
109		---	---	ND	---	0.0226
110	110/115	33.564	1.61	0.0513 U	---	0.0453
111		---	---	ND	---	0.0226
112		---	---	ND	---	0.0226
113	90/101/113	31.535	1.50	(0.0692) U	---	0.0679
114		---	---	ND	---	0.0226
115	110/115	33.564	1.61	(0.0513) U	---	0.0453
116	85/116/117	---	---	ND	---	0.0679
117	85/116/117	---	---	ND	---	0.0679
118		---	---	ND	---	0.0353
119	86/87/97/108/119/125	---	---	ND	---	0.136
120		---	---	ND	---	0.0226
121		---	---	ND	---	0.0226
122		---	---	ND	---	0.0226
123		---	---	ND	---	0.0226
124	107/124	---	---	ND	---	0.0453
125	86/87/97/108/119/125	---	---	ND	---	0.136
126		---	---	ND	---	0.0226
127		---	---	ND	---	0.0226
128	128/166	---	---	ND	---	0.0453
129	129/138/163	39.806	1.25	0.0873	---	0.0679
130		---	---	ND	---	0.0226
131		---	---	ND	---	0.0226
132		---	---	ND	---	0.0226
133		---	---	ND	---	0.0226
134	134/143	---	---	ND	---	0.0453
135	135/151	---	---	ND	---	0.0453
136		---	---	ND	---	0.0226
137		---	---	ND	---	0.0226
138	129/138/163	39.806	1.25	(0.0873)	---	0.0679
139	139/140	---	---	ND	---	0.0453
140	139/140	---	---	ND	---	0.0453
141		---	---	ND	---	0.0226
142		---	---	ND	---	0.0226
143	134/143	---	---	ND	---	0.0453
144		---	---	ND	---	0.0226

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10698286001
Filename	Y240807B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
145		---	---	ND		---	0.0226
146		---	---	ND		---	0.0226
147	147/149	35.447	1.25	0.0874	U	---	0.0453
148		---	---	ND		---	0.0226
149	147/149	35.447	1.25	(0.0874)	U	---	0.0453
150		---	---	ND		---	0.0226
151	135/151	---	---	ND		---	0.0453
152		---	---	ND		---	0.0226
153	153/168	38.549	1.22	0.0983		---	0.0453
154		---	---	ND		---	0.0226
155		---	---	ND		---	0.0226
156	156/157	---	---	ND		---	0.0453
157	156/157	---	---	ND		---	0.0453
158		---	---	ND		---	0.0226
159		---	---	ND		---	0.0226
160		---	---	ND		---	0.0226
161		---	---	ND		---	0.0226
162		---	---	ND		---	0.0226
163	129/138/163	39.806	1.25	(0.0873)		---	0.0679
164		---	---	ND		---	0.0226
165		---	---	ND		---	0.0226
166	128/166	---	---	ND		---	0.0453
167		---	---	ND		---	0.0226
168	153/168	38.549	1.22	(0.0983)		---	0.0453
169		---	---	ND		---	0.0226
170		---	---	ND		---	0.0226
171	171/173	---	---	ND		---	0.0453
172		---	---	ND		---	0.0226
173	171/173	---	---	ND		---	0.0453
174		42.042	1.01	0.0268		---	0.0226
175		---	---	ND		---	0.0226
176		---	---	ND		---	0.0226
177		---	---	ND		---	0.0226
178		---	---	ND		---	0.0226
179		---	---	ND		---	0.0226
180	180/193	45.412	1.01	0.0506		---	0.0453
181		---	---	ND		---	0.0226
182		---	---	ND		---	0.0226
183	183/185	---	---	ND		---	0.0453
184		---	---	ND		---	0.0226
185	183/185	---	---	ND		---	0.0453
186		---	---	ND		---	0.0226
187		41.181	1.06	0.0389		---	0.0226
188		---	---	ND		---	0.0226
189		---	---	ND		---	0.0226
190		---	---	ND		---	0.0226
191		---	---	ND		---	0.0226
192		---	---	ND		---	0.0226

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10698286001
Filename	Y240807B_09

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.412	1.01	(0.0506)	---	0.0453
194		---	---	ND	---	0.0226
195		---	---	ND	---	0.0226
196		---	---	ND	---	0.0226
197	197/200	---	---	ND	---	0.0453
198	198/199	---	---	ND	---	0.0453
199	198/199	---	---	ND	---	0.0453
200	197/200	---	---	ND	---	0.0453
201		---	---	ND	---	0.0226
202		---	---	ND	---	0.0226
203		---	---	ND	---	0.0226
204		---	---	ND	---	0.0226
205		---	---	ND	---	0.0226
206		---	---	ND	---	0.0226
207		---	---	ND	---	0.0226
208		---	---	ND	---	0.0226
209		---	---	ND	---	0.0226

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Derby Dam
Lab Sample ID	10698286001
Filename	Y240807B_09

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.0564
Total Trichloro Biphenyls	ND
Total Tetrachloro Biphenyls	0.0745
Total Pentachloro Biphenyls	0.150
Total Hexachloro Biphenyls	0.273
Total Heptachloro Biphenyls	0.116
Total Octachloro Biphenyls	ND
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	0.670

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Stevenson Dam		
Lab Sample ID	10698286002		
Filename	Y240807B_10		
Injected By	CVS		
Total Amount Extracted	1690 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	06/24/2024 14:10
ICAL ID	Y240807B02	Received	06/28/2024 09:40
CCal Filename(s)	Y240807B_01	Extracted	08/01/2024 14:00
Method Blank ID	BLANK-114077	Analyzed	08/08/2024 05:08

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.268	3.20	2.0	0.910	46
13C-4-MoCB	3	11.903	3.25	2.0	1.10	55
13C-2,2'-DiCB	4	12.179	1.58	2.0	0.890	44
13C-4,4'-DiCB	15	19.006	1.59	2.0	1.30	65
13C-2,2',6-TrCB	19	15.831	1.06	2.0	0.916	46
13C-3,4,4'-TrCB	37	26.620	1.06	2.0	1.63	82
13C-2,2',6,6'-TeCB	54	19.325	0.78	2.0	0.949	47
13C-3,4,4',5-TeCB	81	33.667	0.79	2.0	1.78	89
13C-3,3',4,4'-TeCB	77	34.237	0.79	2.0	1.85	92
13C-2,2',4,6,6'-PeCB	104	25.312	1.59	2.0	1.06	53
13C-2,3,3',4,4'-PeCB	105	37.815	1.60	2.0	1.70	85
13C-2,3,4,4',5-PeCB	114	37.161	1.60	2.0	1.76	88
13C-2,3',4,4',5-PeCB	118	36.624	1.62	2.0	1.74	87
13C-2,3',4,4',5'-PeCB	123	36.289	1.59	2.0	1.72	86
13C-3,3',4,4',5-PeCB	126	40.967	1.58	2.0	1.93	97
13C-2,2',4,4',6,6'-HxCB	155	31.287	1.30	2.0	1.30	65
13C-HxCB(156/157)	156/157	44.008	1.28	4.0	3.76	94
13C-2,3',4,4',5,5'-HxCB	167	42.850	1.28	2.0	1.83	92
13C-3,3',4,4',5,5'-HxCB	169	47.278	1.27	2.0	1.99	100
13C-2,2',3,4',5,6,6'-HpCB	188	37.144	1.06	2.0	1.49	75
13C-2,3,3',4,4',5,5'-HpCB	189	49.824	1.08	2.0	1.95	97
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.582	0.92	2.0	1.46	73
13C-2,3,3',4,4',5,5',6-OcCB	205	52.389	0.93	2.0	1.50	75
13C-2,2',3,3',4,4',5,5',6-NoCB	206	54.135	0.80	2.0	1.48	74
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	49.328	0.79	2.0	1.49	74
13C-DeCB	209	55.730	0.70	2.0	1.51	75
CleanupStandards						
13C-2,4,4'-TrCB	28	22.344	1.04	2.0	1.58	79
13C-2,3,3',5,5'-PeCB	111	34.288	1.57	2.0	1.43	72
13C-2,2',3,3',5,5',6-HpCB	178	40.246	1.06	2.0	1.59	80
Recovery Standards						
13C-2,5-DiCB	9	14.537	1.61	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	24.306	0.78	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.504	1.57	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.794	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.915	0.92	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10698286002
Filename	Y240807B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
1		---	---	ND		---	0.0237
2		---	---	ND		---	0.0237
3		---	---	ND		---	0.0237
4		12.203	1.55	0.0360	U	---	0.0237
5		---	---	ND		---	0.0237
6		---	---	ND		---	0.0237
7		---	---	ND		---	0.0237
8		---	---	ND		---	0.0237
9		---	---	ND		---	0.0237
10		---	---	ND		---	0.0237
11		---	---	ND		---	0.232
12	12/13	---	---	ND		---	0.0474
13	12/13	---	---	ND		---	0.0474
14		---	---	ND		---	0.0237
15		---	---	ND		---	0.0313
16		---	---	ND		---	0.0237
17		---	---	ND		---	0.0237
18	18/30	---	---	ND		---	0.0474
19		---	---	ND		---	0.0237
20	20/28	---	---	ND		---	0.122
21	21/33	---	---	ND		---	0.128
22		---	---	ND		---	0.0901
23		---	---	ND		---	0.0237
24		---	---	ND		---	0.0237
25		---	---	ND		---	0.0237
26	26/29	---	---	ND		---	0.0474
27		---	---	ND		---	0.0237
28	20/28	---	---	ND		---	0.122
29	26/29	---	---	ND		---	0.0474
30	18/30	---	---	ND		---	0.0474
31		---	---	ND		---	0.123
32		---	---	ND		---	0.0237
33	21/33	---	---	ND		---	0.128
34		---	---	ND		---	0.0237
35		---	---	ND		---	0.0237
36		---	---	ND		---	0.0237
37		---	---	ND		---	0.0503
38		---	---	ND		---	0.0237
39		---	---	ND		---	0.0237
40	40/41/71	---	---	ND		---	0.0712
41	40/41/71	---	---	ND		---	0.0712
42		---	---	ND		---	0.0237
43	43/73	---	---	ND		---	0.0474
44	44/47/65	---	---	ND		---	0.0712
45	45/51	---	---	ND		---	0.0474
46		---	---	ND		---	0.0237
47	44/47/65	---	---	ND		---	0.0712
48		---	---	ND		---	0.0237

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10698286002
Filename	Y240807B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	---	---	ND	---	0.0474
50	50/53	---	---	ND	---	0.0474
51	45/51	---	---	ND	---	0.0474
52		---	---	ND	---	0.122
53	50/53	---	---	ND	---	0.0474
54		---	---	ND	---	0.0237
55		---	---	ND	---	0.0237
56		---	---	ND	---	0.0237
57		---	---	ND	---	0.0237
58		---	---	ND	---	0.0237
59	59/62/75	---	---	ND	---	0.0712
60		---	---	ND	---	0.0237
61	61/70/74/76	---	---	ND	---	0.0949
62	59/62/75	---	---	ND	---	0.0712
63		---	---	ND	---	0.0237
64		---	---	ND	---	0.0237
65	44/47/65	---	---	ND	---	0.0712
66		---	---	ND	---	0.0560
67		---	---	ND	---	0.0237
68		---	---	ND	---	0.0237
69	49/69	---	---	ND	---	0.0474
70	61/70/74/76	---	---	ND	---	0.0949
71	40/41/71	---	---	ND	---	0.0712
72		---	---	ND	---	0.0237
73	43/73	---	---	ND	---	0.0474
74	61/70/74/76	---	---	ND	---	0.0949
75	59/62/75	---	---	ND	---	0.0712
76	61/70/74/76	---	---	ND	---	0.0949
77		---	---	ND	---	0.0237
78		---	---	ND	---	0.0237
79		---	---	ND	---	0.0237
80		---	---	ND	---	0.0237
81		---	---	ND	---	0.0237
82		---	---	ND	---	0.0237
83		---	---	ND	---	0.0237
84		---	---	ND	---	0.0237
85	85/116/117	---	---	ND	---	0.0712
86	86/87/97/108/119/125	---	---	ND	---	0.142
87	86/87/97/108/119/125	---	---	ND	---	0.142
88	88/91	---	---	ND	---	0.0474
89		---	---	ND	---	0.0237
90	90/101/113	---	---	ND	---	0.0712
91	88/91	---	---	ND	---	0.0474
92		---	---	ND	---	0.0237
93	93/98/100/102	---	---	ND	---	0.0949
94		---	---	ND	---	0.0237
95		---	---	ND	---	0.0664
96		---	---	ND	---	0.0237

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10698286002
Filename	Y240807B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND		---	0.142
98	93/98/100/102	---	---	ND		---	0.0949
99		32.142	1.47	0.0242	U	---	0.0237
100	93/98/100/102	---	---	ND		---	0.0949
101	90/101/113	---	---	ND		---	0.0712
102	93/98/100/102	---	---	ND		---	0.0949
103		---	---	ND		---	0.0237
104		---	---	ND		---	0.0237
105		---	---	ND		---	0.0237
106		---	---	ND		---	0.0237
107	107/124	---	---	ND		---	0.0474
108	86/87/97/108/119/125	---	---	ND		---	0.142
109		---	---	ND		---	0.0237
110	110/115	---	---	ND		---	0.0474
111		---	---	ND		---	0.0237
112		---	---	ND		---	0.0237
113	90/101/113	---	---	ND		---	0.0712
114		---	---	ND		---	0.0237
115	110/115	---	---	ND		---	0.0474
116	85/116/117	---	---	ND		---	0.0712
117	85/116/117	---	---	ND		---	0.0712
118		---	---	ND		---	0.0370
119	86/87/97/108/119/125	---	---	ND		---	0.142
120		---	---	ND		---	0.0237
121		---	---	ND		---	0.0237
122		---	---	ND		---	0.0237
123		---	---	ND		---	0.0237
124	107/124	---	---	ND		---	0.0474
125	86/87/97/108/119/125	---	---	ND		---	0.142
126		---	---	ND		---	0.0237
127		---	---	ND		---	0.0237
128	128/166	---	---	ND		---	0.0474
129	129/138/163	---	---	ND		---	0.0712
130		---	---	ND		---	0.0237
131		---	---	ND		---	0.0237
132		---	---	ND		---	0.0237
133		---	---	ND		---	0.0237
134	134/143	---	---	ND		---	0.0474
135	135/151	---	---	ND		---	0.0474
136		---	---	ND		---	0.0237
137		---	---	ND		---	0.0237
138	129/138/163	---	---	ND		---	0.0712
139	139/140	---	---	ND		---	0.0474
140	139/140	---	---	ND		---	0.0474
141		---	---	ND		---	0.0237
142		---	---	ND		---	0.0237
143	134/143	---	---	ND		---	0.0474
144		---	---	ND		---	0.0237

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10698286002
Filename	Y240807B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
145		---	---	ND		---	0.0237
146		---	---	ND		---	0.0237
147	147/149	35.467	1.25	0.0597	U	---	0.0474
148		---	---	ND		---	0.0237
149	147/149	35.467	1.25	(0.0597)	U	---	0.0474
150		---	---	ND		---	0.0237
151	135/151	---	---	ND		---	0.0474
152		---	---	ND		---	0.0237
153	153/168	38.570	1.22	0.0728		---	0.0474
154		---	---	ND		---	0.0237
155		---	---	ND		---	0.0237
156	156/157	---	---	ND		---	0.0474
157	156/157	---	---	ND		---	0.0474
158		---	---	ND		---	0.0237
159		---	---	ND		---	0.0237
160		---	---	ND		---	0.0237
161		---	---	ND		---	0.0237
162		---	---	ND		---	0.0237
163	129/138/163	---	---	ND		---	0.0712
164		---	---	ND		---	0.0237
165		---	---	ND		---	0.0237
166	128/166	---	---	ND		---	0.0474
167		---	---	ND		---	0.0237
168	153/168	38.570	1.22	(0.0728)		---	0.0474
169		---	---	ND		---	0.0237
170		---	---	ND		---	0.0237
171	171/173	---	---	ND		---	0.0474
172		---	---	ND		---	0.0237
173	171/173	---	---	ND		---	0.0474
174		---	---	ND		---	0.0237
175		---	---	ND		---	0.0237
176		---	---	ND		---	0.0237
177		---	---	ND		---	0.0237
178		---	---	ND		---	0.0237
179		---	---	ND		---	0.0237
180	180/193	---	---	ND		---	0.0474
181		---	---	ND		---	0.0237
182		---	---	ND		---	0.0237
183	183/185	---	---	ND		---	0.0474
184		---	---	ND		---	0.0237
185	183/185	---	---	ND		---	0.0474
186		---	---	ND		---	0.0237
187		41.185	1.12	0.0284		---	0.0237
188		---	---	ND		---	0.0237
189		---	---	ND		---	0.0237
190		---	---	ND		---	0.0237
191		---	---	ND		---	0.0237
192		---	---	ND		---	0.0237

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10698286002
Filename	Y240807B_10

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	---	---	ND	---	0.0474
194		---	---	ND	---	0.0237
195		---	---	ND	---	0.0237
196		---	---	ND	---	0.0237
197	197/200	---	---	ND	---	0.0474
198	198/199	---	---	ND	---	0.0474
199	198/199	---	---	ND	---	0.0474
200	197/200	---	---	ND	---	0.0474
201		---	---	ND	---	0.0237
202		---	---	ND	---	0.0237
203		---	---	ND	---	0.0237
204		---	---	ND	---	0.0237
205		---	---	ND	---	0.0237
206		---	---	ND	---	0.0237
207		---	---	ND	---	0.0237
208		---	---	ND	---	0.0237
209		---	---	ND	---	0.0237

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Stevenson Dam
Lab Sample ID	10698286002
Filename	Y240807B_10

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.0360
Total Trichloro Biphenyls	ND
Total Tetrachloro Biphenyls	ND
Total Pentachloro Biphenyls	0.0242
Total Hexachloro Biphenyls	0.132
Total Heptachloro Biphenyls	0.0284
Total Octachloro Biphenyls	ND
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	0.221

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Shepaug Dam		
Lab Sample ID	10698286003		
Filename	Y240807B_11		
Injected By	CVS		
Total Amount Extracted	1760 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	06/24/2024 15:30
ICAL ID	Y240807B02	Received	06/28/2024 09:40
CCal Filename(s)	Y240807B_01	Extracted	08/01/2024 14:00
Method Blank ID	BLANK-114077	Analyzed	08/08/2024 06:08

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.352	3.27	2.0	0.893	45
13C-4-MoCB	3	11.951	3.37	2.0	1.06	53
13C-2,2'-DiCB	4	12.239	1.60	2.0	0.855	43
13C-4,4'-DiCB	15	19.018	1.60	2.0	1.29	64
13C-2,2',6-TrCB	19	15.855	1.05	2.0	0.904	45
13C-3,4,4'-TrCB	37	26.601	1.08	2.0	1.69	85
13C-2,2',6,6'-TeCB	54	19.325	0.79	2.0	0.916	46
13C-3,4,4',5-TeCB	81	33.647	0.78	2.0	1.82	91
13C-3,3',4,4'-TeCB	77	34.217	0.81	2.0	1.92	96
13C-2,2',4,6,6'-PeCB	104	25.293	1.59	2.0	1.08	54
13C-2,3,3',4,4'-PeCB	105	37.794	1.59	2.0	1.82	91
13C-2,3,4,4',5-PeCB	114	37.157	1.59	2.0	1.87	93
13C-2,3',4,4',5-PeCB	118	36.603	1.58	2.0	1.84	92
13C-2,3',4,4',5'-PeCB	123	36.268	1.58	2.0	1.84	92
13C-3,3',4,4',5-PeCB	126	40.945	1.57	2.0	2.00	100
13C-2,2',4,4',6,6'-HxCB	155	31.267	1.29	2.0	1.41	70
13C-HxCB(156/157)	156/157	43.986	1.27	4.0	3.93	98
13C-2,3',4,4',5,5'-HxCB	167	42.829	1.28	2.0	1.95	98
13C-3,3',4,4',5,5'-HxCB	169	47.255	1.29	2.0	2.13	107
13C-2,2',3,4',5,6,6'-HpCB	188	37.140	1.05	2.0	1.59	80
13C-2,3,3',4,4',5,5'-HpCB	189	49.791	1.06	2.0	2.05	103
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.577	0.92	2.0	1.56	78
13C-2,3,3',4,4',5,5',6-OcCB	205	52.377	0.88	2.0	1.61	81
13C-2,2',3,3',4,4',5,5',6-NoCB	206	54.102	0.81	2.0	1.59	79
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	49.296	0.81	2.0	1.61	80
13C-DeCB	209	55.696	0.73	2.0	1.62	81
CleanupStandards						
13C-2,4,4'-TrCB	28	22.342	1.05	2.0	1.60	80
13C-2,3,3',5,5'-PeCB	111	34.268	1.55	2.0	1.53	77
13C-2,2',3,3',5,5',6-HpCB	178	40.225	1.06	2.0	1.77	89
Recovery Standards						
13C-2,5-DiCB	9	14.573	1.59	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	24.287	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.485	1.58	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.772	1.26	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.903	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10698286003
Filename	Y240807B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
1		---	---	ND		---	0.0227
2		---	---	ND		---	0.0227
3		---	---	ND		---	0.0227
4		12.251	1.40	0.0695	U	---	0.0227
5		---	---	ND		---	0.0227
6		---	---	ND		---	0.0227
7		---	---	ND		---	0.0227
8		---	---	ND		---	0.0227
9		---	---	ND		---	0.0227
10		---	---	ND		---	0.0227
11		---	---	ND		---	0.223
12	12/13	---	---	ND		---	0.0455
13	12/13	---	---	ND		---	0.0455
14		---	---	ND		---	0.0227
15		---	---	ND		---	0.0300
16		---	---	ND		---	0.0227
17		---	---	ND		---	0.0227
18	18/30	---	---	ND		---	0.0455
19		15.879	1.07	0.0228		---	0.0227
20	20/28	---	---	ND		---	0.117
21	21/33	---	---	ND		---	0.123
22		---	---	ND		---	0.0864
23		---	---	ND		---	0.0227
24		---	---	ND		---	0.0227
25		---	---	ND		---	0.0227
26	26/29	---	---	ND		---	0.0455
27		---	---	ND		---	0.0227
28	20/28	---	---	ND		---	0.117
29	26/29	---	---	ND		---	0.0455
30	18/30	---	---	ND		---	0.0455
31		---	---	ND		---	0.118
32		---	---	ND		---	0.0227
33	21/33	---	---	ND		---	0.123
34		---	---	ND		---	0.0227
35		---	---	ND		---	0.0227
36		---	---	ND		---	0.0227
37		---	---	ND		---	0.0482
38		---	---	ND		---	0.0227
39		---	---	ND		---	0.0227
40	40/41/71	---	---	ND		---	0.0682
41	40/41/71	---	---	ND		---	0.0682
42		---	---	ND		---	0.0227
43	43/73	---	---	ND		---	0.0455
44	44/47/65	---	---	ND		---	0.0682
45	45/51	---	---	ND		---	0.0455
46		---	---	ND		---	0.0227
47	44/47/65	---	---	ND		---	0.0682
48		---	---	ND		---	0.0227

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10698286003
Filename	Y240807B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
49	49/69	---	---	ND		---	0.0455
50	50/53	---	---	ND		---	0.0455
51	45/51	---	---	ND		---	0.0455
52		---	---	ND		---	0.117
53	50/53	---	---	ND		---	0.0455
54		---	---	ND		---	0.0227
55		---	---	ND		---	0.0227
56		---	---	ND		---	0.0227
57		---	---	ND		---	0.0227
58		---	---	ND		---	0.0227
59	59/62/75	---	---	ND		---	0.0682
60		---	---	ND		---	0.0227
61	61/70/74/76	---	---	ND		---	0.0909
62	59/62/75	---	---	ND		---	0.0682
63		---	---	ND		---	0.0227
64		---	---	ND		---	0.0227
65	44/47/65	---	---	ND		---	0.0682
66		---	---	ND		---	0.0536
67		---	---	ND		---	0.0227
68		---	---	ND		---	0.0227
69	49/69	---	---	ND		---	0.0455
70	61/70/74/76	---	---	ND		---	0.0909
71	40/41/71	---	---	ND		---	0.0682
72		---	---	ND		---	0.0227
73	43/73	---	---	ND		---	0.0455
74	61/70/74/76	---	---	ND		---	0.0909
75	59/62/75	---	---	ND		---	0.0682
76	61/70/74/76	---	---	ND		---	0.0909
77		---	---	ND		---	0.0227
78		---	---	ND		---	0.0227
79		---	---	ND		---	0.0227
80		---	---	ND		---	0.0227
81		---	---	ND		---	0.0227
82		---	---	ND		---	0.0227
83		---	---	ND		---	0.0227
84		---	---	ND		---	0.0227
85	85/116/117	---	---	ND		---	0.0682
86	86/87/97/108/119/125	---	---	ND		---	0.136
87	86/87/97/108/119/125	---	---	ND		---	0.136
88	88/91	---	---	ND		---	0.0455
89		---	---	ND		---	0.0227
90	90/101/113	31.518	1.57	0.0763	U	---	0.0682
91	88/91	---	---	ND		---	0.0455
92		---	---	ND		---	0.0227
93	93/98/100/102	---	---	ND		---	0.0909
94		---	---	ND		---	0.0227
95		---	---	ND		---	0.0636
96		---	---	ND		---	0.0227

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10698286003
Filename	Y240807B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND		---	0.136
98	93/98/100/102	---	---	ND		---	0.0909
99		32.122	1.51	0.0331	U	---	0.0227
100	93/98/100/102	---	---	ND		---	0.0909
101	90/101/113	31.518	1.57	(0.0763)	U	---	0.0682
102	93/98/100/102	---	---	ND		---	0.0909
103		---	---	ND		---	0.0227
104		---	---	ND		---	0.0227
105		37.827	1.61	0.0277		---	0.0227
106		---	---	ND		---	0.0227
107	107/124	---	---	ND		---	0.0455
108	86/87/97/108/119/125	---	---	ND		---	0.136
109		---	---	ND		---	0.0227
110	110/115	33.547	1.53	0.0792	U	---	0.0455
111		---	---	ND		---	0.0227
112		---	---	ND		---	0.0227
113	90/101/113	31.518	1.57	(0.0763)	U	---	0.0682
114		---	---	ND		---	0.0227
115	110/115	33.547	1.53	(0.0792)	U	---	0.0455
116	85/116/117	---	---	ND		---	0.0682
117	85/116/117	---	---	ND		---	0.0682
118		36.637	1.60	0.0635		---	0.0355
119	86/87/97/108/119/125	---	---	ND		---	0.136
120		---	---	ND		---	0.0227
121		---	---	ND		---	0.0227
122		---	---	ND		---	0.0227
123		---	---	ND		---	0.0227
124	107/124	---	---	ND		---	0.0455
125	86/87/97/108/119/125	---	---	ND		---	0.136
126		---	---	ND		---	0.0227
127		---	---	ND		---	0.0227
128	128/166	---	---	ND		---	0.0455
129	129/138/163	39.806	1.29	0.139		---	0.0682
130		---	---	ND		---	0.0227
131		---	---	ND		---	0.0227
132		36.721	1.35	0.0332		---	0.0227
133		---	---	ND		---	0.0227
134	134/143	---	---	ND		---	0.0455
135	135/151	34.486	1.26	0.0462		---	0.0455
136		---	---	ND		---	0.0227
137		---	---	ND		---	0.0227
138	129/138/163	39.806	1.29	(0.139)		---	0.0682
139	139/140	---	---	ND		---	0.0455
140	139/140	---	---	ND		---	0.0455
141		38.732	1.15	0.0235		---	0.0227
142		---	---	ND		---	0.0227
143	134/143	---	---	ND		---	0.0455
144		---	---	ND		---	0.0227

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10698286003
Filename	Y240807B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
145		---	---	ND		---	0.0227
146		---	---	ND		---	0.0227
147	147/149	35.447	1.21	0.0955	U	---	0.0455
148		---	---	ND		---	0.0227
149	147/149	35.447	1.21	(0.0955)	U	---	0.0455
150		---	---	ND		---	0.0227
151	135/151	34.486	1.26	(0.0462)		---	0.0455
152		---	---	ND		---	0.0227
153	153/168	38.548	1.23	0.126		---	0.0455
154		---	---	ND		---	0.0227
155		---	---	ND		---	0.0227
156	156/157	---	---	ND		---	0.0455
157	156/157	---	---	ND		---	0.0455
158		---	---	ND		---	0.0227
159		---	---	ND		---	0.0227
160		---	---	ND		---	0.0227
161		---	---	ND		---	0.0227
162		---	---	ND		---	0.0227
163	129/138/163	39.806	1.29	(0.139)		---	0.0682
164		---	---	ND		---	0.0227
165		---	---	ND		---	0.0227
166	128/166	---	---	ND		---	0.0455
167		---	---	ND		---	0.0227
168	153/168	38.548	1.23	(0.126)		---	0.0455
169		---	---	ND		---	0.0227
170		46.668	1.02	0.0371		---	0.0227
171	171/173	---	---	ND		---	0.0455
172		---	---	ND		---	0.0227
173	171/173	---	---	ND		---	0.0455
174		42.024	1.11	0.0360		---	0.0227
175		---	---	ND		---	0.0227
176		---	---	ND		---	0.0227
177		42.477	1.08	0.0236		---	0.0227
178		---	---	ND		---	0.0227
179		---	---	ND		---	0.0227
180	180/193	45.411	1.08	0.0867		---	0.0455
181		---	---	ND		---	0.0227
182		---	---	ND		---	0.0227
183	183/185	---	---	ND		---	0.0455
184		---	---	ND		---	0.0227
185	183/185	---	---	ND		---	0.0455
186		---	---	ND		---	0.0227
187		41.180	1.09	0.0457		---	0.0227
188		---	---	ND		---	0.0227
189		---	---	ND		---	0.0227
190		---	---	ND		---	0.0227
191		---	---	ND		---	0.0227
192		---	---	ND		---	0.0227

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10698286003
Filename	Y240807B_11

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.411	1.08	(0.0867)	---	0.0455
194		---	---	ND	---	0.0227
195		---	---	ND	---	0.0227
196		---	---	ND	---	0.0227
197	197/200	---	---	ND	---	0.0455
198	198/199	---	---	ND	---	0.0455
199	198/199	---	---	ND	---	0.0455
200	197/200	---	---	ND	---	0.0455
201		---	---	ND	---	0.0227
202		---	---	ND	---	0.0227
203		---	---	ND	---	0.0227
204		---	---	ND	---	0.0227
205		---	---	ND	---	0.0227
206		---	---	ND	---	0.0227
207		---	---	ND	---	0.0227
208		---	---	ND	---	0.0227
209		---	---	ND	---	0.0227

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Shepaug Dam
Lab Sample ID	10698286003
Filename	Y240807B_11

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	0.0695
Total Trichloro Biphenyls	0.0228
Total Tetrachloro Biphenyls	ND
Total Pentachloro Biphenyls	0.280
Total Hexachloro Biphenyls	0.464
Total Heptachloro Biphenyls	0.229
Total Octachloro Biphenyls	ND
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	1.07

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client - GE_Arcadis-NY

Client's Sample ID	Rt. 202 Bridge		
Lab Sample ID	10698286004		
Filename	Y240807B_12		
Injected By	CVS		
Total Amount Extracted	1900 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	06/24/2024 17:45
ICAL ID	Y240807B02	Received	06/28/2024 09:40
CCal Filename(s)	Y240807B_01	Extracted	08/01/2024 14:00
Method Blank ID	BLANK-114077	Analyzed	08/08/2024 07:07

PCB Isomer	IUPAC	RT	Ratio	ng's Added	ng's Found	% Recovery
Labeled Analytes						
13C-2-MoCB	1	9.328	3.25	2.0	0.830	41
13C-4-MoCB	3	11.927	3.21	2.0	1.00	50
13C-2,2'-DiCB	4	12.215	1.56	2.0	0.804	40
13C-4,4'-DiCB	15	19.017	1.60	2.0	1.24	62
13C-2,2',6-TrCB	19	15.843	1.09	2.0	0.823	41
13C-3,4,4'-TrCB	37	26.618	1.06	2.0	1.68	84
13C-2,2',6,6'-TeCB	54	19.324	0.80	2.0	0.849	42
13C-3,4,4',5-TeCB	81	33.648	0.79	2.0	1.87	93
13C-3,3',4,4'-TeCB	77	34.235	0.81	2.0	1.98	99
13C-2,2',4,6,6'-PeCB	104	25.293	1.57	2.0	0.986	49
13C-2,3,3',4,4'-PeCB	105	37.811	1.57	2.0	1.84	92
13C-2,3,4,4',5-PeCB	114	37.157	1.61	2.0	1.88	94
13C-2,3',4,4',5-PeCB	118	36.620	1.59	2.0	1.87	94
13C-2,3',4,4',5'-PeCB	123	36.285	1.60	2.0	1.86	93
13C-3,3',4,4',5-PeCB	126	40.946	1.59	2.0	2.09	104
13C-2,2',4,4',6,6'-HxCB	155	31.284	1.28	2.0	1.36	68
13C-HxCB(156/157)	156/157	44.002	1.29	4.0	3.85	96
13C-2,3',4,4',5,5'-HxCB	167	42.846	1.32	2.0	1.94	97
13C-3,3',4,4',5,5'-HxCB	169	47.272	1.26	2.0	1.90	95
13C-2,2',3,4',5,6,6'-HpCB	188	37.140	1.05	2.0	1.60	80
13C-2,3,3',4,4',5,5'-HpCB	189	49.813	1.04	2.0	1.78	89
13C-2,2',3,3',5,5',6,6'-OcCB	202	42.577	0.90	2.0	1.56	78
13C-2,3,3',4,4',5,5',6-OcCB	205	52.377	0.92	2.0	1.64	82
13C-2,2',3,3',4,4',5,5',6-NoCB	206	54.102	0.80	2.0	1.62	81
13C-2,2',3,3',4,5,5',6,6'-NoCB	208	49.317	0.79	2.0	1.33	67
13C-DeCB	209	55.718	0.71	2.0	1.62	81
CleanupStandards						
13C-2,4,4'-TrCB	28	22.342	1.06	2.0	1.57	78
13C-2,3,3',5,5'-PeCB	111	34.268	1.58	2.0	1.49	75
13C-2,2',3,3',5,5',6-HpCB	178	40.225	1.07	2.0	1.69	84
Recovery Standards						
13C-2,5-DiCB	9	14.549	1.60	2.0	NA	NA
13C-2,2',5,5'-TeCB	52	24.287	0.79	2.0	NA	NA
13C-2,2',4,5,5'-PeCB	101	31.502	1.61	2.0	NA	NA
13C-2,2',3,4,4',5'-HxCB	138	39.772	1.27	2.0	NA	NA
13C-2,2',3,3',4,4',5,5'-OcCB	194	51.903	0.91	2.0	NA	NA

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt. 202 Bridge
Lab Sample ID	10698286004
Filename	Y240807B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
1		---	---	ND	---	0.0210
2		---	---	ND	---	0.0210
3		---	---	ND	---	0.0210
4		---	---	ND	---	0.0210
5		---	---	ND	---	0.0210
6		---	---	ND	---	0.0210
7		---	---	ND	---	0.0210
8		---	---	ND	---	0.0210
9		---	---	ND	---	0.0210
10		---	---	ND	---	0.0210
11		---	---	ND	---	0.206
12	12/13	---	---	ND	---	0.0420
13	12/13	---	---	ND	---	0.0420
14		---	---	ND	---	0.0210
15		---	---	ND	---	0.0277
16		---	---	ND	---	0.0210
17		---	---	ND	---	0.0210
18	18/30	---	---	ND	---	0.0420
19		---	---	ND	---	0.0210
20	20/28	---	---	ND	---	0.108
21	21/33	---	---	ND	---	0.113
22		---	---	ND	---	0.0798
23		---	---	ND	---	0.0210
24		---	---	ND	---	0.0210
25		---	---	ND	---	0.0210
26	26/29	---	---	ND	---	0.0420
27		---	---	ND	---	0.0210
28	20/28	---	---	ND	---	0.108
29	26/29	---	---	ND	---	0.0420
30	18/30	---	---	ND	---	0.0420
31		---	---	ND	---	0.109
32		---	---	ND	---	0.0210
33	21/33	---	---	ND	---	0.113
34		---	---	ND	---	0.0210
35		---	---	ND	---	0.0210
36		---	---	ND	---	0.0210
37		---	---	ND	---	0.0445
38		---	---	ND	---	0.0210
39		---	---	ND	---	0.0210
40	40/41/71	---	---	ND	---	0.0630
41	40/41/71	---	---	ND	---	0.0630
42		---	---	ND	---	0.0210
43	43/73	---	---	ND	---	0.0420
44	44/47/65	---	---	ND	---	0.0630
45	45/51	---	---	ND	---	0.0420
46		---	---	ND	---	0.0210
47	44/47/65	---	---	ND	---	0.0630
48		---	---	ND	---	0.0210

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt. 202 Bridge
Lab Sample ID	10698286004
Filename	Y240807B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
49	49/69	---	---	ND	---	0.0420
50	50/53	---	---	ND	---	0.0420
51	45/51	---	---	ND	---	0.0420
52		---	---	ND	---	0.108
53	50/53	---	---	ND	---	0.0420
54		---	---	ND	---	0.0210
55		---	---	ND	---	0.0210
56		---	---	ND	---	0.0210
57		---	---	ND	---	0.0210
58		---	---	ND	---	0.0210
59	59/62/75	---	---	ND	---	0.0630
60		---	---	ND	---	0.0210
61	61/70/74/76	---	---	ND	---	0.0840
62	59/62/75	---	---	ND	---	0.0630
63		---	---	ND	---	0.0210
64		---	---	ND	---	0.0210
65	44/47/65	---	---	ND	---	0.0630
66		---	---	ND	---	0.0496
67		---	---	ND	---	0.0210
68		---	---	ND	---	0.0210
69	49/69	---	---	ND	---	0.0420
70	61/70/74/76	---	---	ND	---	0.0840
71	40/41/71	---	---	ND	---	0.0630
72		---	---	ND	---	0.0210
73	43/73	---	---	ND	---	0.0420
74	61/70/74/76	---	---	ND	---	0.0840
75	59/62/75	---	---	ND	---	0.0630
76	61/70/74/76	---	---	ND	---	0.0840
77		---	---	ND	---	0.0210
78		---	---	ND	---	0.0210
79		---	---	ND	---	0.0210
80		---	---	ND	---	0.0210
81		---	---	ND	---	0.0210
82		---	---	ND	---	0.0210
83		---	---	ND	---	0.0210
84		---	---	ND	---	0.0210
85	85/116/117	---	---	ND	---	0.0630
86	86/87/97/108/119/125	---	---	ND	---	0.126
87	86/87/97/108/119/125	---	---	ND	---	0.126
88	88/91	---	---	ND	---	0.0420
89		---	---	ND	---	0.0210
90	90/101/113	---	---	ND	---	0.0630
91	88/91	---	---	ND	---	0.0420
92		---	---	ND	---	0.0210
93	93/98/100/102	---	---	ND	---	0.0840
94		---	---	ND	---	0.0210
95		---	---	ND	---	0.0588
96		---	---	ND	---	0.0210

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID Rt. 202 Bridge
Lab Sample ID 10698286004
Filename Y240807B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
97	86/87/97/108/119/125	---	---	ND		---	0.126
98	93/98/100/102	---	---	ND		---	0.0840
99		32.139	1.67	0.0258	U	---	0.0210
100	93/98/100/102	---	---	ND		---	0.0840
101	90/101/113	---	---	ND		---	0.0630
102	93/98/100/102	---	---	ND		---	0.0840
103		---	---	ND		---	0.0210
104		---	---	ND		---	0.0210
105		---	---	ND		---	0.0210
106		---	---	ND		---	0.0210
107	107/124	---	---	ND		---	0.0420
108	86/87/97/108/119/125	---	---	ND		---	0.126
109		---	---	ND		---	0.0210
110	110/115	33.547	1.58	0.0424	U	---	0.0420
111		---	---	ND		---	0.0210
112		---	---	ND		---	0.0210
113	90/101/113	---	---	ND		---	0.0630
114		---	---	ND		---	0.0210
115	110/115	33.547	1.58	(0.0424)	U	---	0.0420
116	85/116/117	---	---	ND		---	0.0630
117	85/116/117	---	---	ND		---	0.0630
118		---	---	ND		---	0.0328
119	86/87/97/108/119/125	---	---	ND		---	0.126
120		---	---	ND		---	0.0210
121		---	---	ND		---	0.0210
122		---	---	ND		---	0.0210
123		---	---	ND		---	0.0210
124	107/124	---	---	ND		---	0.0420
125	86/87/97/108/119/125	---	---	ND		---	0.126
126		---	---	ND		---	0.0210
127		---	---	ND		---	0.0210
128	128/166	---	---	ND		---	0.0420
129	129/138/163	39.806	1.20	0.105		---	0.0630
130		---	---	ND		---	0.0210
131		---	---	ND		---	0.0210
132		36.721	1.22	0.0217		---	0.0210
133		---	---	ND		---	0.0210
134	134/143	---	---	ND		---	0.0420
135	135/151	34.503	1.26	0.0483		---	0.0420
136		---	---	ND		---	0.0210
137		---	---	ND		---	0.0210
138	129/138/163	39.806	1.20	(0.105)		---	0.0630
139	139/140	---	---	ND		---	0.0420
140	139/140	---	---	ND		---	0.0420
141		---	---	ND		---	0.0210
142		---	---	ND		---	0.0210
143	134/143	---	---	ND		---	0.0420
144		---	---	ND		---	0.0210

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rt. 202 Bridge
Lab Sample ID	10698286004
Filename	Y240807B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L		EMPC ng/L	EML ng/L
145		---	---	ND		---	0.0210
146		37.928	1.26	0.0237		---	0.0210
147	147/149	35.447	1.22	0.0910	U	---	0.0420
148		---	---	ND		---	0.0210
149	147/149	35.447	1.22	(0.0910)	U	---	0.0420
150		---	---	ND		---	0.0210
151	135/151	34.503	1.26	(0.0483)		---	0.0420
152		---	---	ND		---	0.0210
153	153/168	38.548	1.26	0.107		---	0.0420
154		---	---	ND		---	0.0210
155		---	---	ND		---	0.0210
156	156/157	---	---	ND		---	0.0420
157	156/157	---	---	ND		---	0.0420
158		---	---	ND		---	0.0210
159		---	---	ND		---	0.0210
160		---	---	ND		---	0.0210
161		---	---	ND		---	0.0210
162		---	---	ND		---	0.0210
163	129/138/163	39.806	1.20	(0.105)		---	0.0630
164		---	---	ND		---	0.0210
165		---	---	ND		---	0.0210
166	128/166	---	---	ND		---	0.0420
167		---	---	ND		---	0.0210
168	153/168	38.548	1.26	(0.107)		---	0.0420
169		---	---	ND		---	0.0210
170		46.668	1.01	0.0232		---	0.0210
171	171/173	---	---	ND		---	0.0420
172		---	---	ND		---	0.0210
173	171/173	---	---	ND		---	0.0420
174		42.041	1.14	0.0299		---	0.0210
175		---	---	ND		---	0.0210
176		---	---	ND		---	0.0210
177		42.477	0.98	0.0264		---	0.0210
178		---	---	ND		---	0.0210
179		---	---	ND		---	0.0210
180	180/193	45.428	1.08	0.0596		---	0.0420
181		---	---	ND		---	0.0210
182		---	---	ND		---	0.0210
183	183/185	---	---	ND		---	0.0420
184		---	---	ND		---	0.0210
185	183/185	---	---	ND		---	0.0420
186		---	---	ND		---	0.0210
187		41.197	1.04	0.0509		---	0.0210
188		---	---	ND		---	0.0210
189		---	---	ND		---	0.0210
190		---	---	ND		---	0.0210
191		---	---	ND		---	0.0210
192		---	---	ND		---	0.0210

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl
Sample Analysis Results

Client Sample ID	Rt. 202 Bridge
Lab Sample ID	10698286004
Filename	Y240807B_12

IUPAC	Co-elutions	RT	Ratio	Concentration ng/L	EMPC ng/L	EML ng/L
193	180/193	45.428	1.08	(0.0596)	---	0.0420
194		---	---	ND	---	0.0210
195		---	---	ND	---	0.0210
196		---	---	ND	---	0.0210
197	197/200	---	---	ND	---	0.0420
198	198/199	---	---	ND	---	0.0420
199	198/199	---	---	ND	---	0.0420
200	197/200	---	---	ND	---	0.0420
201		---	---	ND	---	0.0210
202		---	---	ND	---	0.0210
203		---	---	ND	---	0.0210
204		---	---	ND	---	0.0210
205		---	---	ND	---	0.0210
206		---	---	ND	---	0.0210
207		---	---	ND	---	0.0210
208		---	---	ND	---	0.0210
209		---	---	ND	---	0.0210

Conc = Concentration
EML =Method Specified Reporting Limit (1668C)
EMPC = Estimated Maximum Possible Concentration
A = Limit of Detection based on signal to noise
B = Less than 10 times higher than method blank level
R = Recovery outside of Method 1668C control limits
Nn = Value obtained from additional analyses

ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion
X = Outside QC Limits
RT = Retention Time
I = Interference
ng's = Nanograms

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

Pace Analytical Services, LLC.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 1668C Polychlorobiphenyl Sample Analysis Results

Client Sample ID	Rt. 202 Bridge
Lab Sample ID	10698286004
Filename	Y240807B_12

Congener Group	Concentration ng/L
Total Monochloro Biphenyls	ND
Total Dichloro Biphenyls	ND
Total Trichloro Biphenyls	ND
Total Tetrachloro Biphenyls	ND
Total Pentachloro Biphenyls	0.0681
Total Hexachloro Biphenyls	0.396
Total Heptachloro Biphenyls	0.190
Total Octachloro Biphenyls	ND
Total Nonachloro Biphenyls	ND
DecachloroBiphenyls	ND
Total PCBs	0.654

ND = Not Detected

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company: Arcadis	Billing Information: accounts payable. administration @arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30224932.3000 Housatonic River BMP	State: MA County/City: Pittsfield Time Zone Collected: [ ]PT [ ]MT [ ]CT [Y]ET
Phone: 315-671-9374 Email:	Site/Facility ID #:
Collected By (print): Pevely Rabasco	Purchase Order #: Quote #:
Collected By (signature): P. Rabasco	Turnaround Date Required: Standard
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [Y] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

Container Preservative Type **: U

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses: X (TSS low level SM2540D)

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analysis
Derby Dam	WT		06/24/24	13:00				1	X
Stevenson Dam	WT		06/24/24	14:10				1	X
Shepaug Dam	WT		06/24/24	15:30				1	X
Rt. 202 Bridge	WT		06/24/24	17:45				1	X
Rt. 341 Bridge	WT		06/25/24	14:00				1	X
Canaan Town Line Bridge	WT		06/25/24	11:45				1	X
Falls Village Dam	WT		06/25/24	12:30				1	X
Rannapo Rd Bridge	WT		06/25/24	18:00				1	X
Rising Pond Dam	WT		06/26/24	12:45				1	X
HR1D1	WT		06/26/24	—				1	X

Customer Remarks / Special Conditions / Possible Hazards:
Please use entire sample for analysis.
Short Hold Time
Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2913772

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: _____oC
Cooler 1 Therm Corr. Factor: _____oC
Cooler 1 Corrected Temp: _____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Pevely T. Rabasco / Arcadis	06/27/24 17:30		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #: [redacted]
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 2

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company: Arcadis	Billing Information: accountspayable.administration@arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30224932.3000 Housatonic River BMP	State: MA County/City: Pittsfield Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: 315-671-9374 Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): P. Rabasco	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Penelope T. Rabasco	Turnaround Date Required: Standard Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Container Preservative Type **: 4

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses: TSS Low Level SM2540D *

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	TSS Low Level SM2540D *
Old Pleasant Street Bridge	WT		06/26/24	14:10				1	X
Woods Pond Dam	WT		06/26/24	15:45				1	X
New Lenox Rd Bridge	WT		06/26/24	17:00				1	X
Near Pittsfield WWTP	WT		06/27/24	15:00				1	X
~~Pomeroy Avenue Bridge~~	~~WT~~		~~06/27/24~~			(PITC)		~~1~~	~~X~~

Customer Remarks / Special Conditions / Possible Hazards:
*Please use entire sample for analysis.
Short Hold Time
Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2913775

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Rabasco / Arcadis	06/27/24 17:30		
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 2 of: 2

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10698296

Sample: Derby Dam **Lab ID: 10698296001** Collected: 06/24/24 13:00 Received: 06/28/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**4.7**	mg/L	2.5	1		07/01/24 14:08		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10698296

Sample: Stevenson Dam **Lab ID: 10698296002** Collected: 06/24/24 14:10 Received: 06/28/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**3.0**	mg/L	2.5	1		07/01/24 14:08		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10698296

Sample: Shepaug Dam **Lab ID: 10698296003** Collected: 06/24/24 15:30 Received: 06/28/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		07/01/24 14:08		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10698296

Sample: Rt. 202 Bridge **Lab ID: 10698296004** Collected: 06/24/24 17:45 Received: 06/28/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**6.3**	mg/L	2.5	1		07/01/24 14:09		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10698296

Sample: Rt. 341 Bridge **Lab ID: 10698296005** Collected: 06/25/24 14:00 Received: 06/28/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**4.2**	mg/L	2.5	1		07/02/24 10:02		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10698296

Sample: Canaan Town Line Bridge **Lab ID: 10698296006** Collected: 06/25/24 16:45 Received: 06/28/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.5**	mg/L	2.5	1		07/02/24 10:02		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10698296

Sample: Falls Village Dam **Lab ID: 10698296007** Collected: 06/25/24 12:30 Received: 06/28/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**3.4**	mg/L	2.5	1		07/02/24 10:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10698296

Sample: Rannapo Rd. Bridge **Lab ID: 10698296008** Collected: 06/25/24 18:00 Received: 06/28/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**5.8**	mg/L	2.5	1		07/02/24 10:03		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10698296

Sample: Rising Pond Dam **Lab ID: 10698296009** Collected: 06/26/24 12:45 Received: 06/28/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**4.1**	mg/L	2.5	1		07/03/24 09:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10698296

Sample: HR-D1 **Lab ID: 10698296010** Collected: 06/26/24 00:00 Received: 06/28/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**3.4**	mg/L	2.5	1		07/03/24 09:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10698296

Sample: Old Pleasant Street Bridge **Lab ID: 10698296011** Collected: 06/26/24 14:10 Received: 06/28/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**3.2**	mg/L	2.5	1		07/03/24 09:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10698296

Sample: Woods Pond Dam **Lab ID: 10698296012** Collected: 06/26/24 15:45 Received: 06/28/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**5.6**	mg/L	2.5	1		07/03/24 09:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10698296

Sample: New Lenox Rd. Bridge **Lab ID: 10698296013** Collected: 06/26/24 17:00 Received: 06/28/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.7**	mg/L	2.5	1		07/03/24 09:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10698296

Sample: Near Pittsfield WWTP **Lab ID: 10698296014** Collected: 06/27/24 15:00 Received: 06/28/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.9**	mg/L	2.5	1		07/03/24 15:41		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or

WO# : 70303570

70303570

BDR

10698535

Company: Arcadis	Billing Information: accountspayable.administration@arcadis.com
Address: 110 W. Fayette St. Suite300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@arcadis.com
Copy To	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30224932.3000 Housatonic River BMP	State: MA County/City: Pittsfield Time Zone Collected: [ ] PT [ ] MT [ ] CT [ET]
Phone: 315-671-9374 Email:	Site/Facility ID #:
Collected By (print): P. Rabasco	Purchase Order #: Quote #:
Collected By (signature): Penelope Rabasco	Turnaround Date Required: Standard
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [ ] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: TSS Low Level SM2540D *
Pomeroy Avenue Bridge	WT		06/27/24	18:30				1	X

Container: U

** Preservative Types: (1) ... ic acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:
* Please use entire sample for analysis.
Short Hold Time
Refer to contract

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2943681

Samples received via: (FEDEX) UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: TH211C
Cooler 1 Temp Upon Receipt: 2.1 oC
Cooler 1 Therm Corr. Factor: -0.1 oC
Cooler 1 Corrected Temp: oC
Comments: 2.0°C

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope Rabasco / Arcadis	07/01/24 17:30	7048 1458 6826	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
		FACE LI BDR	7/2/24 9:30
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N (NA)
HCL MeOH TSP Other

Non Conformance(s): YES / (NO)

Page: 1 of: 1

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: HOUSATONIC RIVER BMP 6/27
Pace Project No.: 70303570

Sample: POMEROY AVE BRIDGE **Lab ID: 70303570001** Collected: 06/27/24 18:30 Received: 07/02/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville								
Total Suspended Solids	**2.7**	mg/L	2.5	0.24	1		07/03/24 15:41		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix W

WO#: 10698693

10698693

ALL SHA

Report No.....10698693_I668C_L4_dir

Company: Arcadis	Billing Information: accountspayable.administration@arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30224932.3000 Housatonic River BMP	State: MA / County/City: Pittsfield / Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET
Phone: 315 671-9374 Email:	Site/Facility ID #:
Collected By (print): P. Rabasco	Purchase Order #: Quote #:
Collected By (signature): Penelope T. Rabasco	Turnaround Date Required: Standard
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative: U

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses: PCB 1668

Lab Profile/Line: 45643

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	PCB 1668	Lab Sample # / Comments:
Rt. 341 Bridge	WT		06/25/24	14:00				4	X	001
Canaan Town Line Bridge	WT		06/25/24	16:45				4	X	002
Falls Village Dam	WT		06/25/24	12:30				4	X	003
Rannapo Rd Bridge	WT		06/25/24	18:00				4	X	004
Rising Pond Dam	WT		06/26/24	12:45				4	X	005
HR-D1	WT		06/26/24	—				4	X	006
Old Pleasant Street Bridge	WT		06/26/24	14:10				4	X	007
Woods Pond Dam	WT		06/26/24	15:45				4	X	008
Woods Pond Dam (Lab Dup)	WT		06/26/24	15:45				4	X	009
New Lenox Rd Bridge	WT		06/26/24	17:00				4	X	010

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2943350 MH2 7/2/24

Samples received via: FEDEX UPS Client Courier Pace Courier 950

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: 19

Cooler 1 Temp Upon Receipt: _____ oC

Cooler 1 Therm Corr. Factor: -0.2 oC

Cooler 1 Corrected Temp: _____ oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Rabasco Arcadis	07/01/24 17:30		7/2/24 800
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time: 7/2/24
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM: MH2 7/2/24

PB:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 2

Page 7 of 831

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Report No.: 10693693_10693693_L4.pdf

Company: Arcadis	Billing Information: accountspayable.administration@arcadis.com
Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	
Report To: Dave Knutsen	Email To: David.Knutsen@Arcadis.com
Copy To:	Site Collection Info/Address: Housatonic River
Customer Project Name/Number: 30224932.3000 Housatonic River BMP	State: MA County/City: Pittsfield Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET
Phone: 315-671-9374 Email:	Site/Facility ID #:
Collected By (print): P. Rabasco	Purchase Order #: Quote #:
Collected By (signature): Penelope Rabasco	Turnaround Date Required: Standard
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #: DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	PCB 1668	Lab Sample # / Comments
Near Pittsfield WWTP	WT		06/27/24	15:00				4	X	011
Pomeray Avenue Bridge	WT		06/27/24	18:30				4	X	012
HR-EB1	WT		06/25/24	08:30				4	X	013

Container Preservative Type **: 4

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Lab Project Manager:

Analyses

Lab Profile/Line: 45643

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards: Refer to Contract

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2943682

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: 0.1 oC
Cooler 1 Therm Corr. Factor: +0.2 oC
Cooler 1 Corrected Temp: oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope Rabasco Arcadis	07/01/24 17:30	[signature] UPS	7/2/24 930
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 2 of: 2

Page 6 of 6

3031 7123 6353 25

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10698693001
Lab File ID: P240821A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 14:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 13:54
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114210

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.26	3.04	2.0	0.90	45
1	PCB-003L	13.06	3.12	2.0	1.1	53
2	PCB-004L	13.38	1.52	2.0	0.98	49
2	PCB-015L	20.48	1.59	2.0	1.3	67
3	PCB-019L	17.21	1.06	2.0	1.1	53
3	PCB-037L	28.28	1.09	2.0	1.6	81
4	PCB-054L	20.84	0.79	2.0	1.1	55
4	PCB-077L	36.01	0.81	2.0	1.6	81
4	PCB-081L	35.44	0.79	2.0	1.7	84
5	PCB-104L	26.97	1.53	2.0	1.4	72
5	PCB-105L	39.64	1.57	2.0	1.6	82
5	PCB-114L	38.99	1.63	2.0	1.6	82
5	PCB-118L	38.44	1.62	2.0	1.7	83
5	PCB-123L	38.10	1.59	2.0	1.7	85
5	PCB-126L	42.81	1.57	2.0	1.6	79
6	PCB-155L	33.05	1.24	2.0	1.8	89
6	PCB-156/157L	45.90	1.28	4.0	3.2	81
6	PCB-167L	44.73	1.30	2.0	1.7	84
6	PCB-169L	49.19	1.28	2.0	1.5	77
7	PCB-188L	38.99	1.05	2.0	2.1	107
7	PCB-189L	51.77	1.09	2.0	1.8	91
8	PCB-202L	44.48	0.91	2.0	1.9	95
8	PCB-205L	54.38	0.91	2.0	1.6	79
9	PCB-206L	56.12	0.78	2.0	1.4	72
9	PCB-208L	51.30	0.78	2.0	1.6	82
10	PCB-209L	57.76	0.72	2.0	1.4	69
Recovery Standards						
2	PCB-009L	15.85	1.59	2.0	2.8	N/A
4	PCB-052L	25.91	0.78	2.0	2.9	N/A
5	PCB-101L	33.25	1.60	2.0	2.7	N/A
6	PCB-138L	41.64	1.28	2.0	2.5	N/A
8	PCB-194L	53.88	0.91	2.0	1.9	N/A
Cleanup Standards						
3	PCB-028L	23.92	1.08	2.0	1.6	78
5	PCB-111L	36.05	1.56	2.0	1.5	75
7	PCB-178L	42.09	1.06	2.0	1.6	81

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10698693001
Lab File ID: P240821A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 14:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 13:54
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.02	0.0040	
1	PCB-002			ND		0.02	0.0041	
1	PCB-003			ND		0.02	0.0076	
2	PCB-004	13.39	1.60	0.023	U	0.02	0.0051	
2	PCB-005			ND		0.02	0.0055	
2	PCB-006			ND		0.02	0.0028	
2	PCB-007			ND		0.02	0.0026	
2	PCB-008			ND		0.02	0.0054	
2	PCB-009			ND		0.02	0.0011	
2	PCB-010			ND		0.02	0.0012	
2	PCB-011			ND		0.22	0.059	
2	PCB-012/013			ND		0.04	0.0030	
2	PCB-014			ND		0.02	0.0010	
2	PCB-015			ND		0.03	0.0058	
3	PCB-016			ND		0.02	0.0033	
3	PCB-017			ND		0.02	0.0037	
3	PCB-018/030			ND		0.04	0.0060	
3	PCB-019			ND		0.02	0.0031	
3	PCB-020/028			ND		0.12	0.0068	
3	PCB-021/033			ND		0.12	0.0056	
3	PCB-022			ND		0.08	0.0037	
3	PCB-023			ND		0.02	0.0011	
3	PCB-024			ND		0.02	0.0013	
3	PCB-025			ND		0.02	0.0015	
3	PCB-026/029			ND		0.04	0.0024	
3	PCB-027			ND		0.02	0.0010	
3	PCB-031			ND		0.12	0.0082	
3	PCB-032			ND		0.02	0.0027	
3	PCB-034			ND		0.02	0.0011	
3	PCB-035			ND		0.02	0.0011	
3	PCB-036			ND		0.02	0.0011	
3	PCB-037			ND		0.04	0.0027	
3	PCB-038			ND		0.02	0.0011	
3	PCB-039			ND		0.02	0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10698693001
Lab File ID: P240821A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 14:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 13:54
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.06	0.0046	
4	PCB-042			ND		0.02	0.0025	
4	PCB-043/073			ND		0.04	0.0022	
4	PCB-044/047/065	27.08	0.79	0.12		0.06	0.0066	
4	PCB-045/051			ND		0.04	0.0034	
4	PCB-046			ND		0.02	0.0015	
4	PCB-048			ND		0.02	0.0018	
4	PCB-069/049	26.49	0.78	0.067		0.04	0.0038	
4	PCB-050/053			ND		0.04	0.0019	
4	PCB-052			ND		0.12	0.014	
4	PCB-054			ND		0.02	0.0010	
4	PCB-055			ND		0.02	0.0015	
4	PCB-056			ND		0.02	0.0035	
4	PCB-057			ND		0.02	0.0010	
4	PCB-058			ND		0.02	0.0013	
4	PCB-059/062/075			ND		0.06	0.0023	
4	PCB-060			ND		0.02	0.0019	
4	PCB-061/070/074/076			ND		0.09	0.0082	
4	PCB-063			ND		0.02	0.00089	
4	PCB-064			ND		0.02	0.0022	
4	PCB-066			ND		0.05	0.0043	
4	PCB-067			ND		0.02	0.0012	
4	PCB-068			ND		0.02	0.0011	
4	PCB-072			ND		0.02	0.00080	
4	PCB-077			ND		0.02	0.0014	
4	PCB-078			ND		0.02	0.0012	
4	PCB-079			ND		0.02	0.00080	
4	PCB-080			ND		0.02	0.0011	
4	PCB-081			ND		0.02	0.00076	
5	PCB-082			ND		0.02	0.0014	
5	PCB-083			ND		0.02	0.0012	
5	PCB-084	31.32	1.58	0.029		0.02	0.0024	
5	PCB-085/116/117			ND		0.06	0.0031	
5	PCB-086/087/097/108/119/12			ND		0.14	0.0060	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10698693001
Lab File ID: P240821A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 14:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 13:54
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.04	0.0018	
5	PCB-089			ND		0.02	0.0013	
5	PCB-090/101/113	33.29	1.59	0.18	U	0.06	0.0046	
5	PCB-092	32.67	1.51	0.045		0.02	0.00098	
5	PCB-093/098/100/102			ND		0.09	0.0042	
5	PCB-094			ND		0.02	0.00084	
5	PCB-095	30.16	1.60	0.11	U	0.06	0.0063	
5	PCB-096			ND		0.02	0.00085	
5	PCB-099	33.90	1.63	0.085	U	0.02	0.0019	
5	PCB-103			ND		0.02	0.00070	
5	PCB-104			ND		0.02	0.0013	
5	PCB-105	39.68	1.60	0.049		0.02	0.0029	
5	PCB-106			ND		0.02	0.0011	
5	PCB-107/124			ND		0.04	0.0020	
5	PCB-109			ND		0.02	0.0014	
5	PCB-110/115	35.34	1.58	0.19	U	0.04	0.0052	
5	PCB-111			ND		0.02	0.00089	
5	PCB-112			ND		0.02	0.0014	
5	PCB-114			ND		0.02	0.0012	
5	PCB-118	38.47	1.59	0.13		0.03	0.0052	
5	PCB-120			ND		0.02	0.00087	
5	PCB-121			ND		0.02	0.0012	
5	PCB-122			ND		0.02	0.0012	
5	PCB-123			ND		0.02	0.0013	
5	PCB-126			ND		0.02	0.00072	
5	PCB-127			ND		0.02	0.0011	
6	PCB-128/166			ND		0.04	0.0024	
6	PCB-129/138/163	41.67	1.25	0.33		0.06	0.0051	
6	PCB-130			ND		0.02	0.0012	
6	PCB-131			ND		0.02	0.0015	
6	PCB-132	38.57	1.24	0.083		0.02	0.0017	
6	PCB-133			ND		0.02	0.0011	
6	PCB-134/143			ND		0.04	0.0028	
6	PCB-135/151	36.30	1.21	0.13		0.04	0.0030	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10698693001
Lab File ID: P240821A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 14:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 13:54
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.80	1.24	0.033		0.02	0.0015	
6	PCB-137			ND		0.02	0.0017	
6	PCB-139/140			ND		0.04	0.0021	
6	PCB-141	40.58	1.22	0.058		0.02	0.0020	
6	PCB-142			ND		0.02	0.0014	
6	PCB-144			ND		0.02	0.00091	
6	PCB-145			ND		0.02	0.0010	
6	PCB-146	39.76	1.23	0.062		0.02	0.0013	
6	PCB-147/149	37.28	1.27	0.26	U	0.04	0.0039	
6	PCB-148			ND		0.02	0.0011	
6	PCB-150			ND		0.02	0.0011	
6	PCB-152			ND		0.02	0.00086	
6	PCB-153/168	40.40	1.26	0.32		0.04	0.0030	
6	PCB-154			ND		0.02	0.0013	
6	PCB-155			ND		0.02	0.0012	
6	PCB-156/157			ND		0.04	0.0017	
6	PCB-158	42.08	1.26	0.025		0.02	0.0012	
6	PCB-159			ND		0.02	0.0011	
6	PCB-160			ND		0.02	0.0013	
6	PCB-161			ND		0.02	0.00063	
6	PCB-162			ND		0.02	0.0011	
6	PCB-164	41.35	1.29	0.025		0.02	0.0014	
6	PCB-165			ND		0.02	0.00073	
6	PCB-167			ND		0.02	0.0016	
6	PCB-169			ND		0.02	0.0010	
7	PCB-170	48.62	1.01	0.093		0.02	0.0014	
7	PCB-171/173			ND		0.04	0.0019	
7	PCB-172			ND		0.02	0.0045	
7	PCB-174	43.92	1.03	0.11		0.02	0.0016	
7	PCB-175			ND		0.02	0.0011	
7	PCB-176			ND		0.02	0.00090	
7	PCB-177	44.38	1.05	0.069		0.02	0.0019	
7	PCB-178	42.13	1.04	0.031		0.02	0.0012	
7	PCB-179	39.34	1.02	0.046		0.02	0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10698693001
Lab File ID: P240821A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 14:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 13:54
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.33	1.07	0.20		0.04	0.0041	
7	PCB-181			ND		0.02	0.0015	
7	PCB-182			ND		0.02	0.0012	
7	PCB-183/185	43.71	1.02	0.070		0.04	0.0027	
7	PCB-184			ND		0.02	0.00064	
7	PCB-186			ND		0.02	0.0015	
7	PCB-187	43.06	1.04	0.14		0.02	0.0017	
7	PCB-188			ND		0.02	0.00072	
7	PCB-189			ND		0.02	0.0011	
7	PCB-190			ND		0.02	0.0016	
7	PCB-191			ND		0.02	0.0014	
7	PCB-192			ND		0.02	0.0015	
8	PCB-194	53.93	0.90	0.053		0.02	0.0012	
8	PCB-195			ND		0.02	0.0015	
8	PCB-196	49.99	0.88	0.027		0.02	0.0011	
8	PCB-197/200			ND		0.04	0.0019	
8	PCB-198/199	49.32	0.92	0.060		0.04	0.0020	
8	PCB-201			ND		0.02	0.00058	
8	PCB-202			ND		0.02	0.0012	
8	PCB-203	50.20	0.93	0.036		0.02	0.0010	
8	PCB-204			ND		0.02	0.0012	
8	PCB-205			ND		0.02	0.0014	
9	PCB-206			ND		0.02	0.0020	
9	PCB-207			ND		0.02	0.0013	
9	PCB-208			ND		0.02	0.0012	
10	PCB-209			ND		0.02	0.0071	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10698693001
Lab File ID: P240821A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 14:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 13:54
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.023	
Total TrCB	ND	
Total TeCB	0.18	
Total PeCB	0.82	
Total HxCB	1.3	
Total HpCB	0.76	
Total OcCB	0.18	
Total NoCB	ND	
DeCB	ND	
Total PCBs	3.3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10698693002
Lab File ID: P240821A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 16:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 14:56
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114210

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.29	3.10	2.0	0.98	49
1	PCB-003L	13.10	3.08	2.0	1.2	59
2	PCB-004L	13.40	1.53	2.0	1.1	54
2	PCB-015L	20.50	1.59	2.0	1.5	75
3	PCB-019L	17.24	1.04	2.0	1.2	60
3	PCB-037L	28.31	1.07	2.0	1.7	83
4	PCB-054L	20.86	0.79	2.0	1.3	63
4	PCB-077L	36.03	0.80	2.0	1.6	81
4	PCB-081L	35.46	0.79	2.0	1.7	84
5	PCB-104L	26.99	1.56	2.0	1.6	81
5	PCB-105L	39.67	1.58	2.0	1.6	80
5	PCB-114L	39.01	1.60	2.0	1.7	83
5	PCB-118L	38.46	1.65	2.0	1.6	82
5	PCB-123L	38.13	1.60	2.0	1.7	84
5	PCB-126L	42.84	1.59	2.0	1.6	78
6	PCB-155L	33.08	1.26	2.0	1.9	94
6	PCB-156/157L	45.93	1.29	4.0	3.2	80
6	PCB-167L	44.75	1.28	2.0	1.6	81
6	PCB-169L	49.21	1.30	2.0	1.5	76
7	PCB-188L	39.01	1.04	2.0	2.4	118
7	PCB-189L	51.80	1.10	2.0	1.9	94
8	PCB-202L	44.50	0.89	2.0	2.0	100
8	PCB-205L	54.41	0.90	2.0	1.6	79
9	PCB-206L	56.15	0.79	2.0	1.4	71
9	PCB-208L	51.30	0.80	2.0	1.7	84
10	PCB-209L	57.79	0.70	2.0	1.3	66
Recovery Standards						
2	PCB-009L	15.87	1.59	2.0	2.8	N/A
4	PCB-052L	25.94	0.78	2.0	3.0	N/A
5	PCB-101L	33.28	1.58	2.0	2.8	N/A
6	PCB-138L	41.66	1.29	2.0	2.5	N/A
8	PCB-194L	53.91	0.92	2.0	1.8	N/A
Cleanup Standards						
3	PCB-028L	23.94	1.08	2.0	1.6	79
5	PCB-111L	36.08	1.59	2.0	1.5	74
7	PCB-178L	42.12	1.05	2.0	1.6	81

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10698693002
Lab File ID: P240821A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 16:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 14:56
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.02	0.0043	
1	PCB-002			ND		0.02	0.0043	
1	PCB-003			ND		0.02	0.0081	
2	PCB-004	13.42	1.43	0.065	U	0.02	0.0054	
2	PCB-005			ND		0.02	0.0058	
2	PCB-006			ND		0.02	0.0029	
2	PCB-007			ND		0.02	0.0028	
2	PCB-008			ND		0.02	0.0057	
2	PCB-009			ND		0.02	0.0011	
2	PCB-010			ND		0.02	0.0013	
2	PCB-011			ND		0.24	0.063	
2	PCB-012/013			ND		0.04	0.0031	
2	PCB-014			ND		0.02	0.0011	
2	PCB-015			ND		0.03	0.0062	
3	PCB-016			ND		0.02	0.0035	
3	PCB-017			ND		0.02	0.0039	
3	PCB-018/030			ND		0.04	0.0064	
3	PCB-019	17.26	1.03	0.048		0.02	0.0033	
3	PCB-020/028			ND		0.12	0.0072	
3	PCB-021/033			ND		0.13	0.0060	
3	PCB-022			ND		0.09	0.0039	
3	PCB-023			ND		0.02	0.0012	
3	PCB-024			ND		0.02	0.0013	
3	PCB-025			ND		0.02	0.0015	
3	PCB-026/029			ND		0.04	0.0025	
3	PCB-027			ND		0.02	0.0011	
3	PCB-031			ND		0.12	0.0087	
3	PCB-032			ND		0.02	0.0029	
3	PCB-034			ND		0.02	0.0012	
3	PCB-035			ND		0.02	0.0012	
3	PCB-036			ND		0.02	0.0011	
3	PCB-037			ND		0.05	0.0029	
3	PCB-038			ND		0.02	0.0012	
3	PCB-039			ND		0.02	0.0015	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10698693002
Lab File ID: P240821A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 16:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 14:56
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.07	0.0049	
4	PCB-042			ND		0.02	0.0026	
4	PCB-043/073			ND		0.04	0.0024	
4	PCB-044/047/065	27.11	0.78	0.24		0.07	0.0070	
4	PCB-045/051			ND		0.04	0.0036	
4	PCB-046			ND		0.02	0.0016	
4	PCB-048			ND		0.02	0.0019	
4	PCB-069/049	26.51	0.76	0.14		0.04	0.0040	
4	PCB-050/053	23.31	0.77	0.083		0.04	0.0021	
4	PCB-052	25.97	0.78	0.13		0.12	0.015	
4	PCB-054			ND		0.02	0.0011	
4	PCB-055			ND		0.02	0.0016	
4	PCB-056			ND		0.02	0.0037	
4	PCB-057			ND		0.02	0.0011	
4	PCB-058			ND		0.02	0.0014	
4	PCB-059/062/075			ND		0.07	0.0025	
4	PCB-060			ND		0.02	0.0020	
4	PCB-061/070/074/076			ND		0.09	0.0087	
4	PCB-063			ND		0.02	0.00094	
4	PCB-064			ND		0.02	0.0024	
4	PCB-066			ND		0.05	0.0045	
4	PCB-067			ND		0.02	0.0013	
4	PCB-068			ND		0.02	0.0012	
4	PCB-072			ND		0.02	0.00085	
4	PCB-077			ND		0.02	0.0015	
4	PCB-078			ND		0.02	0.0012	
4	PCB-079			ND		0.02	0.00085	
4	PCB-080			ND		0.02	0.0012	
4	PCB-081			ND		0.02	0.00080	
5	PCB-082			ND		0.02	0.0015	
5	PCB-083			ND		0.02	0.0012	
5	PCB-084	31.33	1.56	0.025		0.02	0.0025	
5	PCB-085/116/117			ND		0.07	0.0033	
5	PCB-086/087/097/108/119/12			ND		0.14	0.0063	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10698693002
Lab File ID: P240821A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 16:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 14:56
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.11	1.52	0.048		0.04	0.0019	
5	PCB-089			ND		0.02	0.0014	
5	PCB-090/101/113	33.31	1.52	0.19	U	0.07	0.0049	
5	PCB-092	32.69	1.55	0.057		0.02	0.0010	
5	PCB-093/098/100/102			ND		0.09	0.0044	
5	PCB-094			ND		0.02	0.00089	
5	PCB-095	30.18	1.50	0.14	U	0.06	0.0067	
5	PCB-096			ND		0.02	0.00091	
5	PCB-099	33.93	1.52	0.085	U	0.02	0.0020	
5	PCB-103			ND		0.02	0.00074	
5	PCB-104			ND		0.02	0.0014	
5	PCB-105			ND		0.02	0.0031	
5	PCB-106			ND		0.02	0.0012	
5	PCB-107/124			ND		0.04	0.0022	
5	PCB-109			ND		0.02	0.0015	
5	PCB-110/115	35.37	1.55	0.15	U	0.04	0.0055	
5	PCB-111			ND		0.02	0.00095	
5	PCB-112			ND		0.02	0.0015	
5	PCB-114			ND		0.02	0.0012	
5	PCB-118	38.49	1.60	0.071		0.03	0.0056	
5	PCB-120			ND		0.02	0.00092	
5	PCB-121			ND		0.02	0.0013	
5	PCB-122			ND		0.02	0.0013	
5	PCB-123			ND		0.02	0.0014	
5	PCB-126			ND		0.02	0.00077	
5	PCB-127			ND		0.02	0.0012	
6	PCB-128/166			ND		0.04	0.0026	
6	PCB-129/138/163	41.70	1.25	0.26		0.07	0.0054	
6	PCB-130			ND		0.02	0.0013	
6	PCB-131			ND		0.02	0.0016	
6	PCB-132	38.60	1.28	0.066		0.02	0.0018	
6	PCB-133			ND		0.02	0.0011	
6	PCB-134/143			ND		0.04	0.0030	
6	PCB-135/151	36.33	1.26	0.15		0.04	0.0032	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10698693002
Lab File ID: P240821A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 16:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 14:56
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.82	1.25	0.038		0.02	0.0016	
6	PCB-137			ND		0.02	0.0018	
6	PCB-139/140			ND		0.04	0.0023	
6	PCB-141	40.61	1.26	0.048		0.02	0.0021	
6	PCB-142			ND		0.02	0.0015	
6	PCB-144			ND		0.02	0.00097	
6	PCB-145			ND		0.02	0.0011	
6	PCB-146	39.79	1.23	0.056		0.02	0.0014	
6	PCB-147/149	37.29	1.25	0.27	U	0.04	0.0041	
6	PCB-148			ND		0.02	0.0011	
6	PCB-150			ND		0.02	0.0011	
6	PCB-152			ND		0.02	0.00091	
6	PCB-153/168	40.42	1.22	0.28		0.04	0.0032	
6	PCB-154			ND		0.02	0.0014	
6	PCB-155			ND		0.02	0.0012	
6	PCB-156/157			ND		0.04	0.0018	
6	PCB-158			ND		0.02	0.0013	
6	PCB-159			ND		0.02	0.0012	
6	PCB-160			ND		0.02	0.0014	
6	PCB-161			ND		0.02	0.00067	
6	PCB-162			ND		0.02	0.0012	
6	PCB-164			ND		0.02	0.0015	
6	PCB-165			ND		0.02	0.00078	
6	PCB-167			ND		0.02	0.0017	
6	PCB-169			ND		0.02	0.0011	
7	PCB-170	48.64	0.97	0.061		0.02	0.0015	
7	PCB-171/173			ND		0.04	0.0020	
7	PCB-172			ND		0.02	0.0048	
7	PCB-174	43.95	1.11	0.079		0.02	0.0017	
7	PCB-175			ND		0.02	0.0011	
7	PCB-176			ND		0.02	0.00095	
7	PCB-177	44.40	1.12	0.051		0.02	0.0020	
7	PCB-178	42.15	1.10	0.025		0.02	0.0013	
7	PCB-179	39.37	1.02	0.041		0.02	0.0015	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10698693002
Lab File ID: P240821A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 16:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 14:56
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.35	1.00	0.15		0.04	0.0044	
7	PCB-181			ND		0.02	0.0016	
7	PCB-182			ND		0.02	0.0013	
7	PCB-183/185	43.73	1.05	0.051		0.04	0.0029	
7	PCB-184			ND		0.02	0.00067	
7	PCB-186			ND		0.02	0.0016	
7	PCB-187	43.09	1.06	0.12		0.02	0.0018	
7	PCB-188			ND		0.02	0.00076	
7	PCB-189			ND		0.02	0.0012	
7	PCB-190			ND		0.02	0.0017	
7	PCB-191			ND		0.02	0.0015	
7	PCB-192			ND		0.02	0.0015	
8	PCB-194	53.93	0.93	0.034		0.02	0.0012	
8	PCB-195			ND		0.02	0.0016	
8	PCB-196			ND		0.02	0.0012	
8	PCB-197/200			ND		0.04	0.0020	
8	PCB-198/199			ND		0.04	0.0021	
8	PCB-201			ND		0.02	0.00061	
8	PCB-202			ND		0.02	0.0013	
8	PCB-203	50.22	0.98	0.025		0.02	0.0011	
8	PCB-204			ND		0.02	0.0012	
8	PCB-205			ND		0.02	0.0015	
9	PCB-206			ND		0.02	0.0021	
9	PCB-207			ND		0.02	0.0014	
9	PCB-208			ND		0.02	0.0013	
10	PCB-209			ND		0.02	0.0075	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10698693002
Lab File ID: P240821A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 16:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 14:56
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.065	
Total TrCB	0.048	
Total TeCB	0.59	
Total PeCB	0.77	
Total HxCB	1.2	
Total HpCB	0.57	
Total OcCB	0.059	
Total NoCB	ND	
DeCB	ND	
Total PCBs	3.3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10698693003
Lab File ID: P240821A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 12:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 15:57
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114210

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.27	3.11	2.0	0.89	45
1	PCB-003L	13.07	3.16	2.0	1.1	53
2	PCB-004L	13.39	1.54	2.0	0.96	48
2	PCB-015L	20.50	1.59	2.0	1.4	69
3	PCB-019L	17.23	1.03	2.0	1.0	52
3	PCB-037L	28.30	1.09	2.0	1.7	87
4	PCB-054L	20.85	0.80	2.0	1.1	55
4	PCB-077L	36.03	0.81	2.0	1.7	85
4	PCB-081L	35.46	0.79	2.0	1.8	88
5	PCB-104L	26.99	1.57	2.0	1.5	73
5	PCB-105L	39.67	1.60	2.0	1.7	83
5	PCB-114L	39.01	1.64	2.0	1.7	85
5	PCB-118L	38.46	1.61	2.0	1.7	84
5	PCB-123L	38.12	1.61	2.0	1.7	86
5	PCB-126L	42.84	1.58	2.0	1.6	78
6	PCB-155L	33.08	1.27	2.0	1.9	96
6	PCB-156/157L	45.93	1.30	4.0	3.4	84
6	PCB-167L	44.75	1.31	2.0	1.7	86
6	PCB-169L	49.21	1.28	2.0	1.6	78
7	PCB-188L	39.01	1.02	2.0	2.4	120
7	PCB-189L	51.80	1.09	2.0	1.9	96
8	PCB-202L	44.50	0.91	2.0	2.1	103
8	PCB-205L	54.38	0.89	2.0	1.6	79
9	PCB-206L	56.15	0.79	2.0	1.5	73
9	PCB-208L	51.30	0.79	2.0	1.8	88
10	PCB-209L	57.79	0.71	2.0	1.4	69
Recovery Standards						
2	PCB-009L	15.86	1.59	2.0	2.7	N/A
4	PCB-052L	25.94	0.78	2.0	2.8	N/A
5	PCB-101L	33.28	1.58	2.0	2.7	N/A
6	PCB-138L	41.66	1.27	2.0	2.3	N/A
8	PCB-194L	53.91	0.91	2.0	1.7	N/A
Cleanup Standards						
3	PCB-028L	23.94	1.07	2.0	1.7	85
5	PCB-111L	36.08	1.57	2.0	1.5	77
7	PCB-178L	42.13	1.05	2.0	1.7	86

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10698693003
Lab File ID: P240821A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 12:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 15:57
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.02	0.0042	
1	PCB-002			ND		0.02	0.0042	
1	PCB-003			ND		0.02	0.0079	
2	PCB-004	13.41	1.48	0.087	U	0.02	0.0053	
2	PCB-005			ND		0.02	0.0057	
2	PCB-006			ND		0.02	0.0029	
2	PCB-007			ND		0.02	0.0027	
2	PCB-008			ND		0.02	0.0056	
2	PCB-009			ND		0.02	0.0011	
2	PCB-010			ND		0.02	0.0013	
2	PCB-011			ND		0.23	0.061	
2	PCB-012/013			ND		0.04	0.0031	
2	PCB-014			ND		0.02	0.0011	
2	PCB-015			ND		0.03	0.0060	
3	PCB-016			ND		0.02	0.0034	
3	PCB-017			ND		0.02	0.0038	
3	PCB-018/030			ND		0.04	0.0062	
3	PCB-019	17.25	1.01	0.069		0.02	0.0032	
3	PCB-020/028			ND		0.12	0.0070	
3	PCB-021/033			ND		0.13	0.0058	
3	PCB-022			ND		0.08	0.0038	
3	PCB-023			ND		0.02	0.0012	
3	PCB-024			ND		0.02	0.0013	
3	PCB-025			ND		0.02	0.0015	
3	PCB-026/029			ND		0.04	0.0024	
3	PCB-027			ND		0.02	0.0010	
3	PCB-031			ND		0.12	0.0085	
3	PCB-032			ND		0.02	0.0028	
3	PCB-034			ND		0.02	0.0011	
3	PCB-035			ND		0.02	0.0012	
3	PCB-036			ND		0.02	0.0011	
3	PCB-037			ND		0.05	0.0028	
3	PCB-038			ND		0.02	0.0012	
3	PCB-039			ND		0.02	0.0015	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10698693003
Lab File ID: P240821A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 12:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 15:57
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.07	0.0048	
4	PCB-042			ND		0.02	0.0026	
4	PCB-043/073			ND		0.04	0.0023	
4	PCB-044/047/065	27.11	0.77	0.38		0.07	0.0068	
4	PCB-045/051	24.14	0.80	0.061		0.04	0.0035	
4	PCB-046			ND		0.02	0.0016	
4	PCB-048			ND		0.02	0.0019	
4	PCB-069/049	26.51	0.77	0.21		0.04	0.0040	
4	PCB-050/053	23.31	0.75	0.13		0.04	0.0020	
4	PCB-052	25.97	0.75	0.17		0.12	0.014	
4	PCB-054	20.88	0.80	0.034		0.02	0.0011	
4	PCB-055			ND		0.02	0.0016	
4	PCB-056			ND		0.02	0.0036	
4	PCB-057			ND		0.02	0.0011	
4	PCB-058			ND		0.02	0.0014	
4	PCB-059/062/075			ND		0.07	0.0024	
4	PCB-060			ND		0.02	0.0020	
4	PCB-061/070/074/076			ND		0.09	0.0085	
4	PCB-063			ND		0.02	0.00092	
4	PCB-064			ND		0.02	0.0023	
4	PCB-066			ND		0.05	0.0044	
4	PCB-067			ND		0.02	0.0013	
4	PCB-068			ND		0.02	0.0012	
4	PCB-072			ND		0.02	0.00083	
4	PCB-077			ND		0.02	0.0014	
4	PCB-078			ND		0.02	0.0012	
4	PCB-079			ND		0.02	0.00083	
4	PCB-080			ND		0.02	0.0012	
4	PCB-081			ND		0.02	0.00078	
5	PCB-082			ND		0.02	0.0014	
5	PCB-083			ND		0.02	0.0012	
5	PCB-084	31.34	1.43	0.030		0.02	0.0025	
5	PCB-085/116/117			ND		0.07	0.0032	
5	PCB-086/087/097/108/119/12			ND		0.14	0.0062	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10698693003
Lab File ID: P240821A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 12:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 15:57
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.11	1.51	0.082		0.04	0.0019	
5	PCB-089			ND		0.02	0.0013	
5	PCB-090/101/113	33.31	1.55	0.31	U	0.07	0.0048	
5	PCB-092	32.69	1.53	0.097		0.02	0.0010	
5	PCB-093/098/100/102			ND		0.09	0.0043	
5	PCB-094			ND		0.02	0.00087	
5	PCB-095	30.18	1.59	0.22	U	0.06	0.0066	
5	PCB-096			ND		0.02	0.00089	
5	PCB-099	33.93	1.53	0.14	U	0.02	0.0020	
5	PCB-103	29.50	1.53	0.024		0.02	0.00072	
5	PCB-104			ND		0.02	0.0013	
5	PCB-105			ND		0.02	0.0030	
5	PCB-106			ND		0.02	0.0012	
5	PCB-107/124			ND		0.04	0.0021	
5	PCB-109			ND		0.02	0.0015	
5	PCB-110/115	35.37	1.55	0.21	U	0.04	0.0053	
5	PCB-111			ND		0.02	0.00093	
5	PCB-112			ND		0.02	0.0015	
5	PCB-114			ND		0.02	0.0012	
5	PCB-118	38.49	1.52	0.087		0.03	0.0054	
5	PCB-120			ND		0.02	0.00090	
5	PCB-121			ND		0.02	0.0012	
5	PCB-122			ND		0.02	0.0013	
5	PCB-123			ND		0.02	0.0014	
5	PCB-126			ND		0.02	0.00075	
5	PCB-127			ND		0.02	0.0012	
6	PCB-128/166			ND		0.04	0.0025	
6	PCB-129/138/163	41.70	1.29	0.50		0.07	0.0053	
6	PCB-130	41.03	1.20	0.031		0.02	0.0013	
6	PCB-131			ND		0.02	0.0015	
6	PCB-132	38.59	1.25	0.13		0.02	0.0017	
6	PCB-133			ND		0.02	0.0011	
6	PCB-134/143			ND		0.04	0.0029	
6	PCB-135/151	36.32	1.25	0.29		0.04	0.0032	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10698693003
Lab File ID: P240821A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 12:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 15:57
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.82	1.23	0.077		0.02	0.0016	
6	PCB-137			ND		0.02	0.0017	
6	PCB-139/140			ND		0.04	0.0022	
6	PCB-141	40.61	1.29	0.094		0.02	0.0021	
6	PCB-142			ND		0.02	0.0014	
6	PCB-144	36.93	1.18	0.024		0.02	0.00094	
6	PCB-145			ND		0.02	0.0011	
6	PCB-146	39.78	1.24	0.12		0.02	0.0013	
6	PCB-147/149	37.29	1.24	0.55	U	0.04	0.0040	
6	PCB-148			ND		0.02	0.0011	
6	PCB-150			ND		0.02	0.0011	
6	PCB-152			ND		0.02	0.00089	
6	PCB-153/168	40.42	1.25	0.56		0.04	0.0032	
6	PCB-154			ND		0.02	0.0014	
6	PCB-155			ND		0.02	0.0012	
6	PCB-156/157			ND		0.04	0.0017	
6	PCB-158	42.10	1.15	0.031		0.02	0.0013	
6	PCB-159			ND		0.02	0.0012	
6	PCB-160			ND		0.02	0.0013	
6	PCB-161			ND		0.02	0.00065	
6	PCB-162			ND		0.02	0.0012	
6	PCB-164	41.38	1.27	0.034		0.02	0.0015	
6	PCB-165			ND		0.02	0.00076	
6	PCB-167			ND		0.02	0.0017	
6	PCB-169			ND		0.02	0.0011	
7	PCB-170	48.64	1.05	0.15		0.02	0.0015	
7	PCB-171/173	45.05	1.06	0.048		0.04	0.0019	
7	PCB-172	46.70	1.11	0.034		0.02	0.0047	
7	PCB-174	43.95	1.02	0.19		0.02	0.0017	
7	PCB-175			ND		0.02	0.0011	
7	PCB-176	40.29	1.10	0.025		0.02	0.00093	
7	PCB-177	44.40	1.05	0.12		0.02	0.0019	
7	PCB-178	42.15	0.98	0.056		0.02	0.0012	
7	PCB-179	39.37	1.06	0.096		0.02	0.0015	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10698693003
Lab File ID: P240821A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 12:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 15:57
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.37	1.02	0.34		0.04	0.0043	
7	PCB-181			ND		0.02	0.0015	
7	PCB-182			ND		0.02	0.0013	
7	PCB-183/185	43.73	1.03	0.12		0.04	0.0028	
7	PCB-184			ND		0.02	0.00066	
7	PCB-186			ND		0.02	0.0015	
7	PCB-187	43.09	1.05	0.27		0.02	0.0017	
7	PCB-188			ND		0.02	0.00074	
7	PCB-189			ND		0.02	0.0012	
7	PCB-190	49.18	0.98	0.034		0.02	0.0016	
7	PCB-191			ND		0.02	0.0015	
7	PCB-192			ND		0.02	0.0015	
8	PCB-194	53.93	0.95	0.085		0.02	0.0012	
8	PCB-195	51.58	0.91	0.040		0.02	0.0015	
8	PCB-196	50.02	0.91	0.044		0.02	0.0012	
8	PCB-197/200			ND		0.04	0.0020	
8	PCB-198/199	49.35	0.86	0.10		0.04	0.0020	
8	PCB-201			ND		0.02	0.00060	
8	PCB-202			ND		0.02	0.0013	
8	PCB-203	50.22	0.92	0.057		0.02	0.0011	
8	PCB-204			ND		0.02	0.0012	
8	PCB-205			ND		0.02	0.0015	
9	PCB-206			ND		0.02	0.0021	
9	PCB-207			ND		0.02	0.0014	
9	PCB-208			ND		0.02	0.0012	
10	PCB-209			ND		0.02	0.0073	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10698693003
Lab File ID: P240821A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 12:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 15:57
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.087	
Total TrCB	0.069	
Total TeCB	0.98	
Total PeCB	1.2	
Total HxCB	2.4	
Total HpCB	1.5	
Total OcCB	0.33	
Total NoCB	ND	
DeCB	ND	
Total PCBs	6.6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10698693004
Lab File ID: P240821A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 18:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 16:59
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114210

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.30	3.08	2.0	0.94	47
1	PCB-003L	13.11	3.08	2.0	1.1	57
2	PCB-004L	13.42	1.58	2.0	1.0	52
2	PCB-015L	20.52	1.59	2.0	1.5	73
3	PCB-019L	17.25	1.03	2.0	1.1	56
3	PCB-037L	28.32	1.05	2.0	1.7	83
4	PCB-054L	20.86	0.79	2.0	1.2	58
4	PCB-077L	36.04	0.80	2.0	1.6	79
4	PCB-081L	35.47	0.78	2.0	1.7	83
5	PCB-104L	27.00	1.58	2.0	1.5	73
5	PCB-105L	39.68	1.59	2.0	1.6	80
5	PCB-114L	39.03	1.62	2.0	1.7	83
5	PCB-118L	38.47	1.61	2.0	1.6	82
5	PCB-123L	38.14	1.59	2.0	1.7	84
5	PCB-126L	42.85	1.61	2.0	1.5	76
6	PCB-155L	33.09	1.24	2.0	1.9	95
6	PCB-156/157L	45.94	1.31	4.0	3.2	81
6	PCB-167L	44.77	1.30	2.0	1.7	85
6	PCB-169L	49.23	1.29	2.0	1.5	76
7	PCB-188L	39.03	1.03	2.0	2.5	125
7	PCB-189L	51.82	1.05	2.0	1.9	97
8	PCB-202L	44.52	0.90	2.0	2.2	109
8	PCB-205L	54.40	0.89	2.0	1.7	83
9	PCB-206L	56.17	0.82	2.0	1.5	75
9	PCB-208L	51.32	0.78	2.0	1.8	89
10	PCB-209L	57.81	0.68	2.0	1.4	71
Recovery Standards						
2	PCB-009L	15.89	1.63	2.0	2.8	N/A
4	PCB-052L	25.95	0.79	2.0	3.0	N/A
5	PCB-101L	33.29	1.58	2.0	2.7	N/A
6	PCB-138L	41.68	1.25	2.0	2.3	N/A
8	PCB-194L	53.93	0.91	2.0	1.6	N/A
Cleanup Standards						
3	PCB-028L	23.96	1.05	2.0	1.7	83
5	PCB-111L	36.11	1.56	2.0	1.5	76
7	PCB-178L	42.13	1.04	2.0	1.7	86

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10698693004
Lab File ID: P240821A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 18:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 16:59
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.02	0.0041	
1	PCB-002			ND		0.02	0.0042	
1	PCB-003			ND		0.02	0.0077	
2	PCB-004	13.43	1.49	0.17	U	0.02	0.0052	
2	PCB-005			ND		0.02	0.0056	
2	PCB-006			ND		0.02	0.0028	
2	PCB-007			ND		0.02	0.0027	
2	PCB-008			ND		0.02	0.0055	
2	PCB-009			ND		0.02	0.0011	
2	PCB-010			ND		0.02	0.0012	
2	PCB-011			ND		0.23	0.060	
2	PCB-012/013			ND		0.04	0.0030	
2	PCB-014			ND		0.02	0.0011	
2	PCB-015			ND		0.03	0.0059	
3	PCB-016			ND		0.02	0.0033	
3	PCB-017	19.96	1.07	0.034		0.02	0.0037	
3	PCB-018/030			ND		0.04	0.0061	
3	PCB-019	17.27	1.04	0.12		0.02	0.0031	
3	PCB-020/028			ND		0.12	0.0069	
3	PCB-021/033			ND		0.12	0.0057	
3	PCB-022			ND		0.08	0.0038	
3	PCB-023			ND		0.02	0.0011	
3	PCB-024			ND		0.02	0.0013	
3	PCB-025			ND		0.02	0.0015	
3	PCB-026/029			ND		0.04	0.0024	
3	PCB-027	20.20	0.97	0.025		0.02	0.0010	
3	PCB-031			ND		0.12	0.0084	
3	PCB-032			ND		0.02	0.0028	
3	PCB-034			ND		0.02	0.0011	
3	PCB-035			ND		0.02	0.0011	
3	PCB-036			ND		0.02	0.0011	
3	PCB-037			ND		0.04	0.0028	
3	PCB-038			ND		0.02	0.0011	
3	PCB-039			ND		0.02	0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10698693004
Lab File ID: P240821A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 18:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 16:59
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.06	0.0047	
4	PCB-042	27.64	0.73	0.030		0.02	0.0025	
4	PCB-043/073			ND		0.04	0.0023	
4	PCB-044/047/065	27.13	0.77	0.50		0.06	0.0067	
4	PCB-045/051	24.16	0.81	0.13		0.04	0.0035	
4	PCB-046			ND		0.02	0.0016	
4	PCB-048			ND		0.02	0.0018	
4	PCB-069/049	26.52	0.77	0.29		0.04	0.0039	
4	PCB-050/053	23.32	0.79	0.19		0.04	0.0020	
4	PCB-052	25.98	0.78	0.23		0.12	0.014	
4	PCB-054	20.89	0.76	0.048		0.02	0.0011	
4	PCB-055			ND		0.02	0.0016	
4	PCB-056			ND		0.02	0.0035	
4	PCB-057			ND		0.02	0.0011	
4	PCB-058			ND		0.02	0.0013	
4	PCB-059/062/075			ND		0.06	0.0024	
4	PCB-060			ND		0.02	0.0019	
4	PCB-061/070/074/076			ND		0.09	0.0083	
4	PCB-063			ND		0.02	0.00090	
4	PCB-064			ND		0.02	0.0023	
4	PCB-066	31.48	0.86	0.062		0.05	0.0043	
4	PCB-067			ND		0.02	0.0013	
4	PCB-068			ND		0.02	0.0012	
4	PCB-072			ND		0.02	0.00081	
4	PCB-077			ND		0.02	0.0014	
4	PCB-078			ND		0.02	0.0012	
4	PCB-079			ND		0.02	0.00081	
4	PCB-080			ND		0.02	0.0011	
4	PCB-081			ND		0.02	0.00077	
5	PCB-082			ND		0.02	0.0014	
5	PCB-083			ND		0.02	0.0012	
5	PCB-084	31.36	1.52	0.040		0.02	0.0024	
5	PCB-085/116/117			ND		0.06	0.0032	
5	PCB-086/087/097/108/119/12			ND		0.14	0.0061	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10698693004
Lab File ID: P240821A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 18:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 16:59
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.13	1.54	0.11		0.04	0.0019	
5	PCB-089			ND		0.02	0.0013	
5	PCB-090/101/113	33.32	1.55	0.40		0.06	0.0047	
5	PCB-092	32.70	1.53	0.12		0.02	0.0010	
5	PCB-093/098/100/102			ND		0.09	0.0042	
5	PCB-094			ND		0.02	0.00086	
5	PCB-095	30.20	1.55	0.28	U	0.06	0.0065	
5	PCB-096			ND		0.02	0.00087	
5	PCB-099	33.94	1.53	0.17		0.02	0.0019	
5	PCB-103	29.52	1.49	0.029		0.02	0.00071	
5	PCB-104			ND		0.02	0.0013	
5	PCB-105	39.70	1.62	0.027		0.02	0.0030	
5	PCB-106			ND		0.02	0.0012	
5	PCB-107/124			ND		0.04	0.0021	
5	PCB-109			ND		0.02	0.0015	
5	PCB-110/115	35.38	1.56	0.28	U	0.04	0.0052	
5	PCB-111			ND		0.02	0.00091	
5	PCB-112			ND		0.02	0.0014	
5	PCB-114			ND		0.02	0.0012	
5	PCB-118	38.51	1.60	0.11		0.03	0.0053	
5	PCB-120			ND		0.02	0.00088	
5	PCB-121			ND		0.02	0.0012	
5	PCB-122			ND		0.02	0.0013	
5	PCB-123			ND		0.02	0.0014	
5	PCB-126			ND		0.02	0.00074	
5	PCB-127			ND		0.02	0.0012	
6	PCB-128/166			ND		0.04	0.0025	
6	PCB-129/138/163	41.71	1.26	0.64		0.06	0.0052	
6	PCB-130	41.04	1.25	0.038		0.02	0.0013	
6	PCB-131			ND		0.02	0.0015	
6	PCB-132	38.61	1.25	0.16		0.02	0.0017	
6	PCB-133			ND		0.02	0.0011	
6	PCB-134/143			ND		0.04	0.0028	
6	PCB-135/151	36.34	1.24	0.36		0.04	0.0031	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10698693004
Lab File ID: P240821A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 18:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 16:59
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.83	1.23	0.097		0.02	0.0016	
6	PCB-137			ND		0.02	0.0017	
6	PCB-139/140			ND		0.04	0.0022	
6	PCB-141	40.62	1.31	0.12		0.02	0.0020	
6	PCB-142			ND		0.02	0.0014	
6	PCB-144	36.94	1.15	0.029		0.02	0.00093	
6	PCB-145			ND		0.02	0.0011	
6	PCB-146	39.80	1.23	0.14		0.02	0.0013	
6	PCB-147/149	37.30	1.24	0.68		0.04	0.0039	
6	PCB-148			ND		0.02	0.0011	
6	PCB-150			ND		0.02	0.0011	
6	PCB-152			ND		0.02	0.00088	
6	PCB-153/168	40.44	1.25	0.70		0.04	0.0031	
6	PCB-154			ND		0.02	0.0014	
6	PCB-155			ND		0.02	0.0012	
6	PCB-156/157			ND		0.04	0.0017	
6	PCB-158	42.11	1.30	0.040		0.02	0.0013	
6	PCB-159			ND		0.02	0.0011	
6	PCB-160			ND		0.02	0.0013	
6	PCB-161			ND		0.02	0.00064	
6	PCB-162			ND		0.02	0.0012	
6	PCB-164	41.38	1.24	0.046		0.02	0.0014	
6	PCB-165			ND		0.02	0.00075	
6	PCB-167			ND		0.02	0.0017	
6	PCB-169			ND		0.02	0.0010	
7	PCB-170	48.66	1.05	0.19		0.02	0.0015	
7	PCB-171/173	45.07	1.08	0.063		0.04	0.0019	
7	PCB-172	46.71	1.04	0.044		0.02	0.0046	
7	PCB-174	43.96	1.04	0.25		0.02	0.0017	
7	PCB-175			ND		0.02	0.0011	
7	PCB-176	40.30	1.01	0.030		0.02	0.00091	
7	PCB-177	44.42	1.02	0.16		0.02	0.0019	
7	PCB-178	42.16	1.06	0.073		0.02	0.0012	
7	PCB-179	39.38	1.02	0.12		0.02	0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10698693004
Lab File ID: P240821A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 18:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 16:59
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.38	1.05	0.45		0.04	0.0042	
7	PCB-181			ND		0.02	0.0015	
7	PCB-182			ND		0.02	0.0013	
7	PCB-183/185	43.74	1.00	0.15		0.04	0.0028	
7	PCB-184			ND		0.02	0.00065	
7	PCB-186			ND		0.02	0.0015	
7	PCB-187	43.10	1.06	0.33		0.02	0.0017	
7	PCB-188			ND		0.02	0.00073	
7	PCB-189			ND		0.02	0.0012	
7	PCB-190	49.19	1.05	0.043		0.02	0.0016	
7	PCB-191			ND		0.02	0.0015	
7	PCB-192			ND		0.02	0.0015	
8	PCB-194	53.95	0.83	0.10		0.02	0.0012	
8	PCB-195	51.60	0.83	0.048		0.02	0.0015	
8	PCB-196	50.03	0.87	0.057		0.02	0.0011	
8	PCB-197/200			ND		0.04	0.0019	
8	PCB-198/199	49.36	0.94	0.13		0.04	0.0020	
8	PCB-201			ND		0.02	0.00059	
8	PCB-202	44.55	0.82	0.024		0.02	0.0012	
8	PCB-203	50.23	0.84	0.072		0.02	0.0010	
8	PCB-204			ND		0.02	0.0012	
8	PCB-205			ND		0.02	0.0014	
9	PCB-206	56.19	0.70	0.028		0.02	0.0020	
9	PCB-207			ND		0.02	0.0014	
9	PCB-208			ND		0.02	0.0012	
10	PCB-209			ND		0.02	0.0072	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10698693004
Lab File ID: P240821A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 18:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/21/2024 16:59
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821A02
CCal File(s): P240821A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.17	
Total TrCB	0.18	
Total TeCB	1.5	
Total PeCB	1.6	
Total HxCB	3.0	
Total HpCB	1.9	
Total OcCB	0.43	
Total NoCB	0.028	
DeCB	ND	
Total PCBs	8.8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10698693005
Lab File ID: P240821B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 12:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 00:08
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114210

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.27	3.10	2.0	0.81	40
1	PCB-003L	13.07	3.14	2.0	1.0	51
2	PCB-004L	13.39	1.55	2.0	0.91	45
2	PCB-015L	20.49	1.60	2.0	1.3	67
3	PCB-019L	17.22	1.02	2.0	0.94	47
3	PCB-037L	28.29	1.07	2.0	1.6	80
4	PCB-054L	20.85	0.79	2.0	0.99	50
4	PCB-077L	36.01	0.80	2.0	1.6	81
4	PCB-081L	35.44	0.81	2.0	1.7	84
5	PCB-104L	26.97	1.59	2.0	1.4	70
5	PCB-105L	39.65	1.57	2.0	1.7	85
5	PCB-114L	39.00	1.62	2.0	1.7	86
5	PCB-118L	38.44	1.60	2.0	1.7	85
5	PCB-123L	38.11	1.59	2.0	1.7	87
5	PCB-126L	42.82	1.61	2.0	1.6	82
6	PCB-155L	33.06	1.26	2.0	1.8	91
6	PCB-156/157L	45.91	1.30	4.0	3.5	87
6	PCB-167L	44.74	1.28	2.0	1.8	89
6	PCB-169L	49.20	1.29	2.0	1.7	84
7	PCB-188L	39.00	1.04	2.0	2.3	113
7	PCB-189L	51.78	1.08	2.0	2.0	98
8	PCB-202L	44.48	0.90	2.0	2.0	102
8	PCB-205L	54.38	0.89	2.0	1.7	83
9	PCB-206L	56.13	0.80	2.0	1.5	74
9	PCB-208L	51.30	0.77	2.0	1.8	89
10	PCB-209L	57.79	0.69	2.0	1.4	69
Recovery Standards						
2	PCB-009L	15.85	1.58	2.0	2.6	N/A
4	PCB-052L	25.92	0.79	2.0	2.9	N/A
5	PCB-101L	33.26	1.60	2.0	2.6	N/A
6	PCB-138L	41.65	1.26	2.0	2.3	N/A
8	PCB-194L	53.91	0.92	2.0	1.8	N/A
Cleanup Standards						
3	PCB-028L	23.93	1.05	2.0	1.5	75
5	PCB-111L	36.08	1.58	2.0	1.5	77
7	PCB-178L	42.11	1.03	2.0	1.7	87

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10698693005
Lab File ID: P240821B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 12:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 00:08
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.02	0.0039	
1	PCB-002			ND		0.02	0.0040	
1	PCB-003			ND		0.02	0.0074	
2	PCB-004	13.40	1.55	0.61		0.02	0.0050	
2	PCB-005			ND		0.02	0.0053	
2	PCB-006			ND		0.02	0.0027	
2	PCB-007			ND		0.02	0.0026	
2	PCB-008	16.89	1.57	0.026	U	0.02	0.0053	
2	PCB-009			ND		0.02	0.0010	
2	PCB-010			ND		0.02	0.0012	
2	PCB-011			ND		0.22	0.057	
2	PCB-012/013			ND		0.04	0.0029	
2	PCB-014			ND		0.02	0.0010	
2	PCB-015	20.51	1.57	0.059		0.02	0.0057	
3	PCB-016			ND		0.02	0.0032	
3	PCB-017	19.94	1.04	0.10		0.02	0.0036	
3	PCB-018/030	19.45	1.05	0.084		0.04	0.0058	
3	PCB-019	17.24	1.07	0.48		0.02	0.0030	
3	PCB-020/028	23.94	1.09	0.13		0.11	0.0066	
3	PCB-021/033			ND		0.12	0.0055	
3	PCB-022			ND		0.08	0.0036	
3	PCB-023			ND		0.02	0.0011	
3	PCB-024			ND		0.02	0.0012	
3	PCB-025	23.28	1.06	0.060		0.02	0.0014	
3	PCB-026/029	23.00	1.07	0.068		0.04	0.0023	
3	PCB-027	20.17	1.00	0.081		0.02	0.00098	
3	PCB-031			ND		0.11	0.0080	
3	PCB-032	21.06	1.06	0.090		0.02	0.0027	
3	PCB-034			ND		0.02	0.0011	
3	PCB-035			ND		0.02	0.0011	
3	PCB-036			ND		0.02	0.0010	
3	PCB-037			ND		0.04	0.0027	
3	PCB-038			ND		0.02	0.0011	
3	PCB-039			ND		0.02	0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10698693005
Lab File ID: P240821B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 12:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 00:08
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.15	0.77	0.22		0.06	0.0045	
4	PCB-042	27.61	0.77	0.093		0.02	0.0024	
4	PCB-043/073	26.11	0.79	0.047		0.04	0.0022	
4	PCB-044/047/065	27.10	0.77	1.7		0.06	0.0064	
4	PCB-045/051	24.14	0.77	0.58		0.04	0.0033	
4	PCB-046	24.39	0.75	0.052		0.02	0.0015	
4	PCB-048			ND		0.02	0.0018	
4	PCB-069/049	26.49	0.79	0.96		0.04	0.0037	
4	PCB-050/053	23.29	0.78	0.68		0.04	0.0019	
4	PCB-052	25.95	0.78	0.65		0.11	0.013	
4	PCB-054	20.86	0.78	0.20		0.02	0.0010	
4	PCB-055			ND		0.02	0.0015	
4	PCB-056			ND		0.02	0.0034	
4	PCB-057			ND		0.02	0.0010	
4	PCB-058			ND		0.02	0.0013	
4	PCB-059/062/075			ND		0.06	0.0023	
4	PCB-060			ND		0.02	0.0019	
4	PCB-061/070/074/076	31.10	0.88	0.13		0.08	0.0080	
4	PCB-063			ND		0.02	0.00086	
4	PCB-064	28.38	0.76	0.040		0.02	0.0022	
4	PCB-066	31.45	0.86	0.15		0.05	0.0041	
4	PCB-067			ND		0.02	0.0012	
4	PCB-068	29.59	0.76	0.028		0.02	0.0011	
4	PCB-072			ND		0.02	0.00078	
4	PCB-077			ND		0.02	0.0013	
4	PCB-078			ND		0.02	0.0011	
4	PCB-079			ND		0.02	0.00078	
4	PCB-080			ND		0.02	0.0011	
4	PCB-081			ND		0.02	0.00074	
5	PCB-082	35.67	1.61	0.024		0.02	0.0013	
5	PCB-083	33.77	1.35	0.031		0.02	0.0011	
5	PCB-084	31.33	1.58	0.11		0.02	0.0023	
5	PCB-085/116/117	35.15	1.47	0.097		0.06	0.0031	
5	PCB-086/087/097/108/119/12	34.45	1.56	0.33		0.13	0.0058	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10698693005
Lab File ID: P240821B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 12:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 00:08
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.10	1.56	0.35		0.04	0.0018	
5	PCB-089			ND		0.02	0.0013	
5	PCB-090/101/113	33.29	1.55	1.1		0.06	0.0045	
5	PCB-092	32.67	1.55	0.32		0.02	0.00096	
5	PCB-093/098/100/102	30.45	1.54	0.25		0.08	0.0041	
5	PCB-094	29.70	1.55	0.067		0.02	0.00082	
5	PCB-095	30.17	1.58	0.76		0.06	0.0062	
5	PCB-096	27.38	1.55	0.035		0.02	0.00083	
5	PCB-099	33.91	1.56	0.44		0.02	0.0019	
5	PCB-103	29.49	1.56	0.096		0.02	0.00068	
5	PCB-104			ND		0.02	0.0013	
5	PCB-105	39.68	1.58	0.065		0.02	0.0028	
5	PCB-106			ND		0.02	0.0011	
5	PCB-107/124			ND		0.04	0.0020	
5	PCB-109	38.01	1.54	0.044		0.02	0.0014	
5	PCB-110/115	35.35	1.55	0.71		0.04	0.0050	
5	PCB-111			ND		0.02	0.00087	
5	PCB-112			ND		0.02	0.0014	
5	PCB-114			ND		0.02	0.0011	
5	PCB-118	38.48	1.62	0.28		0.03	0.0051	
5	PCB-120			ND		0.02	0.00084	
5	PCB-121			ND		0.02	0.0012	
5	PCB-122			ND		0.02	0.0012	
5	PCB-123			ND		0.02	0.0013	
5	PCB-126			ND		0.02	0.00070	
5	PCB-127			ND		0.02	0.0011	
6	PCB-128/166	42.97	1.21	0.12		0.04	0.0024	
6	PCB-129/138/163	41.68	1.25	1.8		0.06	0.0050	
6	PCB-130	41.01	1.24	0.097		0.02	0.0012	
6	PCB-131			ND		0.02	0.0015	
6	PCB-132	38.58	1.26	0.45		0.02	0.0016	
6	PCB-133	39.10	1.21	0.054		0.02	0.0010	
6	PCB-134/143	37.49	1.23	0.079		0.04	0.0027	
6	PCB-135/151	36.31	1.24	0.92		0.04	0.0030	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10698693005
Lab File ID: P240821B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 12:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 00:08
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.80	1.24	0.26		0.02	0.0015	
6	PCB-137	41.24	1.13	0.027		0.02	0.0016	
6	PCB-139/140			ND		0.04	0.0021	
6	PCB-141	40.59	1.27	0.34		0.02	0.0019	
6	PCB-142			ND		0.02	0.0014	
6	PCB-144	36.91	1.34	0.079		0.02	0.00089	
6	PCB-145			ND		0.02	0.0010	
6	PCB-146	39.77	1.25	0.38		0.02	0.0012	
6	PCB-147/149	37.29	1.25	1.9		0.04	0.0038	
6	PCB-148			ND		0.02	0.0010	
6	PCB-150			ND		0.02	0.0010	
6	PCB-152			ND		0.02	0.00084	
6	PCB-153/168	40.40	1.25	1.9		0.04	0.0030	
6	PCB-154	36.60	1.32	0.059		0.02	0.0013	
6	PCB-155			ND		0.02	0.0011	
6	PCB-156/157	45.93	1.31	0.082		0.04	0.0016	
6	PCB-158	42.10	1.18	0.12		0.02	0.0012	
6	PCB-159			ND		0.02	0.0011	
6	PCB-160			ND		0.02	0.0012	
6	PCB-161			ND		0.02	0.00061	
6	PCB-162			ND		0.02	0.0011	
6	PCB-164	41.36	1.26	0.13		0.02	0.0014	
6	PCB-165			ND		0.02	0.00072	
6	PCB-167	44.75	1.28	0.056		0.02	0.0016	
6	PCB-169			ND		0.02	0.00099	
7	PCB-170	48.63	1.05	0.60		0.02	0.0014	
7	PCB-171/173	45.04	1.03	0.20		0.04	0.0018	
7	PCB-172	46.68	1.06	0.13		0.02	0.0044	
7	PCB-174	43.93	1.04	0.76		0.02	0.0016	
7	PCB-175	42.79	1.00	0.029		0.02	0.0010	
7	PCB-176	40.27	0.99	0.092		0.02	0.00087	
7	PCB-177	44.38	1.06	0.49		0.02	0.0018	
7	PCB-178	42.13	1.05	0.20		0.02	0.0012	
7	PCB-179	39.35	1.04	0.35		0.02	0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10698693005
Lab File ID: P240821B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 12:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 00:08
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.35	1.05	1.5		0.04	0.0040	
7	PCB-181			ND		0.02	0.0015	
7	PCB-182			ND		0.02	0.0012	
7	PCB-183/185	43.71	1.02	0.48		0.04	0.0027	
7	PCB-184			ND		0.02	0.00062	
7	PCB-186			ND		0.02	0.0014	
7	PCB-187	43.07	1.04	0.96		0.02	0.0016	
7	PCB-188			ND		0.02	0.00070	
7	PCB-189	51.80	1.18	0.026		0.02	0.0011	
7	PCB-190	49.16	1.04	0.14		0.02	0.0015	
7	PCB-191	47.70	1.07	0.024		0.02	0.0014	
7	PCB-192			ND		0.02	0.0014	
8	PCB-194	53.93	0.91	0.32		0.02	0.0011	
8	PCB-195	51.56	0.89	0.15		0.02	0.0015	
8	PCB-196	50.00	0.88	0.17		0.02	0.0011	
8	PCB-197/200	46.48	0.89	0.061		0.04	0.0018	
8	PCB-198/199	49.35	0.90	0.36		0.04	0.0019	
8	PCB-201	45.47	0.91	0.043		0.02	0.00056	
8	PCB-202	44.52	0.90	0.069		0.02	0.0012	
8	PCB-203	50.22	0.85	0.22		0.02	0.00099	
8	PCB-204			ND		0.02	0.0011	
8	PCB-205			ND		0.02	0.0014	
9	PCB-206	56.17	0.84	0.080		0.02	0.0019	
9	PCB-207			ND		0.02	0.0013	
9	PCB-208			ND		0.02	0.0012	
10	PCB-209			ND		0.02	0.0069	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10698693005
Lab File ID: P240821B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 12:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 00:08
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.69	
Total TrCB	1.1	
Total TeCB	5.5	
Total PeCB	5.1	
Total HxCB	8.9	
Total HpCB	6.0	
Total OcCB	1.4	
Total NoCB	0.080	
DeCB	ND	
Total PCBs	29	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10698693006
Lab File ID: P240821B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 01:10
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114210

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.22	2.93	2.0	0.87	44
1	PCB-003L	13.05	3.08	2.0	1.0	52
2	PCB-004L	13.37	1.53	2.0	0.96	48
2	PCB-015L	20.49	1.60	2.0	1.3	66
3	PCB-019L	17.21	1.05	2.0	0.96	48
3	PCB-037L	28.32	1.09	2.0	1.6	78
4	PCB-054L	20.85	0.81	2.0	0.97	48
4	PCB-077L	36.04	0.81	2.0	1.6	79
4	PCB-081L	35.47	0.79	2.0	1.6	81
5	PCB-104L	27.00	1.57	2.0	1.4	70
5	PCB-105L	39.68	1.61	2.0	1.7	85
5	PCB-114L	39.03	1.61	2.0	1.7	87
5	PCB-118L	38.48	1.57	2.0	1.7	86
5	PCB-123L	38.12	1.60	2.0	1.8	89
5	PCB-126L	42.85	1.63	2.0	1.6	81
6	PCB-155L	33.09	1.25	2.0	1.9	94
6	PCB-156/157L	45.94	1.28	4.0	3.4	86
6	PCB-167L	44.75	1.31	2.0	1.8	89
6	PCB-169L	49.23	1.29	2.0	1.6	80
7	PCB-188L	39.01	1.04	2.0	2.8	138
7	PCB-189L	51.80	1.08	2.0	2.1	105
8	PCB-202L	44.52	0.88	2.0	2.2	112
8	PCB-205L	54.40	0.89	2.0	1.7	87
9	PCB-206L	56.15	0.81	2.0	1.6	78
9	PCB-208L	51.32	0.79	2.0	1.9	93
10	PCB-209L	57.81	0.70	2.0	1.5	73
Recovery Standards						
2	PCB-009L	15.85	1.59	2.0	2.8	N/A
4	PCB-052L	25.95	0.79	2.0	3.1	N/A
5	PCB-101L	33.29	1.58	2.0	2.7	N/A
6	PCB-138L	41.68	1.28	2.0	2.3	N/A
8	PCB-194L	53.93	0.90	2.0	1.5	N/A
Cleanup Standards						
3	PCB-028L	23.94	1.05	2.0	1.6	78
5	PCB-111L	36.09	1.60	2.0	1.6	79
7	PCB-178L	42.13	1.07	2.0	1.8	88

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10698693006
Lab File ID: P240821B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 01:10
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.02	0.0042	
1	PCB-002			ND		0.02	0.0043	
1	PCB-003			ND		0.02	0.0080	
2	PCB-004	13.38	1.54	0.66		0.02	0.0054	
2	PCB-005			ND		0.02	0.0058	
2	PCB-006			ND		0.02	0.0029	
2	PCB-007			ND		0.02	0.0028	
2	PCB-008	16.87	1.49	0.027		0.02	0.0057	
2	PCB-009			ND		0.02	0.0011	
2	PCB-010			ND		0.02	0.0013	
2	PCB-011			ND		0.23	0.062	
2	PCB-012/013			ND		0.04	0.0031	
2	PCB-014			ND		0.02	0.0011	
2	PCB-015	20.51	1.55	0.062		0.03	0.0062	
3	PCB-016			ND		0.02	0.0035	
3	PCB-017	19.94	1.05	0.11		0.02	0.0039	
3	PCB-018/030	19.45	1.02	0.095		0.04	0.0063	
3	PCB-019	17.23	1.07	0.52		0.02	0.0032	
3	PCB-020/028	23.96	1.09	0.14		0.12	0.0072	
3	PCB-021/033			ND		0.13	0.0059	
3	PCB-022			ND		0.09	0.0039	
3	PCB-023			ND		0.02	0.0012	
3	PCB-024			ND		0.02	0.0013	
3	PCB-025	23.29	1.06	0.065		0.02	0.0015	
3	PCB-026/029	23.01	1.07	0.072		0.04	0.0025	
3	PCB-027	20.18	1.06	0.086		0.02	0.0011	
3	PCB-031			ND		0.12	0.0087	
3	PCB-032	21.08	1.06	0.094		0.02	0.0029	
3	PCB-034			ND		0.02	0.0012	
3	PCB-035			ND		0.02	0.0012	
3	PCB-036			ND		0.02	0.0011	
3	PCB-037			ND		0.05	0.0029	
3	PCB-038			ND		0.02	0.0012	
3	PCB-039			ND		0.02	0.0015	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10698693006
Lab File ID: P240821B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 01:10
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.16	0.78	0.23		0.07	0.0049	
4	PCB-042	27.64	0.77	0.095		0.02	0.0026	
4	PCB-043/073	26.14	0.67	0.049		0.04	0.0024	
4	PCB-044/047/065	27.11	0.78	1.8		0.07	0.0069	
4	PCB-045/051	24.16	0.77	0.63		0.04	0.0036	
4	PCB-046	24.41	0.79	0.054		0.02	0.0016	
4	PCB-048			ND		0.02	0.0019	
4	PCB-069/049	26.51	0.80	0.99		0.04	0.0040	
4	PCB-050/053	23.31	0.78	0.71		0.04	0.0021	
4	PCB-052	25.97	0.78	0.68		0.12	0.014	
4	PCB-054	20.88	0.79	0.21		0.02	0.0011	
4	PCB-055			ND		0.02	0.0016	
4	PCB-056			ND		0.02	0.0037	
4	PCB-057			ND		0.02	0.0011	
4	PCB-058			ND		0.02	0.0014	
4	PCB-059/062/075			ND		0.07	0.0025	
4	PCB-060			ND		0.02	0.0020	
4	PCB-061/070/074/076	31.13	0.79	0.14		0.09	0.0086	
4	PCB-063			ND		0.02	0.00094	
4	PCB-064	28.40	0.76	0.044		0.02	0.0024	
4	PCB-066	31.48	0.77	0.15		0.05	0.0045	
4	PCB-067			ND		0.02	0.0013	
4	PCB-068	29.62	0.77	0.030		0.02	0.0012	
4	PCB-072			ND		0.02	0.00084	
4	PCB-077			ND		0.02	0.0014	
4	PCB-078			ND		0.02	0.0012	
4	PCB-079			ND		0.02	0.00084	
4	PCB-080			ND		0.02	0.0012	
4	PCB-081			ND		0.02	0.00080	
5	PCB-082	35.70	1.66	0.025		0.02	0.0014	
5	PCB-083	33.80	1.61	0.032		0.02	0.0012	
5	PCB-084	31.34	1.67	0.11		0.02	0.0025	
5	PCB-085/116/117	35.16	1.52	0.094		0.07	0.0033	
5	PCB-086/087/097/108/119/12	34.48	1.49	0.32		0.14	0.0063	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10698693006
Lab File ID: P240821B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 01:10
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.13	1.54	0.35		0.04	0.0019	
5	PCB-089			ND		0.02	0.0014	
5	PCB-090/101/113	33.32	1.57	1.1		0.07	0.0049	
5	PCB-092	32.69	1.52	0.33		0.02	0.0010	
5	PCB-093/098/100/102	30.48	1.61	0.24		0.09	0.0044	
5	PCB-094	29.73	1.58	0.073		0.02	0.00089	
5	PCB-095	30.20	1.54	0.76		0.06	0.0067	
5	PCB-096	27.41	1.54	0.036		0.02	0.00090	
5	PCB-099	33.94	1.56	0.44		0.02	0.0020	
5	PCB-103	29.52	1.47	0.10		0.02	0.00074	
5	PCB-104			ND		0.02	0.0014	
5	PCB-105	39.70	1.58	0.063		0.02	0.0031	
5	PCB-106			ND		0.02	0.0012	
5	PCB-107/124			ND		0.04	0.0021	
5	PCB-109	38.04	1.62	0.041		0.02	0.0015	
5	PCB-110/115	35.36	1.55	0.69		0.04	0.0054	
5	PCB-111			ND		0.02	0.00094	
5	PCB-112			ND		0.02	0.0015	
5	PCB-114			ND		0.02	0.0012	
5	PCB-118	38.49	1.56	0.27		0.03	0.0055	
5	PCB-120			ND		0.02	0.00092	
5	PCB-121			ND		0.02	0.0013	
5	PCB-122			ND		0.02	0.0013	
5	PCB-123			ND		0.02	0.0014	
5	PCB-126			ND		0.02	0.00076	
5	PCB-127			ND		0.02	0.0012	
6	PCB-128/166	43.00	1.22	0.11		0.04	0.0026	
6	PCB-129/138/163	41.71	1.23	1.7		0.07	0.0054	
6	PCB-130	41.04	1.19	0.093		0.02	0.0013	
6	PCB-131			ND		0.02	0.0016	
6	PCB-132	38.59	1.26	0.45		0.02	0.0018	
6	PCB-133	39.11	1.33	0.052		0.02	0.0011	
6	PCB-134/143	37.52	1.29	0.079		0.04	0.0029	
6	PCB-135/151	36.34	1.24	0.93		0.04	0.0032	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10698693006
Lab File ID: P240821B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 01:10
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.82	1.23	0.26		0.02	0.0016	
6	PCB-137			ND		0.02	0.0017	
6	PCB-139/140			ND		0.04	0.0022	
6	PCB-141	40.62	1.25	0.35		0.02	0.0021	
6	PCB-142			ND		0.02	0.0015	
6	PCB-144	36.93	1.20	0.079		0.02	0.00096	
6	PCB-145			ND		0.02	0.0011	
6	PCB-146	39.78	1.21	0.37		0.02	0.0013	
6	PCB-147/149	37.30	1.25	1.9		0.04	0.0041	
6	PCB-148			ND		0.02	0.0011	
6	PCB-150			ND		0.02	0.0011	
6	PCB-152			ND		0.02	0.00091	
6	PCB-153/168	40.42	1.26	1.8		0.04	0.0032	
6	PCB-154	36.62	1.19	0.059		0.02	0.0014	
6	PCB-155			ND		0.02	0.0012	
6	PCB-156/157	45.94	1.35	0.078		0.04	0.0018	
6	PCB-158	42.11	1.26	0.11		0.02	0.0013	
6	PCB-159	43.96	1.29	0.030		0.02	0.0012	
6	PCB-160			ND		0.02	0.0013	
6	PCB-161			ND		0.02	0.00066	
6	PCB-162			ND		0.02	0.0012	
6	PCB-164	41.38	1.22	0.13		0.02	0.0015	
6	PCB-165			ND		0.02	0.00078	
6	PCB-167	44.78	1.36	0.050		0.02	0.0017	
6	PCB-169			ND		0.02	0.0011	
7	PCB-170	48.64	1.03	0.52		0.02	0.0015	
7	PCB-171/173	45.05	0.99	0.17		0.04	0.0020	
7	PCB-172	46.70	1.04	0.12		0.02	0.0048	
7	PCB-174	43.96	1.02	0.69		0.02	0.0017	
7	PCB-175	42.82	1.15	0.027		0.02	0.0011	
7	PCB-176	40.29	1.07	0.090		0.02	0.00095	
7	PCB-177	44.40	1.03	0.42		0.02	0.0020	
7	PCB-178	42.16	1.06	0.19		0.02	0.0013	
7	PCB-179	39.38	1.02	0.33		0.02	0.0015	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10698693006
Lab File ID: P240821B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 01:10
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.37	1.03	1.3		0.04	0.0043	
7	PCB-181			ND		0.02	0.0016	
7	PCB-182			ND		0.02	0.0013	
7	PCB-183/185	43.75	1.08	0.44		0.04	0.0029	
7	PCB-184			ND		0.02	0.00067	
7	PCB-186			ND		0.02	0.0016	
7	PCB-187	43.09	1.08	0.87		0.02	0.0018	
7	PCB-188			ND		0.02	0.00076	
7	PCB-189			ND		0.02	0.0012	
7	PCB-190	49.19	1.10	0.12		0.02	0.0017	
7	PCB-191			ND		0.02	0.0015	
7	PCB-192			ND		0.02	0.0015	
8	PCB-194	53.95	0.89	0.28		0.02	0.0012	
8	PCB-195	51.58	0.89	0.13		0.02	0.0016	
8	PCB-196	50.03	0.92	0.15		0.02	0.0012	
8	PCB-197/200	46.50	0.91	0.059		0.04	0.0020	
8	PCB-198/199	49.36	0.85	0.33		0.04	0.0021	
8	PCB-201	45.49	0.90	0.040		0.02	0.00061	
8	PCB-202	44.53	0.93	0.066		0.02	0.0013	
8	PCB-203	50.23	0.88	0.20		0.02	0.0011	
8	PCB-204			ND		0.02	0.0012	
8	PCB-205			ND		0.02	0.0015	
9	PCB-206	56.19	0.86	0.074		0.02	0.0021	
9	PCB-207			ND		0.02	0.0014	
9	PCB-208			ND		0.02	0.0013	
10	PCB-209			ND		0.02	0.0075	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10698693006
Lab File ID: P240821B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 01:10
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.75	
Total TrCB	1.2	
Total TeCB	5.8	
Total PeCB	5.0	
Total HxCB	8.7	
Total HpCB	5.3	
Total OcCB	1.2	
Total NoCB	0.074	
DeCB	ND	
Total PCBs	28	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10698693007
Lab File ID: P240821B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 14:10
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 02:11
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114210

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.28	3.01	2.0	0.75	37
1	PCB-003L	13.08	3.19	2.0	0.91	46
2	PCB-004L	13.39	1.51	2.0	0.83	42
2	PCB-015L	20.50	1.58	2.0	1.2	59
3	PCB-019L	17.23	1.05	2.0	0.85	43
3	PCB-037L	28.30	1.06	2.0	1.5	74
4	PCB-054L	20.86	0.79	2.0	0.89	45
4	PCB-077L	36.04	0.79	2.0	1.5	76
4	PCB-081L	35.47	0.79	2.0	1.6	78
5	PCB-104L	27.00	1.56	2.0	1.1	55
5	PCB-105L	39.68	1.58	2.0	1.6	81
5	PCB-114L	39.03	1.60	2.0	1.6	81
5	PCB-118L	38.48	1.59	2.0	1.6	80
5	PCB-123L	38.12	1.61	2.0	1.6	81
5	PCB-126L	42.85	1.60	2.0	1.5	77
6	PCB-155L	33.07	1.27	2.0	1.5	74
6	PCB-156/157L	45.94	1.30	4.0	3.4	85
6	PCB-167L	44.77	1.32	2.0	1.7	86
6	PCB-169L	49.23	1.29	2.0	1.7	83
7	PCB-188L	39.01	1.04	2.0	2.2	111
7	PCB-189L	51.80	1.10	2.0	2.0	98
8	PCB-202L	44.52	0.91	2.0	1.9	95
8	PCB-205L	54.40	0.90	2.0	1.6	80
9	PCB-206L	56.17	0.80	2.0	1.4	71
9	PCB-208L	51.32	0.79	2.0	1.7	84
10	PCB-209L	57.81	0.69	2.0	1.3	65
Recovery Standards						
2	PCB-009L	15.87	1.57	2.0	3.0	N/A
4	PCB-052L	25.95	0.79	2.0	3.3	N/A
5	PCB-101L	33.29	1.59	2.0	2.8	N/A
6	PCB-138L	41.68	1.27	2.0	2.4	N/A
8	PCB-194L	53.93	0.90	2.0	1.8	N/A
Cleanup Standards						
3	PCB-028L	23.94	1.06	2.0	1.6	78
5	PCB-111L	36.09	1.60	2.0	1.5	75
7	PCB-178L	42.13	1.03	2.0	1.6	82

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10698693007
Lab File ID: P240821B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 14:10
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 02:11
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.29	3.23	0.11		0.02	0.0041	
1	PCB-002			ND		0.02	0.0042	
1	PCB-003			ND		0.02	0.0078	
2	PCB-004	13.41	1.55	2.7		0.02	0.0053	
2	PCB-005			ND		0.02	0.0056	
2	PCB-006	16.38	1.58	0.073		0.02	0.0029	
2	PCB-007			ND		0.02	0.0027	
2	PCB-008	16.90	1.57	0.11	U	0.02	0.0056	
2	PCB-009			ND		0.02	0.0011	
2	PCB-010	13.64	1.49	0.095		0.02	0.0013	
2	PCB-011			ND		0.23	0.061	
2	PCB-012/013			ND		0.04	0.0031	
2	PCB-014			ND		0.02	0.0011	
2	PCB-015	20.52	1.62	0.19		0.03	0.0060	
3	PCB-016	20.47	1.03	0.061		0.02	0.0034	
3	PCB-017	19.95	1.05	0.44		0.02	0.0038	
3	PCB-018/030	19.46	1.04	0.34		0.04	0.0062	
3	PCB-019	17.25	1.05	2.1		0.02	0.0032	
3	PCB-020/028	23.97	1.07	0.43		0.12	0.0070	
3	PCB-021/033			ND		0.13	0.0058	
3	PCB-022			ND		0.08	0.0038	
3	PCB-023			ND		0.02	0.0012	
3	PCB-024			ND		0.02	0.0013	
3	PCB-025	23.29	1.04	0.22		0.02	0.0015	
3	PCB-026/029	23.01	1.08	0.25		0.04	0.0024	
3	PCB-027	20.19	1.06	0.33		0.02	0.0010	
3	PCB-031	23.63	1.06	0.24		0.12	0.0085	
3	PCB-032	21.08	1.07	0.46		0.02	0.0028	
3	PCB-034			ND		0.02	0.0011	
3	PCB-035			ND		0.02	0.0012	
3	PCB-036			ND		0.02	0.0011	
3	PCB-037			ND		0.04	0.0028	
3	PCB-038			ND		0.02	0.0011	
3	PCB-039			ND		0.02	0.0015	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10698693007
Lab File ID: P240821B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 14:10
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 02:11
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.16	0.79	0.77		0.07	0.0048	
4	PCB-042	27.62	0.79	0.28		0.02	0.0025	
4	PCB-043/073	26.14	0.79	0.16		0.04	0.0023	
4	PCB-044/047/065	27.11	0.78	5.3		0.07	0.0068	
4	PCB-045/051	24.16	0.77	2.8		0.04	0.0035	
4	PCB-046	24.41	0.79	0.19		0.02	0.0016	
4	PCB-048			ND		0.02	0.0019	
4	PCB-069/049	26.51	0.77	2.9		0.04	0.0039	
4	PCB-050/053	23.31	0.78	2.6		0.04	0.0020	
4	PCB-052	25.97	0.78	1.9		0.12	0.014	
4	PCB-054	20.88	0.77	0.87		0.02	0.0011	
4	PCB-055			ND		0.02	0.0016	
4	PCB-056	32.18	0.83	0.038		0.02	0.0036	
4	PCB-057			ND		0.02	0.0011	
4	PCB-058			ND		0.02	0.0014	
4	PCB-059/062/075	27.47	0.82	0.10		0.07	0.0024	
4	PCB-060			ND		0.02	0.0020	
4	PCB-061/070/074/076	31.13	0.80	0.34		0.09	0.0084	
4	PCB-063	30.79	0.80	0.035		0.02	0.00091	
4	PCB-064	28.40	0.78	0.11		0.02	0.0023	
4	PCB-066	31.48	0.79	0.38		0.05	0.0044	
4	PCB-067			ND		0.02	0.0013	
4	PCB-068	29.61	0.79	0.079		0.02	0.0012	
4	PCB-072	29.30	0.81	0.051		0.02	0.00082	
4	PCB-077			ND		0.02	0.0014	
4	PCB-078			ND		0.02	0.0012	
4	PCB-079			ND		0.02	0.00082	
4	PCB-080			ND		0.02	0.0011	
4	PCB-081			ND		0.02	0.00078	
5	PCB-082	35.70	1.48	0.056		0.02	0.0014	
5	PCB-083	33.80	1.62	0.080		0.02	0.0012	
5	PCB-084	31.34	1.54	0.27		0.02	0.0024	
5	PCB-085/116/117	35.16	1.63	0.20		0.07	0.0032	
5	PCB-086/087/097/108/119/12	34.48	1.56	0.76		0.14	0.0062	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10698693007
Lab File ID: P240821B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 14:10
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 02:11
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.13	1.57	0.94		0.04	0.0019	
5	PCB-089			ND		0.02	0.0013	
5	PCB-090/101/113	33.31	1.55	2.4		0.07	0.0048	
5	PCB-092	32.69	1.56	0.72		0.02	0.0010	
5	PCB-093/098/100/102	30.46	1.55	0.70		0.09	0.0043	
5	PCB-094	29.73	1.61	0.21		0.02	0.00087	
5	PCB-095	30.20	1.56	1.8		0.06	0.0065	
5	PCB-096	27.41	1.53	0.11		0.02	0.00088	
5	PCB-099	33.93	1.56	0.98		0.02	0.0020	
5	PCB-103	29.50	1.55	0.26		0.02	0.00072	
5	PCB-104	27.02	1.54	0.070		0.02	0.0013	
5	PCB-105	39.70	1.59	0.13		0.02	0.0030	
5	PCB-106			ND		0.02	0.0012	
5	PCB-107/124			ND		0.04	0.0021	
5	PCB-109	38.02	1.56	0.088		0.02	0.0015	
5	PCB-110/115	35.36	1.60	1.5		0.04	0.0053	
5	PCB-111			ND		0.02	0.00092	
5	PCB-112			ND		0.02	0.0014	
5	PCB-114			ND		0.02	0.0012	
5	PCB-118	38.49	1.58	0.57		0.03	0.0054	
5	PCB-120			ND		0.02	0.00089	
5	PCB-121			ND		0.02	0.0012	
5	PCB-122			ND		0.02	0.0013	
5	PCB-123			ND		0.02	0.0014	
5	PCB-126			ND		0.02	0.00075	
5	PCB-127			ND		0.02	0.0012	
6	PCB-128/166	43.00	1.25	0.22		0.04	0.0025	
6	PCB-129/138/163	41.71	1.25	3.6		0.07	0.0052	
6	PCB-130	41.04	1.21	0.18		0.02	0.0013	
6	PCB-131			ND		0.02	0.0015	
6	PCB-132	38.59	1.27	1.0		0.02	0.0017	
6	PCB-133	39.11	1.28	0.11		0.02	0.0011	
6	PCB-134/143	37.50	1.25	0.18		0.04	0.0029	
6	PCB-135/151	36.34	1.24	2.0		0.04	0.0031	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10698693007
Lab File ID: P240821B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 14:10
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 02:11
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.82	1.24	0.59		0.02	0.0016	
6	PCB-137	41.28	1.23	0.069		0.02	0.0017	
6	PCB-139/140			ND		0.04	0.0022	
6	PCB-141	40.62	1.22	0.76		0.02	0.0021	
6	PCB-142			ND		0.02	0.0014	
6	PCB-144	36.93	1.25	0.18		0.02	0.00094	
6	PCB-145			ND		0.02	0.0011	
6	PCB-146	39.78	1.28	0.73		0.02	0.0013	
6	PCB-147/149	37.30	1.25	4.1		0.04	0.0040	
6	PCB-148	35.74	1.23	0.034		0.02	0.0011	
6	PCB-150	33.46	1.33	0.040		0.02	0.0011	
6	PCB-152	33.28	1.24	0.031		0.02	0.00089	
6	PCB-153/168	40.42	1.24	3.9		0.04	0.0031	
6	PCB-154	36.62	1.20	0.13		0.02	0.0014	
6	PCB-155			ND		0.02	0.0012	
6	PCB-156/157	45.94	1.27	0.16		0.04	0.0017	
6	PCB-158	42.11	1.27	0.24		0.02	0.0013	
6	PCB-159			ND		0.02	0.0012	
6	PCB-160			ND		0.02	0.0013	
6	PCB-161			ND		0.02	0.00065	
6	PCB-162			ND		0.02	0.0012	
6	PCB-164	41.38	1.23	0.25		0.02	0.0014	
6	PCB-165			ND		0.02	0.00076	
6	PCB-167	44.78	1.28	0.10		0.02	0.0017	
6	PCB-169			ND		0.02	0.0010	
7	PCB-170	48.64	1.06	1.2		0.02	0.0015	
7	PCB-171/173	45.05	1.02	0.37		0.04	0.0019	
7	PCB-172	46.70	1.06	0.24		0.02	0.0046	
7	PCB-174	43.96	1.06	1.4		0.02	0.0017	
7	PCB-175	42.82	1.04	0.056		0.02	0.0011	
7	PCB-176	40.29	1.02	0.18		0.02	0.00092	
7	PCB-177	44.42	1.05	0.88		0.02	0.0019	
7	PCB-178	42.16	1.03	0.37		0.02	0.0012	
7	PCB-179	39.36	1.04	0.69		0.02	0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10698693007
Lab File ID: P240821B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 14:10
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 02:11
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.37	1.04	2.8		0.04	0.0042	
7	PCB-181			ND		0.02	0.0015	
7	PCB-182			ND		0.02	0.0013	
7	PCB-183/185	43.75	1.06	0.93		0.04	0.0028	
7	PCB-184			ND		0.02	0.00065	
7	PCB-186			ND		0.02	0.0015	
7	PCB-187	43.09	1.02	1.8		0.02	0.0017	
7	PCB-188			ND		0.02	0.00074	
7	PCB-189	51.84	1.03	0.044		0.02	0.0012	
7	PCB-190	49.19	0.99	0.26		0.02	0.0016	
7	PCB-191	47.74	1.01	0.050		0.02	0.0015	
7	PCB-192			ND		0.02	0.0015	
8	PCB-194	53.95	0.89	0.60		0.02	0.0012	
8	PCB-195	51.58	0.90	0.28		0.02	0.0015	
8	PCB-196	50.03	0.91	0.33		0.02	0.0011	
8	PCB-197/200	46.51	0.90	0.12		0.04	0.0019	
8	PCB-198/199	49.36	0.88	0.66		0.04	0.0020	
8	PCB-201	45.49	0.86	0.086		0.02	0.00060	
8	PCB-202	44.53	0.92	0.13		0.02	0.0012	
8	PCB-203	50.23	0.91	0.42		0.02	0.0010	
8	PCB-204			ND		0.02	0.0012	
8	PCB-205	54.42	0.95	0.036		0.02	0.0014	
9	PCB-206	56.19	0.76	0.13		0.02	0.0021	
9	PCB-207			ND		0.02	0.0014	
9	PCB-208	51.34	0.71	0.029		0.02	0.0012	
10	PCB-209			ND		0.02	0.0073	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10698693007
Lab File ID: P240821B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 14:10
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 02:11
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.11	
Total DiCB	3.2	
Total TrCB	4.9	
Total TeCB	19	
Total PeCB	12	
Total HxCB	19	
Total HpCB	11	
Total OcCB	2.7	
Total NoCB	0.16	
DeCB	ND	
Total PCBs	72	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10698693008
Lab File ID: P240821B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 15:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 03:13
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114210

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.19	3.13	2.0	0.72	36
1	PCB-003L	13.04	3.16	2.0	0.87	43
2	PCB-004L	13.34	1.54	2.0	0.80	40
2	PCB-015L	20.50	1.57	2.0	1.1	53
3	PCB-019L	17.21	1.02	2.0	0.78	39
3	PCB-037L	28.32	1.08	2.0	1.4	69
4	PCB-054L	20.85	0.79	2.0	0.80	40
4	PCB-077L	36.06	0.79	2.0	1.4	69
4	PCB-081L	35.49	0.79	2.0	1.4	70
5	PCB-104L	27.01	1.58	2.0	0.99	49
5	PCB-105L	39.70	1.59	2.0	1.5	73
5	PCB-114L	39.05	1.62	2.0	1.4	72
5	PCB-118L	38.49	1.58	2.0	1.4	72
5	PCB-123L	38.14	1.58	2.0	1.5	73
5	PCB-126L	42.87	1.63	2.0	1.4	70
6	PCB-155L	33.09	1.26	2.0	1.4	72
6	PCB-156/157L	45.94	1.28	4.0	3.2	79
6	PCB-167L	44.77	1.28	2.0	1.6	82
6	PCB-169L	49.25	1.29	2.0	1.5	76
7	PCB-188L	39.03	1.05	2.0	2.2	112
7	PCB-189L	51.82	1.07	2.0	2.0	98
8	PCB-202L	44.52	0.88	2.0	2.0	100
8	PCB-205L	54.43	0.89	2.0	1.6	79
9	PCB-206L	56.17	0.81	2.0	1.4	71
9	PCB-208L	51.32	0.82	2.0	1.7	85
10	PCB-209L	57.81	0.71	2.0	1.3	66
Recovery Standards						
2	PCB-009L	15.84	1.58	2.0	3.3	N/A
4	PCB-052L	25.95	0.80	2.0	3.6	N/A
5	PCB-101L	33.31	1.58	2.0	3.1	N/A
6	PCB-138L	41.70	1.27	2.0	2.5	N/A
8	PCB-194L	53.93	0.91	2.0	1.8	N/A
Cleanup Standards						
3	PCB-028L	23.94	1.05	2.0	1.5	73
5	PCB-111L	36.11	1.56	2.0	1.4	69
7	PCB-178L	42.15	1.04	2.0	1.6	79

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10698693008
Lab File ID: P240821B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 15:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 03:13
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.21	3.13	0.15		0.02	0.0038	
1	PCB-002			ND		0.02	0.0039	
1	PCB-003	13.05	3.36	0.024		0.02	0.0072	
2	PCB-004	13.37	1.52	5.5		0.02	0.0048	
2	PCB-005			ND		0.02	0.0052	
2	PCB-006	16.34	1.63	0.14		0.02	0.0026	
2	PCB-007			ND		0.02	0.0025	
2	PCB-008	16.87	1.67	0.17		0.02	0.0051	
2	PCB-009			ND		0.02	0.0010	
2	PCB-010	13.59	1.56	0.19		0.02	0.0012	
2	PCB-011			ND		0.21	0.056	
2	PCB-012/013	20.13	1.50	0.070		0.04	0.0028	
2	PCB-014			ND		0.02	0.00098	
2	PCB-015	20.52	1.57	0.36		0.02	0.0055	
3	PCB-016	20.46	1.01	0.12		0.02	0.0031	
3	PCB-017	19.94	1.04	1.0		0.02	0.0035	
3	PCB-018/030	19.45	1.02	0.72		0.04	0.0057	
3	PCB-019	17.23	1.08	4.5		0.02	0.0029	
3	PCB-020/028	23.97	1.07	0.89		0.11	0.0064	
3	PCB-021/033	24.17	1.02	0.27		0.12	0.0053	
3	PCB-022	24.67	1.08	0.098		0.08	0.0035	
3	PCB-023			ND		0.02	0.0011	
3	PCB-024			ND		0.02	0.0012	
3	PCB-025	23.31	1.07	0.54		0.02	0.0014	
3	PCB-026/029	23.01	1.09	0.55		0.04	0.0022	
3	PCB-027	20.18	1.02	0.68		0.02	0.00096	
3	PCB-031	23.63	1.05	0.50		0.11	0.0078	
3	PCB-032	21.08	1.07	1.4		0.02	0.0026	
3	PCB-034			ND		0.02	0.0010	
3	PCB-035			ND		0.02	0.0011	
3	PCB-036			ND		0.02	0.0010	
3	PCB-037	28.35	1.09	0.061		0.04	0.0026	
3	PCB-038			ND		0.02	0.0011	
3	PCB-039			ND		0.02	0.0013	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10698693008
Lab File ID: P240821B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 15:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 03:13
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.18	0.78	1.7		0.06	0.0044	
4	PCB-042	27.64	0.77	0.59		0.02	0.0023	
4	PCB-043/073	26.14	0.79	0.32		0.04	0.0021	
4	PCB-044/047/065	27.13	0.78	11		0.06	0.0062	
4	PCB-045/051	24.16	0.76	7.6		0.04	0.0032	
4	PCB-046	24.41	0.79	0.44		0.02	0.0014	
4	PCB-048	26.83	0.83	0.023		0.02	0.0017	
4	PCB-069/049	26.53	0.77	6.4		0.04	0.0036	
4	PCB-050/053	23.32	0.78	5.9		0.04	0.0018	
4	PCB-052	25.98	0.78	3.8		0.11	0.013	
4	PCB-054	20.88	0.79	2.1		0.02	0.00098	
4	PCB-055			ND		0.02	0.0015	
4	PCB-056	32.19	0.77	0.063		0.02	0.0033	
4	PCB-057	30.07	0.74	0.022		0.02	0.00098	
4	PCB-058			ND		0.02	0.0013	
4	PCB-059/062/075	27.48	0.84	0.21		0.06	0.0022	
4	PCB-060			ND		0.02	0.0018	
4	PCB-061/070/074/076	31.14	0.79	0.61		0.08	0.0077	
4	PCB-063	30.80	0.78	0.066		0.02	0.00084	
4	PCB-064	28.41	0.77	0.19		0.02	0.0021	
4	PCB-066	31.50	0.79	0.71		0.05	0.0040	
4	PCB-067	30.49	0.70	0.038		0.02	0.0012	
4	PCB-068	29.63	0.81	0.16		0.02	0.0011	
4	PCB-072	29.32	0.82	0.10		0.02	0.00076	
4	PCB-077	36.08	0.84	0.025		0.02	0.0013	
4	PCB-078			ND		0.02	0.0011	
4	PCB-079	34.45	0.81	0.023		0.02	0.00076	
4	PCB-080			ND		0.02	0.0011	
4	PCB-081			ND		0.02	0.00072	
5	PCB-082	35.72	1.58	0.086		0.02	0.0013	
5	PCB-083	33.82	1.59	0.14		0.02	0.0011	
5	PCB-084	31.36	1.61	0.49		0.02	0.0022	
5	PCB-085/116/117	35.18	1.44	0.33		0.06	0.0030	
5	PCB-086/087/097/108/119/12	34.50	1.59	1.3		0.13	0.0057	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10698693008
Lab File ID: P240821B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 15:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 03:13
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.14	1.55	1.9		0.04	0.0017	
5	PCB-089			ND		0.02	0.0012	
5	PCB-090/101/113	33.32	1.57	4.2		0.06	0.0044	
5	PCB-092	32.70	1.54	1.4		0.02	0.00093	
5	PCB-093/098/100/102	30.48	1.61	1.4		0.08	0.0040	
5	PCB-094	29.75	1.54	0.44		0.02	0.00080	
5	PCB-095	30.21	1.57	3.4		0.06	0.0060	
5	PCB-096	27.41	1.55	0.26		0.02	0.00081	
5	PCB-099	33.94	1.56	1.7		0.02	0.0018	
5	PCB-103	29.52	1.58	0.56		0.02	0.00066	
5	PCB-104	27.04	1.52	0.17		0.02	0.0012	
5	PCB-105	39.72	1.56	0.18		0.02	0.0028	
5	PCB-106			ND		0.02	0.0011	
5	PCB-107/124	37.79	1.53	0.047		0.04	0.0019	
5	PCB-109	38.04	1.65	0.14		0.02	0.0014	
5	PCB-110/115	35.38	1.56	2.4		0.04	0.0049	
5	PCB-111			ND		0.02	0.00085	
5	PCB-112			ND		0.02	0.0013	
5	PCB-114			ND		0.02	0.0011	
5	PCB-118	38.51	1.61	0.83		0.03	0.0050	
5	PCB-120	36.62	1.60	0.035		0.02	0.00082	
5	PCB-121			ND		0.02	0.0011	
5	PCB-122			ND		0.02	0.0012	
5	PCB-123			ND		0.02	0.0013	
5	PCB-126			ND		0.02	0.00069	
5	PCB-127			ND		0.02	0.0011	
6	PCB-128/166	43.00	1.26	0.35		0.04	0.0023	
6	PCB-129/138/163	41.73	1.26	5.5		0.06	0.0048	
6	PCB-130	41.04	1.30	0.28		0.02	0.0012	
6	PCB-131	38.16	1.20	0.037		0.02	0.0014	
6	PCB-132	38.61	1.25	1.6		0.02	0.0016	
6	PCB-133	39.13	1.18	0.17		0.02	0.0010	
6	PCB-134/143	37.52	1.29	0.29		0.04	0.0026	
6	PCB-135/151	36.35	1.25	3.5		0.04	0.0029	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10698693008
Lab File ID: P240821B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 15:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 03:13
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.83	1.24	1.1		0.02	0.0015	
6	PCB-137	41.28	1.22	0.087		0.02	0.0016	
6	PCB-139/140	37.96	1.26	0.075		0.04	0.0020	
6	PCB-141	40.64	1.23	1.2		0.02	0.0019	
6	PCB-142			ND		0.02	0.0013	
6	PCB-144	36.94	1.25	0.32		0.02	0.00086	
6	PCB-145			ND		0.02	0.00098	
6	PCB-146	39.80	1.27	1.2		0.02	0.0012	
6	PCB-147/149	37.32	1.24	6.6		0.04	0.0037	
6	PCB-148	35.75	1.31	0.058		0.02	0.0010	
6	PCB-150	33.48	1.22	0.079		0.02	0.0010	
6	PCB-152	33.29	1.26	0.064		0.02	0.00082	
6	PCB-153/168	40.44	1.25	6.0		0.04	0.0029	
6	PCB-154	36.63	1.20	0.24		0.02	0.0013	
6	PCB-155			ND		0.02	0.0011	
6	PCB-156/157	45.96	1.28	0.25		0.04	0.0016	
6	PCB-158	42.13	1.27	0.38		0.02	0.0012	
6	PCB-159	44.01	1.22	0.036		0.02	0.0011	
6	PCB-160			ND		0.02	0.0012	
6	PCB-161			ND		0.02	0.00060	
6	PCB-162			ND		0.02	0.0011	
6	PCB-164	41.39	1.23	0.40		0.02	0.0013	
6	PCB-165			ND		0.02	0.00070	
6	PCB-167	44.80	1.29	0.16		0.02	0.0015	
6	PCB-169			ND		0.02	0.00096	
7	PCB-170	48.66	1.05	1.8		0.02	0.0014	
7	PCB-171/173	45.07	1.03	0.61		0.04	0.0018	
7	PCB-172	46.71	1.04	0.39		0.02	0.0043	
7	PCB-174	43.96	1.06	2.3		0.02	0.0015	
7	PCB-175	42.84	1.07	0.092		0.02	0.0010	
7	PCB-176	40.30	1.03	0.31		0.02	0.00085	
7	PCB-177	44.42	1.05	1.4		0.02	0.0018	
7	PCB-178	42.17	1.07	0.60		0.02	0.0011	
7	PCB-179	39.38	1.05	1.2		0.02	0.0013	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10698693008
Lab File ID: P240821B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 15:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 03:13
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.38	1.03	4.5		0.04	0.0039	
7	PCB-181			ND		0.02	0.0014	
7	PCB-182			ND		0.02	0.0012	
7	PCB-183/185	43.75	1.03	1.6		0.04	0.0026	
7	PCB-184			ND		0.02	0.00060	
7	PCB-186			ND		0.02	0.0014	
7	PCB-187	43.10	1.04	2.9		0.02	0.0016	
7	PCB-188			ND		0.02	0.00068	
7	PCB-189	51.84	1.03	0.070		0.02	0.0011	
7	PCB-190	49.21	1.06	0.40		0.02	0.0015	
7	PCB-191	47.74	1.09	0.076		0.02	0.0014	
7	PCB-192			ND		0.02	0.0014	
8	PCB-194	53.95	0.90	0.87		0.02	0.0011	
8	PCB-195	51.60	0.90	0.41		0.02	0.0014	
8	PCB-196	50.03	0.90	0.51		0.02	0.0011	
8	PCB-197/200	46.51	0.89	0.19		0.04	0.0018	
8	PCB-198/199	49.38	0.89	1.0		0.04	0.0019	
8	PCB-201	45.51	0.87	0.13		0.02	0.00055	
8	PCB-202	44.55	0.90	0.20		0.02	0.0011	
8	PCB-203	50.25	0.90	0.62		0.02	0.00096	
8	PCB-204			ND		0.02	0.0011	
8	PCB-205	54.45	0.96	0.056		0.02	0.0013	
9	PCB-206	56.19	0.84	0.21		0.02	0.0019	
9	PCB-207	52.31	0.73	0.029		0.02	0.0013	
9	PCB-208	51.37	0.75	0.039		0.02	0.0011	
10	PCB-209			ND		0.02	0.0067	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10698693008
Lab File ID: P240821B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 15:45
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 03:13
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.18	
Total DiCB	6.4	
Total TrCB	11	
Total TeCB	42	
Total PeCB	21	
Total HxCB	30	
Total HpCB	18	
Total OcCB	4.0	
Total NoCB	0.27	
DeCB	ND	
Total PCBs	130	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10698693010
Lab File ID: P240821B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 17:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 05:15
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114210

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.25	3.11	2.0	0.84	42
1	PCB-003L	13.07	3.14	2.0	1.0	51
2	PCB-004L	13.38	1.51	2.0	0.94	47
2	PCB-015L	20.51	1.61	2.0	1.3	66
3	PCB-019L	17.23	1.03	2.0	0.95	47
3	PCB-037L	28.34	1.08	2.0	1.7	83
4	PCB-054L	20.86	0.78	2.0	1.0	51
4	PCB-077L	36.06	0.79	2.0	1.6	79
4	PCB-081L	35.49	0.78	2.0	1.7	83
5	PCB-104L	27.02	1.57	2.0	1.4	71
5	PCB-105L	39.70	1.60	2.0	1.6	82
5	PCB-114L	39.05	1.60	2.0	1.7	84
5	PCB-118L	38.49	1.62	2.0	1.7	84
5	PCB-123L	38.16	1.59	2.0	1.7	85
5	PCB-126L	42.87	1.59	2.0	1.5	73
6	PCB-155L	33.11	1.27	2.0	2.1	104
6	PCB-156/157L	45.96	1.28	4.0	3.4	86
6	PCB-167L	44.79	1.29	2.0	1.8	88
6	PCB-169L	49.25	1.29	2.0	1.6	80
7	PCB-188L	39.05	1.05	2.0	3.0	148
7	PCB-189L	51.82	1.08	2.0	2.2	109
8	PCB-202L	44.53	0.91	2.0	2.4	120
8	PCB-205L	54.43	0.89	2.0	1.7	87
9	PCB-206L	56.19	0.81	2.0	1.5	77
9	PCB-208L	51.34	0.79	2.0	1.9	95
10	PCB-209L	57.83	0.69	2.0	1.4	71
Recovery Standards						
2	PCB-009L	15.86	1.58	2.0	3.0	N/A
4	PCB-052L	25.97	0.79	2.0	3.2	N/A
5	PCB-101L	33.31	1.59	2.0	2.9	N/A
6	PCB-138L	41.70	1.26	2.0	2.2	N/A
8	PCB-194L	53.95	0.90	2.0	1.4	N/A
Cleanup Standards						
3	PCB-028L	23.96	1.07	2.0	1.7	83
5	PCB-111L	36.12	1.58	2.0	1.6	78
7	PCB-178L	42.15	1.07	2.0	1.8	89

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10698693010
Lab File ID: P240821B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 17:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 05:15
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.27	3.19	0.11		0.02	0.0041	
1	PCB-002			ND		0.02	0.0042	
1	PCB-003			ND		0.02	0.0078	
2	PCB-004	13.40	1.57	7.9		0.02	0.0052	
2	PCB-005			ND		0.02	0.0056	
2	PCB-006	16.37	1.51	0.075		0.02	0.0028	
2	PCB-007			ND		0.02	0.0027	
2	PCB-008	16.90	1.55	0.089	U	0.02	0.0055	
2	PCB-009			ND		0.02	0.0011	
2	PCB-010	13.63	1.57	0.25		0.02	0.0012	
2	PCB-011			ND		0.23	0.060	
2	PCB-012/013	20.15	1.54	0.047		0.04	0.0030	
2	PCB-014			ND		0.02	0.0011	
2	PCB-015	20.53	1.59	0.24		0.03	0.0060	
3	PCB-016	20.47	1.04	0.059		0.02	0.0034	
3	PCB-017	19.96	1.03	0.82		0.02	0.0037	
3	PCB-018/030	19.46	1.04	0.43		0.04	0.0061	
3	PCB-019	17.25	1.06	6.0		0.02	0.0031	
3	PCB-020/028	23.99	1.04	0.21		0.12	0.0069	
3	PCB-021/033	24.17	1.06	0.13		0.12	0.0057	
3	PCB-022			ND		0.08	0.0038	
3	PCB-023			ND		0.02	0.0011	
3	PCB-024			ND		0.02	0.0013	
3	PCB-025	23.31	1.05	0.19		0.02	0.0015	
3	PCB-026/029	23.03	1.08	0.27		0.04	0.0024	
3	PCB-027	20.19	1.02	0.66		0.02	0.0010	
3	PCB-031	23.65	1.09	0.20		0.12	0.0084	
3	PCB-032	21.10	1.07	0.70		0.02	0.0028	
3	PCB-034			ND		0.02	0.0011	
3	PCB-035			ND		0.02	0.0011	
3	PCB-036			ND		0.02	0.0011	
3	PCB-037			ND		0.04	0.0028	
3	PCB-038			ND		0.02	0.0011	
3	PCB-039			ND		0.02	0.0015	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10698693010
Lab File ID: P240821B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 17:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 05:15
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.18	0.78	0.48		0.06	0.0047	
4	PCB-042	27.65	0.76	0.15		0.02	0.0025	
4	PCB-043/073	26.15	0.77	0.14		0.04	0.0023	
4	PCB-044/047/065	27.13	0.78	4.4		0.06	0.0067	
4	PCB-045/051	24.17	0.78	3.6		0.04	0.0035	
4	PCB-046	24.42	0.83	0.12		0.02	0.0016	
4	PCB-048			ND		0.02	0.0018	
4	PCB-069/049	26.53	0.78	2.6		0.04	0.0039	
4	PCB-050/053	23.32	0.78	2.6		0.04	0.0020	
4	PCB-052	25.98	0.77	2.2		0.12	0.014	
4	PCB-054	20.89	0.78	1.3		0.02	0.0011	
4	PCB-055			ND		0.02	0.0016	
4	PCB-056	32.19	0.83	0.028		0.02	0.0035	
4	PCB-057			ND		0.02	0.0011	
4	PCB-058			ND		0.02	0.0014	
4	PCB-059/062/075	27.48	0.77	0.094		0.06	0.0024	
4	PCB-060			ND		0.02	0.0019	
4	PCB-061/070/074/076	31.14	0.81	0.27		0.09	0.0083	
4	PCB-063			ND		0.02	0.00091	
4	PCB-064	28.41	0.80	0.091		0.02	0.0023	
4	PCB-066	31.50	0.78	0.22		0.05	0.0043	
4	PCB-067			ND		0.02	0.0013	
4	PCB-068	29.64	0.79	0.046		0.02	0.0012	
4	PCB-072	29.32	0.83	0.033		0.02	0.00081	
4	PCB-077			ND		0.02	0.0014	
4	PCB-078			ND		0.02	0.0012	
4	PCB-079			ND		0.02	0.00081	
4	PCB-080			ND		0.02	0.0011	
4	PCB-081			ND		0.02	0.00077	
5	PCB-082	35.72	1.55	0.052		0.02	0.0014	
5	PCB-083	33.82	1.36	0.055		0.02	0.0012	
5	PCB-084	31.36	1.54	0.25		0.02	0.0024	
5	PCB-085/116/117	35.19	1.65	0.17		0.06	0.0032	
5	PCB-086/087/097/108/119/12	34.51	1.58	0.67		0.14	0.0061	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10698693010
Lab File ID: P240821B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 17:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 05:15
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.14	1.56	0.70		0.04	0.0019	
5	PCB-089			ND		0.02	0.0013	
5	PCB-090/101/113	33.34	1.57	2.1		0.06	0.0047	
5	PCB-092	32.72	1.53	0.54		0.02	0.0010	
5	PCB-093/098/100/102	30.48	1.53	0.76		0.09	0.0043	
5	PCB-094	29.75	1.48	0.14		0.02	0.00086	
5	PCB-095	30.21	1.56	1.9		0.06	0.0065	
5	PCB-096	27.42	1.54	0.095		0.02	0.00087	
5	PCB-099	33.96	1.54	0.70		0.02	0.0019	
5	PCB-103	29.53	1.54	0.26		0.02	0.00071	
5	PCB-104	27.04	1.59	0.097		0.02	0.0013	
5	PCB-105	39.73	1.67	0.12		0.02	0.0030	
5	PCB-106			ND		0.02	0.0012	
5	PCB-107/124			ND		0.04	0.0021	
5	PCB-109	38.06	1.59	0.047		0.02	0.0015	
5	PCB-110/115	35.40	1.56	1.3		0.04	0.0053	
5	PCB-111			ND		0.02	0.00091	
5	PCB-112			ND		0.02	0.0014	
5	PCB-114			ND		0.02	0.0012	
5	PCB-118	38.53	1.60	0.43		0.03	0.0054	
5	PCB-120			ND		0.02	0.00089	
5	PCB-121			ND		0.02	0.0012	
5	PCB-122			ND		0.02	0.0013	
5	PCB-123			ND		0.02	0.0014	
5	PCB-126			ND		0.02	0.00074	
5	PCB-127			ND		0.02	0.0012	
6	PCB-128/166	43.02	1.25	0.16		0.04	0.0025	
6	PCB-129/138/163	41.73	1.27	2.7		0.06	0.0052	
6	PCB-130	41.06	1.30	0.11		0.02	0.0013	
6	PCB-131			ND		0.02	0.0015	
6	PCB-132	38.61	1.23	0.83		0.02	0.0017	
6	PCB-133	39.13	1.26	0.074		0.02	0.0011	
6	PCB-134/143	37.54	1.23	0.16		0.04	0.0028	
6	PCB-135/151	36.35	1.24	1.8		0.04	0.0031	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10698693010
Lab File ID: P240821B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 17:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 05:15
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.83	1.25	0.60		0.02	0.0016	
6	PCB-137	41.29	1.18	0.035		0.02	0.0017	
6	PCB-139/140			ND		0.04	0.0022	
6	PCB-141	40.64	1.25	0.64		0.02	0.0020	
6	PCB-142			ND		0.02	0.0014	
6	PCB-144	36.96	1.29	0.18		0.02	0.00093	
6	PCB-145			ND		0.02	0.0011	
6	PCB-146	39.82	1.24	0.50		0.02	0.0013	
6	PCB-147/149	37.32	1.25	3.6		0.04	0.0040	
6	PCB-148	35.75	1.19	0.032		0.02	0.0011	
6	PCB-150	33.48	1.26	0.039		0.02	0.0011	
6	PCB-152	33.31	1.22	0.028		0.02	0.00088	
6	PCB-153/168	40.45	1.25	2.9		0.04	0.0031	
6	PCB-154	36.65	1.25	0.11		0.02	0.0014	
6	PCB-155			ND		0.02	0.0012	
6	PCB-156/157	45.96	1.36	0.13		0.04	0.0017	
6	PCB-158	42.13	1.23	0.20		0.02	0.0013	
6	PCB-159	44.00	1.28	0.027		0.02	0.0011	
6	PCB-160			ND		0.02	0.0013	
6	PCB-161			ND		0.02	0.00064	
6	PCB-162			ND		0.02	0.0012	
6	PCB-164	41.39	1.21	0.20		0.02	0.0014	
6	PCB-165			ND		0.02	0.00075	
6	PCB-167	44.80	1.26	0.068		0.02	0.0017	
6	PCB-169			ND		0.02	0.0010	
7	PCB-170	48.68	1.08	0.79		0.02	0.0015	
7	PCB-171/173	45.07	1.06	0.29		0.04	0.0019	
7	PCB-172	46.71	1.04	0.17		0.02	0.0046	
7	PCB-174	43.98	1.03	1.1		0.02	0.0017	
7	PCB-175	42.84	1.05	0.045		0.02	0.0011	
7	PCB-176	40.30	0.98	0.16		0.02	0.00092	
7	PCB-177	44.43	1.06	0.68		0.02	0.0019	
7	PCB-178	42.18	1.05	0.30		0.02	0.0012	
7	PCB-179	39.40	1.05	0.61		0.02	0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10698693010
Lab File ID: P240821B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 17:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 05:15
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.38	1.06	2.1		0.04	0.0042	
7	PCB-181			ND		0.02	0.0015	
7	PCB-182			ND		0.02	0.0013	
7	PCB-183/185	43.76	1.04	0.76		0.04	0.0028	
7	PCB-184			ND		0.02	0.00065	
7	PCB-186			ND		0.02	0.0015	
7	PCB-187	43.12	1.06	1.4		0.02	0.0017	
7	PCB-188			ND		0.02	0.00073	
7	PCB-189	51.84	1.02	0.032		0.02	0.0012	
7	PCB-190	49.21	1.04	0.18		0.02	0.0016	
7	PCB-191	47.75	1.03	0.037		0.02	0.0015	
7	PCB-192			ND		0.02	0.0015	
8	PCB-194	53.97	0.93	0.41		0.02	0.0012	
8	PCB-195	51.60	0.93	0.19		0.02	0.0015	
8	PCB-196	50.05	0.92	0.24		0.02	0.0011	
8	PCB-197/200	46.53	0.93	0.091		0.04	0.0019	
8	PCB-198/199	49.38	0.85	0.49		0.04	0.0020	
8	PCB-201	45.51	0.87	0.070		0.02	0.00059	
8	PCB-202	44.57	0.91	0.10		0.02	0.0012	
8	PCB-203	50.25	0.85	0.30		0.02	0.0010	
8	PCB-204			ND		0.02	0.0012	
8	PCB-205	54.45	1.00	0.029		0.02	0.0014	
9	PCB-206	56.21	0.76	0.11		0.02	0.0020	
9	PCB-207			ND		0.02	0.0014	
9	PCB-208			ND		0.02	0.0012	
10	PCB-209			ND		0.02	0.0072	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10698693010
Lab File ID: P240821B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 06/26/2024 17:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 05:15
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.11	
Total DiCB	8.6	
Total TrCB	9.6	
Total TeCB	18	
Total PeCB	11	
Total HxCB	15	
Total HpCB	8.7	
Total OcCB	1.9	
Total NoCB	0.11	
DeCB	ND	
Total PCBs	73	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10698693011
Lab File ID: P240821B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 06/27/2024 15:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 06:17
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114210

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.26	3.08	2.0	0.67	33
1	PCB-003L	13.07	3.10	2.0	0.82	41
2	PCB-004L	13.39	1.54	2.0	0.74	37
2	PCB-015L	20.51	1.61	2.0	1.1	56
3	PCB-019L	17.23	1.04	2.0	0.79	39
3	PCB-037L	28.33	1.06	2.0	1.6	79
4	PCB-054L	20.86	0.79	2.0	0.90	45
4	PCB-077L	36.08	0.80	2.0	1.5	76
4	PCB-081L	35.49	0.79	2.0	1.6	82
5	PCB-104L	27.02	1.57	2.0	1.3	66
5	PCB-105L	39.70	1.62	2.0	1.6	78
5	PCB-114L	39.05	1.61	2.0	1.6	80
5	PCB-118L	38.49	1.62	2.0	1.6	78
5	PCB-123L	38.16	1.57	2.0	1.7	84
5	PCB-126L	42.87	1.62	2.0	1.4	71
6	PCB-155L	33.11	1.27	2.0	1.9	96
6	PCB-156/157L	45.96	1.27	4.0	3.4	85
6	PCB-167L	44.79	1.27	2.0	1.8	88
6	PCB-169L	49.25	1.31	2.0	1.6	78
7	PCB-188L	39.05	1.06	2.0	2.7	137
7	PCB-189L	51.82	1.06	2.0	2.1	106
8	PCB-202L	44.53	0.89	2.0	2.3	114
8	PCB-205L	54.43	0.88	2.0	1.7	85
9	PCB-206L	56.19	0.80	2.0	1.5	74
9	PCB-208L	51.34	0.79	2.0	1.8	91
10	PCB-209L	57.83	0.71	2.0	1.4	70
Recovery Standards						
2	PCB-009L	15.87	1.59	2.0	3.3	N/A
4	PCB-052L	25.97	0.79	2.0	3.5	N/A
5	PCB-101L	33.31	1.59	2.0	3.1	N/A
6	PCB-138L	41.69	1.27	2.0	2.4	N/A
8	PCB-194L	53.95	0.93	2.0	1.6	N/A
Cleanup Standards						
3	PCB-028L	23.96	1.07	2.0	1.5	76
5	PCB-111L	36.12	1.59	2.0	1.5	74
7	PCB-178L	42.15	1.07	2.0	1.7	83

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10698693011
Lab File ID: P240821B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 06/27/2024 15:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 06:17
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.27	3.33	0.072		0.02	0.0041	
1	PCB-002			ND		0.02	0.0041	
1	PCB-003			ND		0.02	0.0077	
2	PCB-004	13.40	1.54	9.0		0.02	0.0052	
2	PCB-005			ND		0.02	0.0056	
2	PCB-006	16.38	1.52	0.062		0.02	0.0028	
2	PCB-007			ND		0.02	0.0027	
2	PCB-008	16.90	1.66	0.070	U	0.02	0.0055	
2	PCB-009			ND		0.02	0.0011	
2	PCB-010	13.63	1.49	0.26		0.02	0.0012	
2	PCB-011			ND		0.23	0.060	
2	PCB-012/013	20.15	1.53	0.048		0.04	0.0030	
2	PCB-014			ND		0.02	0.0011	
2	PCB-015	20.53	1.62	0.23		0.03	0.0059	
3	PCB-016	20.48	1.07	0.059		0.02	0.0033	
3	PCB-017	19.96	1.00	0.76		0.02	0.0037	
3	PCB-018/030	19.47	1.03	0.41		0.04	0.0061	
3	PCB-019	17.25	1.06	5.9		0.02	0.0031	
3	PCB-020/028	23.99	1.08	0.19		0.12	0.0069	
3	PCB-021/033			ND		0.12	0.0057	
3	PCB-022			ND		0.08	0.0038	
3	PCB-023			ND		0.02	0.0011	
3	PCB-024			ND		0.02	0.0013	
3	PCB-025	23.31	1.04	0.17		0.02	0.0015	
3	PCB-026/029	23.03	1.07	0.28		0.04	0.0024	
3	PCB-027	20.20	1.04	0.67		0.02	0.0010	
3	PCB-031	23.65	1.13	0.18		0.12	0.0084	
3	PCB-032	21.10	1.07	0.52		0.02	0.0028	
3	PCB-034			ND		0.02	0.0011	
3	PCB-035			ND		0.02	0.0011	
3	PCB-036			ND		0.02	0.0011	
3	PCB-037			ND		0.04	0.0028	
3	PCB-038			ND		0.02	0.0011	
3	PCB-039			ND		0.02	0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10698693011
Lab File ID: P240821B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 06/27/2024 15:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 06:17
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.18	0.77	0.42		0.06	0.0047	
4	PCB-042	27.65	0.78	0.14		0.02	0.0025	
4	PCB-043/073	26.15	0.77	0.13		0.04	0.0023	
4	PCB-044/047/065	27.13	0.78	3.7		0.06	0.0067	
4	PCB-045/051	24.17	0.77	2.9		0.04	0.0034	
4	PCB-046	24.42	0.77	0.11		0.02	0.0016	
4	PCB-048			ND		0.02	0.0018	
4	PCB-069/049	26.52	0.78	2.4		0.04	0.0039	
4	PCB-050/053	23.32	0.78	2.2		0.04	0.0020	
4	PCB-052	25.98	0.78	2.3		0.12	0.014	
4	PCB-054	20.89	0.78	1.2		0.02	0.0011	
4	PCB-055			ND		0.02	0.0016	
4	PCB-056	32.19	0.79	0.030		0.02	0.0035	
4	PCB-057			ND		0.02	0.0011	
4	PCB-058			ND		0.02	0.0013	
4	PCB-059/062/075	27.48	0.78	0.086		0.06	0.0024	
4	PCB-060			ND		0.02	0.0019	
4	PCB-061/070/074/076	31.14	0.80	0.29		0.09	0.0083	
4	PCB-063			ND		0.02	0.00090	
4	PCB-064	28.41	0.79	0.097		0.02	0.0023	
4	PCB-066	31.50	0.80	0.22		0.05	0.0043	
4	PCB-067			ND		0.02	0.0013	
4	PCB-068	29.64	0.81	0.039		0.02	0.0011	
4	PCB-072	29.33	0.81	0.033		0.02	0.00081	
4	PCB-077			ND		0.02	0.0014	
4	PCB-078			ND		0.02	0.0012	
4	PCB-079			ND		0.02	0.00081	
4	PCB-080			ND		0.02	0.0011	
4	PCB-081			ND		0.02	0.00077	
5	PCB-082	35.72	1.65	0.062		0.02	0.0014	
5	PCB-083	33.82	1.54	0.060		0.02	0.0012	
5	PCB-084	31.36	1.59	0.28		0.02	0.0024	
5	PCB-085/116/117	35.19	1.67	0.18		0.06	0.0032	
5	PCB-086/087/097/108/119/12	34.51	1.54	0.70		0.14	0.0061	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10698693011
Lab File ID: P240821B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 06/27/2024 15:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 06:17
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.14	1.58	0.64		0.04	0.0019	
5	PCB-089			ND		0.02	0.0013	
5	PCB-090/101/113	33.34	1.54	2.4		0.06	0.0047	
5	PCB-092	32.72	1.57	0.55		0.02	0.0010	
5	PCB-093/098/100/102	30.48	1.57	0.70		0.09	0.0042	
5	PCB-094	29.75	1.50	0.12		0.02	0.00086	
5	PCB-095	30.21	1.60	2.1		0.06	0.0064	
5	PCB-096	27.42	1.48	0.083		0.02	0.00087	
5	PCB-099	33.96	1.57	0.72		0.02	0.0019	
5	PCB-103	29.52	1.55	0.25		0.02	0.00071	
5	PCB-104	27.04	1.48	0.087		0.02	0.0013	
5	PCB-105	39.73	1.55	0.14		0.02	0.0030	
5	PCB-106			ND		0.02	0.0012	
5	PCB-107/124			ND		0.04	0.0021	
5	PCB-109	38.06	1.53	0.051		0.02	0.0015	
5	PCB-110/115	35.40	1.62	1.5		0.04	0.0052	
5	PCB-111			ND		0.02	0.00091	
5	PCB-112			ND		0.02	0.0014	
5	PCB-114			ND		0.02	0.0012	
5	PCB-118	38.53	1.60	0.54		0.03	0.0053	
5	PCB-120			ND		0.02	0.00088	
5	PCB-121			ND		0.02	0.0012	
5	PCB-122			ND		0.02	0.0013	
5	PCB-123			ND		0.02	0.0014	
5	PCB-126			ND		0.02	0.00074	
5	PCB-127			ND		0.02	0.0012	
6	PCB-128/166	43.02	1.24	0.19		0.04	0.0025	
6	PCB-129/138/163	41.73	1.24	3.2		0.06	0.0052	
6	PCB-130	41.06	1.25	0.13		0.02	0.0013	
6	PCB-131	38.16	1.30	0.026		0.02	0.0015	
6	PCB-132	38.61	1.25	1.0		0.02	0.0017	
6	PCB-133	39.15	1.19	0.079		0.02	0.0011	
6	PCB-134/143	37.54	1.25	0.18		0.04	0.0028	
6	PCB-135/151	36.35	1.24	2.0		0.04	0.0031	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10698693011
Lab File ID: P240821B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 06/27/2024 15:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 06:17
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.83	1.24	0.70		0.02	0.0016	
6	PCB-137	41.29	1.23	0.039		0.02	0.0017	
6	PCB-139/140			ND		0.04	0.0022	
6	PCB-141	40.64	1.28	0.78		0.02	0.0020	
6	PCB-142			ND		0.02	0.0014	
6	PCB-144	36.96	1.28	0.22		0.02	0.00093	
6	PCB-145			ND		0.02	0.0011	
6	PCB-146	39.82	1.24	0.58		0.02	0.0013	
6	PCB-147/149	37.32	1.25	4.1		0.04	0.0039	
6	PCB-148	35.75	1.18	0.032		0.02	0.0011	
6	PCB-150	33.48	1.26	0.036		0.02	0.0011	
6	PCB-152	33.29	1.24	0.025		0.02	0.00087	
6	PCB-153/168	40.45	1.26	3.5		0.04	0.0031	
6	PCB-154	36.65	1.23	0.11		0.02	0.0014	
6	PCB-155			ND		0.02	0.0012	
6	PCB-156/157	45.96	1.27	0.16		0.04	0.0017	
6	PCB-158	42.13	1.24	0.24		0.02	0.0013	
6	PCB-159	44.00	1.34	0.039		0.02	0.0011	
6	PCB-160			ND		0.02	0.0013	
6	PCB-161			ND		0.02	0.00064	
6	PCB-162			ND		0.02	0.0011	
6	PCB-164	41.39	1.30	0.24		0.02	0.0014	
6	PCB-165			ND		0.02	0.00075	
6	PCB-167	44.80	1.26	0.081		0.02	0.0017	
6	PCB-169			ND		0.02	0.0010	
7	PCB-170	48.68	1.06	1.0		0.02	0.0015	
7	PCB-171/173	45.09	1.03	0.37		0.04	0.0019	
7	PCB-172	46.73	1.06	0.22		0.02	0.0046	
7	PCB-174	43.98	1.06	1.5		0.02	0.0017	
7	PCB-175	42.84	1.00	0.058		0.02	0.0011	
7	PCB-176	40.30	1.03	0.21		0.02	0.00091	
7	PCB-177	44.43	1.04	0.88		0.02	0.0019	
7	PCB-178	42.18	1.08	0.37		0.02	0.0012	
7	PCB-179	39.40	1.03	0.76		0.02	0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10698693011
Lab File ID: P240821B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 06/27/2024 15:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 06:17
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.40	1.05	2.7		0.04	0.0042	
7	PCB-181			ND		0.02	0.0015	
7	PCB-182			ND		0.02	0.0013	
7	PCB-183/185	43.76	1.03	0.98		0.04	0.0028	
7	PCB-184			ND		0.02	0.00065	
7	PCB-186			ND		0.02	0.0015	
7	PCB-187	43.12	1.04	1.8		0.02	0.0017	
7	PCB-188			ND		0.02	0.00073	
7	PCB-189	51.86	1.03	0.041		0.02	0.0011	
7	PCB-190	49.21	1.07	0.24		0.02	0.0016	
7	PCB-191	47.75	1.11	0.045		0.02	0.0015	
7	PCB-192			ND		0.02	0.0015	
8	PCB-194	53.97	0.90	0.54		0.02	0.0012	
8	PCB-195	51.62	0.91	0.26		0.02	0.0015	
8	PCB-196	50.05	0.91	0.33		0.02	0.0011	
8	PCB-197/200	46.53	0.92	0.12		0.04	0.0019	
8	PCB-198/199	49.38	0.87	0.63		0.04	0.0020	
8	PCB-201	45.51	0.87	0.089		0.02	0.00059	
8	PCB-202	44.57	0.87	0.13		0.02	0.0012	
8	PCB-203	50.25	0.89	0.39		0.02	0.0010	
8	PCB-204			ND		0.02	0.0012	
8	PCB-205	54.45	0.90	0.037		0.02	0.0014	
9	PCB-206	56.21	0.80	0.14		0.02	0.0020	
9	PCB-207			ND		0.02	0.0014	
9	PCB-208	51.37	0.70	0.028		0.02	0.0012	
10	PCB-209			ND		0.02	0.0072	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10698693011
Lab File ID: P240821B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 06/27/2024 15:00
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 06:17
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.072	
Total DiCB	9.7	
Total TrCB	9.2	
Total TeCB	16	
Total PeCB	11	
Total HxCB	18	
Total HpCB	11	
Total OcCB	2.5	
Total NoCB	0.17	
DeCB	ND	
Total PCBs	78	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Pomeray Avenue Bridge**
Lab Sample ID: 10698693012
Lab File ID: P240821B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 06/27/2024 18:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 07:18
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114210

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.29	3.10	2.0	0.75	37
1	PCB-003L	13.11	3.15	2.0	0.94	47
2	PCB-004L	13.41	1.55	2.0	0.85	42
2	PCB-015L	20.53	1.59	2.0	1.3	63
3	PCB-019L	17.25	1.03	2.0	0.93	46
3	PCB-037L	28.34	1.08	2.0	1.6	80
4	PCB-054L	20.88	0.79	2.0	1.1	55
4	PCB-077L	36.08	0.79	2.0	1.4	71
4	PCB-081L	35.51	0.80	2.0	1.5	77
5	PCB-104L	27.02	1.59	2.0	1.5	73
5	PCB-105L	39.72	1.60	2.0	1.5	73
5	PCB-114L	39.06	1.60	2.0	1.5	77
5	PCB-118L	38.51	1.62	2.0	1.5	76
5	PCB-123L	38.16	1.59	2.0	1.6	79
5	PCB-126L	42.89	1.59	2.0	1.3	65
6	PCB-155L	33.11	1.23	2.0	2.0	99
6	PCB-156/157L	45.98	1.30	4.0	3.1	78
6	PCB-167L	44.80	1.29	2.0	1.6	81
6	PCB-169L	49.26	1.29	2.0	1.4	70
7	PCB-188L	39.05	1.04	2.0	2.7	137
7	PCB-189L	51.84	1.08	2.0	2.0	99
8	PCB-202L	44.55	0.89	2.0	2.2	108
8	PCB-205L	54.45	0.90	2.0	1.6	79
9	PCB-206L	56.20	0.81	2.0	1.4	68
9	PCB-208L	51.37	0.81	2.0	1.7	86
10	PCB-209L	57.83	0.69	2.0	1.3	64
Recovery Standards						
2	PCB-009L	15.89	1.62	2.0	3.7	N/A
4	PCB-052L	25.97	0.78	2.0	3.8	N/A
5	PCB-101L	33.32	1.59	2.0	3.4	N/A
6	PCB-138L	41.71	1.26	2.0	2.6	N/A
8	PCB-194L	53.95	0.92	2.0	1.6	N/A
Cleanup Standards						
3	PCB-028L	23.97	1.07	2.0	1.4	71
5	PCB-111L	36.12	1.59	2.0	1.3	67
7	PCB-178L	42.17	1.06	2.0	1.6	78

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeray Avenue Bridge**
Lab Sample ID: 10698693012
Lab File ID: P240821B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 06/27/2024 18:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 07:18
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.02	0.0040	
1	PCB-002			ND		0.02	0.0040	
1	PCB-003			ND		0.02	0.0075	
2	PCB-004	13.43	1.52	8.4		0.02	0.0051	
2	PCB-005			ND		0.02	0.0054	
2	PCB-006			ND		0.02	0.0027	
2	PCB-007			ND		0.02	0.0026	
2	PCB-008			ND		0.02	0.0054	
2	PCB-009			ND		0.02	0.0011	
2	PCB-010	13.66	1.55	0.23		0.02	0.0012	
2	PCB-011			ND		0.22	0.058	
2	PCB-012/013			ND		0.04	0.0029	
2	PCB-014			ND		0.02	0.0010	
2	PCB-015	20.54	1.58	0.14		0.03	0.0058	
3	PCB-016	20.49	1.04	0.11		0.02	0.0033	
3	PCB-017	19.98	1.01	0.41		0.02	0.0036	
3	PCB-018/030	19.48	1.05	0.41		0.04	0.0059	
3	PCB-019	17.27	1.05	1.9		0.02	0.0030	
3	PCB-020/028			ND		0.12	0.0067	
3	PCB-021/033			ND		0.12	0.0056	
3	PCB-022			ND		0.08	0.0037	
3	PCB-023			ND		0.02	0.0011	
3	PCB-024			ND		0.02	0.0012	
3	PCB-025	23.32	1.09	0.054		0.02	0.0014	
3	PCB-026/029	23.05	1.06	0.16		0.04	0.0023	
3	PCB-027	20.21	1.05	0.41		0.02	0.0010	
3	PCB-031	23.66	1.08	0.12		0.12	0.0081	
3	PCB-032	21.11	1.09	0.17		0.02	0.0027	
3	PCB-034			ND		0.02	0.0011	
3	PCB-035			ND		0.02	0.0011	
3	PCB-036			ND		0.02	0.0010	
3	PCB-037			ND		0.04	0.0027	
3	PCB-038			ND		0.02	0.0011	
3	PCB-039			ND		0.02	0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeray Avenue Bridge**
Lab Sample ID: 10698693012
Lab File ID: P240821B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 06/27/2024 18:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 07:18
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.18	0.77	0.11		0.06	0.0046	
4	PCB-042	27.66	0.79	0.049		0.02	0.0024	
4	PCB-043/073			ND		0.04	0.0022	
4	PCB-044/047/065	27.11	0.77	0.50		0.06	0.0065	
4	PCB-045/051	24.17	0.76	0.25		0.04	0.0034	
4	PCB-046	24.44	0.75	0.045		0.02	0.0015	
4	PCB-048			ND		0.02	0.0018	
4	PCB-069/049	26.54	0.78	0.41		0.04	0.0038	
4	PCB-050/053	23.34	0.78	0.41		0.04	0.0019	
4	PCB-052	26.00	0.78	0.92		0.12	0.014	
4	PCB-054	20.91	0.78	0.12		0.02	0.0010	
4	PCB-055			ND		0.02	0.0015	
4	PCB-056			ND		0.02	0.0034	
4	PCB-057			ND		0.02	0.0010	
4	PCB-058			ND		0.02	0.0013	
4	PCB-059/062/075			ND		0.06	0.0023	
4	PCB-060			ND		0.02	0.0019	
4	PCB-061/070/074/076	31.16	0.78	0.13		0.09	0.0081	
4	PCB-063			ND		0.02	0.00088	
4	PCB-064	28.43	0.76	0.075		0.02	0.0022	
4	PCB-066	31.51	0.81	0.055		0.05	0.0042	
4	PCB-067			ND		0.02	0.0012	
4	PCB-068			ND		0.02	0.0011	
4	PCB-072			ND		0.02	0.00079	
4	PCB-077			ND		0.02	0.0014	
4	PCB-078			ND		0.02	0.0011	
4	PCB-079			ND		0.02	0.00079	
4	PCB-080			ND		0.02	0.0011	
4	PCB-081			ND		0.02	0.00075	
5	PCB-082			ND		0.02	0.0014	
5	PCB-083			ND		0.02	0.0012	
5	PCB-084	31.38	1.56	0.092		0.02	0.0023	
5	PCB-085/116/117			ND		0.06	0.0031	
5	PCB-086/087/097/108/119/12			ND		0.13	0.0059	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeray Avenue Bridge**
Lab Sample ID: 10698693012
Lab File ID: P240821B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 06/27/2024 18:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 07:18
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.16	1.62	0.057		0.04	0.0018	
5	PCB-089			ND		0.02	0.0013	
5	PCB-090/101/113	33.34	1.52	0.31	U	0.06	0.0046	
5	PCB-092	32.72	1.55	0.053		0.02	0.00097	
5	PCB-093/098/100/102			ND		0.09	0.0041	
5	PCB-094			ND		0.02	0.00083	
5	PCB-095	30.23	1.57	0.57		0.06	0.0063	
5	PCB-096			ND		0.02	0.00085	
5	PCB-099	33.96	1.60	0.078	U	0.02	0.0019	
5	PCB-103			ND		0.02	0.00069	
5	PCB-104			ND		0.02	0.0013	
5	PCB-105			ND		0.02	0.0029	
5	PCB-106			ND		0.02	0.0011	
5	PCB-107/124			ND		0.04	0.0020	
5	PCB-109			ND		0.02	0.0014	
5	PCB-110/115	35.40	1.55	0.21	U	0.04	0.0051	
5	PCB-111			ND		0.02	0.00088	
5	PCB-112			ND		0.02	0.0014	
5	PCB-114			ND		0.02	0.0011	
5	PCB-118	38.53	1.64	0.066		0.03	0.0052	
5	PCB-120			ND		0.02	0.00086	
5	PCB-121			ND		0.02	0.0012	
5	PCB-122			ND		0.02	0.0012	
5	PCB-123			ND		0.02	0.0013	
5	PCB-126			ND		0.02	0.00072	
5	PCB-127			ND		0.02	0.0011	
6	PCB-128/166			ND		0.04	0.0024	
6	PCB-129/138/163	41.75	1.25	0.18		0.06	0.0050	
6	PCB-130			ND		0.02	0.0012	
6	PCB-131			ND		0.02	0.0015	
6	PCB-132	38.63	1.26	0.064		0.02	0.0017	
6	PCB-133			ND		0.02	0.0011	
6	PCB-134/143			ND		0.04	0.0028	
6	PCB-135/151	36.37	1.28	0.12		0.04	0.0030	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeray Avenue Bridge**
Lab Sample ID: 10698693012
Lab File ID: P240821B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 06/27/2024 18:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 07:18
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.85	1.25	0.054		0.02	0.0015	
6	PCB-137			ND		0.02	0.0016	
6	PCB-139/140			ND		0.04	0.0021	
6	PCB-141	40.66	1.17	0.040		0.02	0.0020	
6	PCB-142			ND		0.02	0.0014	
6	PCB-144			ND		0.02	0.00090	
6	PCB-145			ND		0.02	0.0010	
6	PCB-146	39.82	1.18	0.032		0.02	0.0013	
6	PCB-147/149	37.34	1.26	0.24	U	0.04	0.0038	
6	PCB-148			ND		0.02	0.0010	
6	PCB-150			ND		0.02	0.0011	
6	PCB-152			ND		0.02	0.00085	
6	PCB-153/168	40.46	1.30	0.19		0.04	0.0030	
6	PCB-154			ND		0.02	0.0013	
6	PCB-155			ND		0.02	0.0012	
6	PCB-156/157			ND		0.04	0.0017	
6	PCB-158			ND		0.02	0.0012	
6	PCB-159			ND		0.02	0.0011	
6	PCB-160			ND		0.02	0.0013	
6	PCB-161			ND		0.02	0.00062	
6	PCB-162			ND		0.02	0.0011	
6	PCB-164			ND		0.02	0.0014	
6	PCB-165			ND		0.02	0.00073	
6	PCB-167			ND		0.02	0.0016	
6	PCB-169			ND		0.02	0.0010	
7	PCB-170	48.69	1.06	0.037		0.02	0.0014	
7	PCB-171/173			ND		0.04	0.0018	
7	PCB-172			ND		0.02	0.0045	
7	PCB-174	44.00	1.02	0.050		0.02	0.0016	
7	PCB-175			ND		0.02	0.0011	
7	PCB-176			ND		0.02	0.00089	
7	PCB-177	44.45	1.07	0.032		0.02	0.0018	
7	PCB-178			ND		0.02	0.0012	
7	PCB-179	39.40	1.05	0.027		0.02	0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeray Avenue Bridge**
Lab Sample ID: 10698693012
Lab File ID: P240821B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 06/27/2024 18:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 07:18
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.40	1.04	0.090		0.04	0.0041	
7	PCB-181			ND		0.02	0.0015	
7	PCB-182			ND		0.02	0.0012	
7	PCB-183/185			ND		0.04	0.0027	
7	PCB-184			ND		0.02	0.00063	
7	PCB-186			ND		0.02	0.0015	
7	PCB-187	43.12	1.05	0.065		0.02	0.0017	
7	PCB-188			ND		0.02	0.00071	
7	PCB-189			ND		0.02	0.0011	
7	PCB-190			ND		0.02	0.0016	
7	PCB-191			ND		0.02	0.0014	
7	PCB-192			ND		0.02	0.0014	
8	PCB-194			ND		0.02	0.0012	
8	PCB-195			ND		0.02	0.0015	
8	PCB-196			ND		0.02	0.0011	
8	PCB-197/200			ND		0.04	0.0019	
8	PCB-198/199			ND		0.04	0.0019	
8	PCB-201			ND		0.02	0.00057	
8	PCB-202			ND		0.02	0.0012	
8	PCB-203			ND		0.02	0.0010	
8	PCB-204			ND		0.02	0.0012	
8	PCB-205			ND		0.02	0.0014	
9	PCB-206			ND		0.02	0.0020	
9	PCB-207			ND		0.02	0.0013	
9	PCB-208			ND		0.02	0.0012	
10	PCB-209			ND		0.02	0.0070	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Pomeray Avenue Bridge**
Lab Sample ID: 10698693012
Lab File ID: P240821B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 06/27/2024 18:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 07:18
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	8.8	
Total TrCB	3.8	
Total TeCB	3.1	
Total PeCB	1.4	
Total HxCB	0.92	
Total HpCB	0.30	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	18	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10698693013
Lab File ID: P240821B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 08:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 08:19
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114210

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1830mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.26	3.13	2.0	0.54	27
1	PCB-003L	13.08	3.05	2.0	0.66	33
2	PCB-004L	13.39	1.53	2.0	0.60	30
2	PCB-015L	20.51	1.59	2.0	0.96	48
3	PCB-019L	17.23	1.02	2.0	0.65	32
3	PCB-037L	28.33	1.06	2.0	1.4	70
4	PCB-054L	20.86	0.80	2.0	0.77	38
4	PCB-077L	36.08	0.80	2.0	1.4	70
4	PCB-081L	35.49	0.79	2.0	1.5	73
5	PCB-104L	27.02	1.61	2.0	0.99	49
5	PCB-105L	39.70	1.63	2.0	1.5	73
5	PCB-114L	39.05	1.61	2.0	1.5	74
5	PCB-118L	38.49	1.60	2.0	1.5	75
5	PCB-123L	38.16	1.59	2.0	1.5	77
5	PCB-126L	42.87	1.60	2.0	1.3	64
6	PCB-155L	33.11	1.26	2.0	1.4	71
6	PCB-156/157L	45.96	1.28	4.0	3.1	77
6	PCB-167L	44.79	1.28	2.0	1.6	81
6	PCB-169L	49.26	1.29	2.0	1.3	67
7	PCB-188L	39.05	1.03	2.0	2.9	144
7	PCB-189L	51.84	1.09	2.0	2.1	106
8	PCB-202L	44.53	0.88	2.0	2.4	119
8	PCB-205L	54.43	0.91	2.0	1.6	81
9	PCB-206L	56.19	0.81	2.0	1.4	71
9	PCB-208L	51.34	0.80	2.0	1.8	90
10	PCB-209L	57.83	0.71	2.0	1.3	65
Recovery Standards						
2	PCB-009L	15.87	1.56	2.0	3.8	N/A
4	PCB-052L	25.97	0.79	2.0	3.8	N/A
5	PCB-101L	33.31	1.58	2.0	3.3	N/A
6	PCB-138L	41.70	1.28	2.0	2.4	N/A
8	PCB-194L	53.95	0.88	2.0	1.4	N/A
Cleanup Standards						
3	PCB-028L	23.96	1.06	2.0	1.5	74
5	PCB-111L	36.12	1.57	2.0	1.5	73
7	PCB-178L	42.16	1.07	2.0	1.6	82

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10698693013
Lab File ID: P240821B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 08:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 08:19
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1830mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.02	0.0039	
1	PCB-002			ND		0.02	0.0040	
1	PCB-003			ND		0.02	0.0074	
2	PCB-004	13.40	1.57	0.030		0.02	0.0049	
2	PCB-005			ND		0.02	0.0053	
2	PCB-006			ND		0.02	0.0027	
2	PCB-007			ND		0.02	0.0026	
2	PCB-008	16.90	1.63	0.023		0.02	0.0052	
2	PCB-009			ND		0.02	0.0010	
2	PCB-010			ND		0.02	0.0012	
2	PCB-011			ND		0.21	0.057	
2	PCB-012/013			ND		0.04	0.0029	
2	PCB-014			ND		0.02	0.0010	
2	PCB-015			ND		0.02	0.0056	
3	PCB-016			ND		0.02	0.0032	
3	PCB-017			ND		0.02	0.0035	
3	PCB-018/030			ND		0.04	0.0058	
3	PCB-019			ND		0.02	0.0030	
3	PCB-020/028			ND		0.11	0.0066	
3	PCB-021/033			ND		0.12	0.0054	
3	PCB-022			ND		0.08	0.0036	
3	PCB-023			ND		0.02	0.0011	
3	PCB-024			ND		0.02	0.0012	
3	PCB-025			ND		0.02	0.0014	
3	PCB-026/029			ND		0.04	0.0023	
3	PCB-027			ND		0.02	0.00098	
3	PCB-031			ND		0.11	0.0080	
3	PCB-032			ND		0.02	0.0027	
3	PCB-034			ND		0.02	0.0011	
3	PCB-035			ND		0.02	0.0011	
3	PCB-036			ND		0.02	0.0010	
3	PCB-037			ND		0.04	0.0026	
3	PCB-038			ND		0.02	0.0011	
3	PCB-039			ND		0.02	0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10698693013
Lab File ID: P240821B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 08:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 08:19
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1830mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.06	0.0045	
4	PCB-042			ND		0.02	0.0024	
4	PCB-043/073			ND		0.04	0.0022	
4	PCB-044/047/065			ND		0.06	0.0064	
4	PCB-045/051			ND		0.04	0.0033	
4	PCB-046			ND		0.02	0.0015	
4	PCB-048			ND		0.02	0.0017	
4	PCB-069/049			ND		0.04	0.0037	
4	PCB-050/053			ND		0.04	0.0019	
4	PCB-052			ND		0.11	0.013	
4	PCB-054			ND		0.02	0.0010	
4	PCB-055			ND		0.02	0.0015	
4	PCB-056			ND		0.02	0.0033	
4	PCB-057			ND		0.02	0.0010	
4	PCB-058			ND		0.02	0.0013	
4	PCB-059/062/075			ND		0.06	0.0023	
4	PCB-060			ND		0.02	0.0018	
4	PCB-061/070/074/076			ND		0.08	0.0079	
4	PCB-063			ND		0.02	0.00086	
4	PCB-064			ND		0.02	0.0022	
4	PCB-066			ND		0.05	0.0041	
4	PCB-067			ND		0.02	0.0012	
4	PCB-068			ND		0.02	0.0011	
4	PCB-072			ND		0.02	0.00077	
4	PCB-077			ND		0.02	0.0013	
4	PCB-078			ND		0.02	0.0011	
4	PCB-079			ND		0.02	0.00077	
4	PCB-080			ND		0.02	0.0011	
4	PCB-081			ND		0.02	0.00073	
5	PCB-082			ND		0.02	0.0013	
5	PCB-083			ND		0.02	0.0011	
5	PCB-084			ND		0.02	0.0023	
5	PCB-085/116/117			ND		0.06	0.0030	
5	PCB-086/087/097/108/119/12			ND		0.13	0.0058	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10698693013
Lab File ID: P240821B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 08:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 08:19
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1830mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.04	0.0018	
5	PCB-089			ND		0.02	0.0012	
5	PCB-090/101/113	33.34	1.53	0.067		0.06	0.0045	
5	PCB-092			ND		0.02	0.00095	
5	PCB-093/098/100/102			ND		0.08	0.0040	
5	PCB-094			ND		0.02	0.00082	
5	PCB-095	30.21	1.59	0.077		0.06	0.0061	
5	PCB-096			ND		0.02	0.00083	
5	PCB-099	33.96	1.68	0.022		0.02	0.0018	
5	PCB-103			ND		0.02	0.00068	
5	PCB-104			ND		0.02	0.0013	
5	PCB-105			ND		0.02	0.0028	
5	PCB-106			ND		0.02	0.0011	
5	PCB-107/124			ND		0.04	0.0020	
5	PCB-109			ND		0.02	0.0014	
5	PCB-110/115	35.40	1.61	0.059		0.04	0.0050	
5	PCB-111			ND		0.02	0.00086	
5	PCB-112			ND		0.02	0.0014	
5	PCB-114			ND		0.02	0.0011	
5	PCB-118			ND		0.03	0.0051	
5	PCB-120			ND		0.02	0.00084	
5	PCB-121			ND		0.02	0.0012	
5	PCB-122			ND		0.02	0.0012	
5	PCB-123			ND		0.02	0.0013	
5	PCB-126			ND		0.02	0.00070	
5	PCB-127			ND		0.02	0.0011	
6	PCB-128/166			ND		0.04	0.0024	
6	PCB-129/138/163			ND		0.06	0.0049	
6	PCB-130			ND		0.02	0.0012	
6	PCB-131			ND		0.02	0.0014	
6	PCB-132			ND		0.02	0.0016	
6	PCB-133			ND		0.02	0.0010	
6	PCB-134/143			ND		0.04	0.0027	
6	PCB-135/151			ND		0.04	0.0029	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10698693013
Lab File ID: P240821B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 08:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 08:19
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1830mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.02	0.0015	
6	PCB-137			ND		0.02	0.0016	
6	PCB-139/140			ND		0.04	0.0021	
6	PCB-141			ND		0.02	0.0019	
6	PCB-142			ND		0.02	0.0013	
6	PCB-144			ND		0.02	0.00088	
6	PCB-145			ND		0.02	0.0010	
6	PCB-146			ND		0.02	0.0012	
6	PCB-147/149	37.32	1.32	0.053		0.04	0.0038	
6	PCB-148			ND		0.02	0.0010	
6	PCB-150			ND		0.02	0.0010	
6	PCB-152			ND		0.02	0.00083	
6	PCB-153/168			ND		0.04	0.0029	
6	PCB-154			ND		0.02	0.0013	
6	PCB-155			ND		0.02	0.0011	
6	PCB-156/157			ND		0.04	0.0016	
6	PCB-158			ND		0.02	0.0012	
6	PCB-159			ND		0.02	0.0011	
6	PCB-160			ND		0.02	0.0012	
6	PCB-161			ND		0.02	0.00061	
6	PCB-162			ND		0.02	0.0011	
6	PCB-164			ND		0.02	0.0014	
6	PCB-165			ND		0.02	0.00071	
6	PCB-167			ND		0.02	0.0016	
6	PCB-169			ND		0.02	0.00098	
7	PCB-170			ND		0.02	0.0014	
7	PCB-171/173			ND		0.04	0.0018	
7	PCB-172			ND		0.02	0.0044	
7	PCB-174			ND		0.02	0.0016	
7	PCB-175			ND		0.02	0.0010	
7	PCB-176			ND		0.02	0.00087	
7	PCB-177			ND		0.02	0.0018	
7	PCB-178			ND		0.02	0.0011	
7	PCB-179			ND		0.02	0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10698693013
Lab File ID: P240821B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 08:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 08:19
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1830mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND		0.04	0.0040	
7	PCB-181			ND		0.02	0.0014	
7	PCB-182			ND		0.02	0.0012	
7	PCB-183/185			ND		0.04	0.0026	
7	PCB-184			ND		0.02	0.00062	
7	PCB-186			ND		0.02	0.0014	
7	PCB-187			ND		0.02	0.0016	
7	PCB-188			ND		0.02	0.00069	
7	PCB-189			ND		0.02	0.0011	
7	PCB-190			ND		0.02	0.0015	
7	PCB-191			ND		0.02	0.0014	
7	PCB-192			ND		0.02	0.0014	
8	PCB-194			ND		0.02	0.0011	
8	PCB-195			ND		0.02	0.0014	
8	PCB-196			ND		0.02	0.0011	
8	PCB-197/200			ND		0.04	0.0018	
8	PCB-198/199			ND		0.04	0.0019	
8	PCB-201			ND		0.02	0.00056	
8	PCB-202			ND		0.02	0.0012	
8	PCB-203			ND		0.02	0.00098	
8	PCB-204			ND		0.02	0.0011	
8	PCB-205			ND		0.02	0.0014	
9	PCB-206			ND		0.02	0.0019	
9	PCB-207			ND		0.02	0.0013	
9	PCB-208			ND		0.02	0.0012	
10	PCB-209			ND		0.02	0.0069	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10698693013
Lab File ID: P240821B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 06/25/2024 08:30
Date Received: 07/02/2024 09:50
Date Extracted: 08/12/2024 14:00
Date Analyzed: 08/22/2024 08:19
Method Blank ID: BLANK-114208
Lab Spike ID(s): LCS-114209/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1830mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240821B02
CCal File(s): P240821B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.053	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	0.22	
Total HxCB	0.053	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	0.33	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

General Electric Company

Data Validation Report

Baseline Surface Water Monitoring
Housatonic River – Rest of River
Pittsfield, Massachusetts

Polychlorinated Biphenyl (PCB) Congeners and Total Suspended Solids (TSS) Analyses

SDGs # 10701502, 10702026, and 10702066

Tier I Level Data Review

Analyses Performed By:
Pace Analytical Services, Inc,
Minneapolis, Minnesota
And
Pace Analytical Services, Melville, New York

Report # 61021R
Project: 30299972.3000

Table of Contents

1 Summary 1
1.1 Analytical Data Package Documentation 2
1.2 Data Validation Procedures 3
2 Polychlorinated Biphenyl Congener Analyses 5
2.1 Holding Times 5
2.2 Field Duplicate Analysis 5
2.3 Data Validation Checklist for PCB Congeners 6
3 General Chemistry Analyses 7
3.1 Holding Times 7
3.2 Field Duplicate Analysis 7
3.3 Data Validation Checklist for General Chemistry 7
4 Overall Data Usability 8

Tables

Table 1. Summary of Samples Subjected to Tier I Data Validation 1
Table 2. Evaluation of Data Package Completeness 2
Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation 4
Table 4. Holding Time for USEPA Method 1668C 5
Table 5. Summary of Field Duplicate Analysis 5
Table 6. Data Validation Checklist for Polychlorinated Biphenyls 6
Table 7. Specified Holding Time 7
Table 8. Summary of Field Duplicate Analysis 7
Table 9. Data Validation Checklist for General Chemistry 7
Table 10. Overall Summary of Data Usability 8

Appendices

Appendix A Chain of Custody
Appendix B Annotated Sample Analysis Data Sheets

1 Summary

This attachment summarizes the data validation review of Sample Delivery Groups (SDGs) 10701502, 10702026 and 10702066 performed on behalf of the General Electric Company (GE) for surface water sampling activities conducted as part of the Baseline Monitoring at the GE-Pittsfield/Housatonic River Site. The review was conducted at a Tier I level and included review of data package completeness. Field documentation was not included in this review. Included with this assessment are the chain-of-custody forms (Appendix A) and the validation annotated sample analysis data sheets (Appendix B). Analyses were performed on the samples listed in Table 1.

Table 1. Summary of Samples Subjected to Tier I Data Validation

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
10701502	DERBY DAM_20240723	10701502001	Water	7/23/2024			X
	STEVENSON DAM_20240723	10701502002	Water	7/23/2024			X
	SHEPAUG DAM_20240723	10701502003	Water	7/23/2024			X
	RT. 202 BRIDGE_20240723	10701502004	Water	7/23/2024			X
	RT. 341 BRIDGE_20240724	10701502005	Water	7/24/2024			X
	CANAAN TOWN LINE BRIDGE_20240724	10701502006	Water	7/24/2024			X
	FALLS VILLAGE DAM_20240724	10701502007	Water	7/24/2024			X
	RANNAPO RED BRIDGE_20240724	10701502008	Water	7/24/2024			X
	RISING POND DAM_20240725	10701502009	Water	7/25/2024			X
	HR-D1_20240725	10701502010	Water	7/25/2024	RISING POND DAM_20240725		X
10702026	DERBY DAM_20240723	10702026001	Water	7/23/2024		X	
	STEVENSON DAM_20240723	10702026002	Water	7/23/2024		X	
	SHEPAUG DAM_20240723	10702026003	Water	7/23/2024		X	
	RT. 202 BRIDGE_20240723	10702026004	Water	7/23/2024		X	
	RT. 341 BRIDGE_20240724	10702026005	Water	7/24/2024		X	
	CANAAN TOWN LINE BRIDGE_20240724	10702026006	Water	7/24/2024		X	
	FALLS VILLAGE DAM_20240724	10702026007	Water	7/24/2024		X	
	RANNAPO RED BRIDGE_20240724	10702026008	Water	7/24/2024		X	
	RISING POND DAM_20240725	10702026009	Water	7/25/2024		X	
	HR-D1_20240725	10702026010	Water	7/25/2024	RISING POND DAM_20240725	X	
	OLD PLEASANT STREET BRIDGE_20240725	10702026011	Water	7/25/2024		X	
	WOODS POND DAM_20240725	10702026012	Water	7/25/2024		X	

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
	NEW LENOX RD BRIDGE_20240726	10702026014	Water	7/26/2024		X	
	NEAR PITTSFIELD WWTP_20240726	10702026015	Water	7/26/2024		X	
	POMEROY AVENUE BRIDGE_20240726	10702026016	Water	7/26/2024		X	
	HR-EB1_20240724	10702026017	Water	7/24/2024		X	
10702066	OLD PLEASANT STREET BRIDGE_20240725	10702066001	Water	7/25/2024			X
	WOODS POND DAM_20240725	10702066002	Water	7/25/2024			X
	NEW LENOX RD BRIDGE_20240726	10702066003	Water	7/26/2024			X
	NEAR PITTSFIELD WWTP_20240726	10702066004	Water	7/26/2024			X
	POMEROY AVENUE BRIDGE_20240726	10702066005	Water	7/26/2024			X

Notes:
PCB = Polychlorinated Biphenyl Congeners
TSS = Total suspended solids

1.1 Analytical Data Package Documentation

The table below is the evaluation of the data package completeness.

Table 2. Evaluation of Data Package Completeness

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

Note:
QA = Quality Assurance

1.2 Data Validation Procedures

Analyses were performed according to United States Environmental Protection Agency (EPA) SW-846 Method 1668C, and Standard Method 2540D. Data were reviewed in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan – GE-Pittsfield/Housatonic River Site (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, prepared by Arcadis (Revised December 21, 2023);
- EPA Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (July 1996, revised December 1996) (EPA Region I Guidelines);
- EPA National Functional Guidelines for High Resolution Superfund Methods Data Review OLEM 9240.1-65EPA, 542-R-20-007 (November 2020); and
- Second Revised Baseline Monitoring Plan, Housatonic River – Rest of River, General Electric Company, Pittsfield, Massachusetts, prepared by Anchor QEA (January 2023).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers:
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers:
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
  - JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
  - UB Compound considered non-detect at the listed value due to associated blank contamination.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

R The sample results are rejected.

Two facts should be noted by all data users. First, the “R” flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. “R” values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Section 7.5 of the revised FSP/QAPP states that all analytical data will be validated to a Tier I level following the procedures presented in the EPA Region I Guidelines. The Tier I review consisted of a completeness evidence audit, as outlined in the EPA Region I CSF Completeness Evidence Audit Program (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the EPA Region I Tier I data completeness requirements.

Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the number of sample analyses subject to Tier I data review is presented in the following table.

Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	14	1	1	0	0	0	16
TSS	14	1	0	0	0	0	15

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in EPA Region I Guidelines. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. The annotated sample analysis data sheets attached to this validation report (Appendix B) reflect any added data qualifiers.

2 Polychlorinated Biphenyl Congener Analyses

2.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 4. Holding Time for USEPA Method 1668C

Method	Matrix	Holding Time	Preservation
USEPA Method 1668C	Water	One year from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria.

2.2 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In an instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 5. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
RISING POND DAM/ HR-D1_20240725	PCB-110/115	0.678	0.756	AC
	PCB-129/138/163	1.66	2.05	AC
	PCB-132	0.42	0.486	AC
	PCB-135/151	0.943	1.04	AC
	PCB-141	0.307	0.347	AC
	PCB-146	0.37	0.442	AC
	PCB-147/149	1.81	2.05	AC
	PCB-153/168	1.77	2.04	AC
	PCB-170	0.503	0.657	AC
	PCB-174	0.637	0.795	AC
	PCB-177	0.409	0.507	AC
	PCB-179	0.315	0.364	AC
	PCB-180/193	1.22	1.57	AC
	PCB-187	0.869	1.1	AC
	PCB-19	0.384	0.46	AC
	PCB-4	0.418	0.494	AC
	PCB-44/47/65	1.54	1.55	AC
	PCB-49/69	0.881	0.894	AC

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
	PCB-50/53	0.571	0.598 U	AC
	PCB-90/101/113	0.979	1.03	AC
	PCB-92	0.317	0.335	AC
	PCB-95	0.671	0.653	AC
	PCB-99	0.439	0.449	AC

Notes:
AC = Acceptable
The calculated RPDs between the parent sample and field duplicate were acceptable.

2.3 Data Validation Checklist for PCB Congeners

Table 6. Data Validation Checklist for Polychlorinated Biphenyls

PCB Congeners; EPA1668C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
HIGH RESOLUTION GAS CHROMATOGRAPHY/HIGH RESOLUTION MASS SPECTROMETRY (HRGC/HRMS)					
Tier I Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks		X		X	
Field/Lab Duplicate (RPD)		X		X	
Dilution Factor		X		X	
Moisture Content	X				X
Ion abundance criteria for each instrument used		X		X	
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%RPD = Relative percent difference
%R = Percent recovery

When the laboratory case narrative outlines a quality issue and/or the laboratory applies qualifiers that exhibit potential QC issues beyond Tier I it will be added to the checklist above and the usability of the data will be addressed.

3 General Chemistry Analyses

3.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 7. Specified Holding Time

Method	Matrix	Holding Time	Preservation
Total Suspended Solids (TSS) by SM2540D	Water	7 days from collection to analysis	Cool to <6 °C.

All samples were analyzed within the specified holding time criteria.

3.2 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 8. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Analyte	Sample Result	Duplicate Result	RPD
RISING POND DAM/ HR-D1_20240725	TSS	2.7	2.6	AC

Notes:
AC = Acceptable
The calculated RPDs between the parent sample and field duplicate were acceptable.

3.3 Data Validation Checklist for General Chemistry

Table 9. Data Validation Checklist for General Chemistry

General Chemistry: SM2540D	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Miscellaneous Instrumentation					
Tier I Validation					
Holding Times		X		X	
Reporting limits (units)		X		X	
Field/Lab Duplicate (RPD)		X		X	
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%R = Percent recovery
RPD = Relative percent difference

4 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under Tier I data validation review. The percent usability calculation also includes quality control samples (i.e., field/equipment blanks, trip blanks, and field duplicates) to aid in the evaluation of data usability. Data usability is summarized in the following table.

Table 10. Overall Summary of Data Usability

Parameter	Percent Usability	Rejected Data
PCBs	100%	0
TSS	100%	0

The data package completeness, as determined from the Tier I data review was used to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses (discussed in this report) to provide a measure of compliance of the analytical data with the Data Quality Objectives specified in the FSP/QAPP.

VALIDATION PERFORMED BY: Andrew Korycinski

SIGNATURE:

DATE: September 18, 2025

PEER REVIEW: Joseph C. Houser

DATE: September 18, 2025

Appendix A

Chain of Custody

Internal Transfer Chain of Custody

10701502

☐ Rush Multiplier_____X
☐ Samples Pre-Logged into eCOC

State Of Origin: MA
Cert. Needed: ☐ Yes ☐ No

Workorder: 10701502 Workorder Name: Housatonic River BMP

Owner Received Date: 7/26/2024 Results Requested By: 8/9/2024

Report To	Subcontract To
Carolynne Trout Pace Analytical Minnesota 1700 Elm Street Minneapolis, MN 55414 Phone 1(612)607-6351	Pace Analytical Melville 575 Broad Hollow Road Melville, NY 11747 Phone (631)694-3040

WO# : 70306575
70306575

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	Preserved Containers: Unpreserved	Requested Analysis: Low Level Total Suspended Solids	LAB USE ONLY
1	Derby Dam	PS	7/23/2024 13:00	10701502001	Water	1	X	
2	Stevenson Dam	PS	7/23/2024 14:15	10701502002	Water	1	X	
3	Shepaug Dam	PS	7/23/2024 16:00	10701502003	Water	1	X	
4	Rt. 202 Bridge	PS	7/23/2024 17:45	10701502004	Water	1	X	
5	Rt. 341 Bridge	PS	7/24/2024 14:15	10701502005	Water	1	X	
6	Canaan Town Line Bridge	PS	7/24/2024 16:30	10701502006	Water	1	X	
7	Falls Village Dam	PS	7/24/2024 12:45	10701502007	Water	1	X	
8	Rannapo Red Bridge	PS	7/24/2024 17:50	10701502008	Water	1	X	
9	Rising Pond Dam	PS	7/25/2024 13:20	10701502009	Water	1	X	
10	HR-D1	PS	7/25/2024 00:00	10701502010	Water	1	X	

Transfers	Released By	Date/Time	Received By	Date/Time
1	Byd P-LL	7/26/24, 9:	Byd P-LL	7/26/24, 9:29
2	LL 7/26			
3				

Comments
L4 package
Use 1 full Liter for TSS!

Cooler Temperature on Receipt 4.6 °C | Custody Seal Y or (N) | Received on Ice (Y) or N | Samples Intact (Y) or N

***In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document.
This chain of custody is considered complete as is since this information is available in the owner laboratory.

1070115O2

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Arcadis
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202

Contact/Report To: Dave Knutsen
Phone #: 315-671-9374
E-Mail: David.Knutsen@Arcadis.com
Cc E-Mail:

Customer Project #: 3022 4932.3000
Project Name: Housatonic River BMP
Site Collection Info/Facility ID (as applicable): Housatonic River

Invoice to: Arcadis, Inc
Invoice E-mail: accountspayable.administration@arcadis.com
Purchase Order # (if applicable):
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET

County / State origin of sample(s): Pittsfield, MA

Data Deliverables:
[ ] Level II [ ] Level III [Y] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc) as applicable:
Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
Date Results Requested:

DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 1
Identify Container Preservative Type***: 1
Analysis Requested: TSS Low Level Solids

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 5mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 45643

Preservation non-conformance identified for sample

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	Sample Comment
Derby Dam	SW		7/23/24	13:00			1			X
Stevenson Dam	SW		7/23/24	14:15			1			X
Shepaug Dam	SW		7/23/24	16:00			1			X
Rt. 202 Bridge	SW		7/23/24	17:45			1			X
Rt. 341 Bridge	SW		7/24/24	14:15			1			X
Gaylord Town Line Bridge	SW		7/24/24	16:30			1			X
Falls Village Dam	SW		7/24/24	12:45			1			X
Ravenpo Rd Bridge	SW		7/24/24	17:50			1			X
Rising Pond Dam	SW		7/24/24	13:20			1			X
HR-D1	SW		7/24/24	—			1			X

Additional Instructions from Pace®:
Short Hold Time
Refer to contract

Collected By (Printed Name): Penelope Rabusco
Signature: Penelope T. Rabusco

Customer Remarks / Special Conditions / Possible Hazards:
Please use entire sample for analysis.

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C): | Corrected Temp (°C): | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Penelope T. Rabusco / Arcadis	7/25/24 17:30			
Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time:	Page: of

Signing a sample chain of custody constitutes acceptance of the Pace Terms and Conditions found at http://www.pacelabs.com/resource-library/terms-and-conditions

ENV-FRM-CORQ-0019_v02_110123 ©

Report No.: 10702026

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 10702026

10702026

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30224932.3000	Invoice to: Arcadis U.S., Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accountspayable.administration@arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [✓] ET	County / State origin of sample(s): Pittsfield, MA

Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 1

Identify Container Preservative Type***: 1

Analysis Requested: PCB 1668

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 45643

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	Sample Comment	Preservation non-conformance identified for sample.
Derby Dam	WT		7/23/24	13:00			4			001	
Stevenson Dam	WT		7/23/24	14:15			4			002	
Shepaug Dam	WT		7/23/24	16:00			4			003	
Rt. 202 Bridge	WT		7/23/24	17:45			4			004	
Rt. 341 Bridge	WT		7/24/24	14:15			4			005	
Canaan Town Line Bridge	WT		7/24/24	16:30			4			006	
Falls Village Dam	WT		7/24/24	12:45			4			007	
Rannapo Rd Bridge	WT		7/24/24	17:50			4			008	
Rising Pond Dam	WT		7/25/24	13:20			4			009	
HR-D1	WT		7/25/24	—			4			010	

Additional instructions from Pace®: Refer to contract

Collected By: Printed Name: Penelope Rabasco

Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: Refer to contract

Coolers: 1 | Thermometer ID: T4 | Correction Factor (°C): 0.0 | Obs. Temp. (°C): | Corrected Temp. (°C): | [ ] On Ice: Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Penelope T. Rabasco/Arcadis	07/29/24 17:30	[illegible]/PACE	7/30/24 9:30	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 2

Page 7 of 1031

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Temps: 3.2, 2.9, 0.9, 0.2, 0.1, 0.7, 1.7, 1.6, 3.4

Report No.....10702026_1668A_L4_dft

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30224932.3000	Invoice to: Arcadis U.S., Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accountspayable.administration@arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [✓] ET	County / State origin of sample(s): Pittsfield, MA

Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	PCB 1668	Sample Comment
Old Pleasant Street Bridge	WT		07/25/24	15:15			4			X	011
Woods Pond Dam	WT		07/25/24	16:15			4			X	012
Woods Pond Dam (Lab Dup)	WT		07/25/24	16:15			4			X	013
New Lenox Rd Bridge	WT		07/26/24	14:15			4			X	014
Near Pittsfield WWTP	WT		07/26/24	15:45			4			X	015
Pomeroy Avenue Bridge	WT		07/26/24	17:20			4			X	016
HR-EB1	WT		07/24/24	10:00			4			X	017

Specify Container Size ** : 1

Identify Container Preservative Type*** : 1

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 45643

Preservation non-conformance identified for sample.

Additional Instructions from Pace® :

Collected By: Printed Name: Penelope Rabasco Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: Refer to contract

Coolers: 9 | Thermometer ID: T4 | Correction Factor (°C): Tmc | Obs. Temp. (°C): | Corrected Temp. (°C): | [ ] On Ice: Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Rabasco / Arcadis	07/29/24 17:30	[illegible]/PACE	7/30/24 9:30
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Temps: 3.2, 2.9, 0.9, 0.2, 0.1, 0.7, 1.7, 1.6, 3.4

Appendix B

Annotated Sample Analysis Data Sheets

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Housatonic River BMP
Pace Project No.: 10701502

Sample: Derby Dam **Lab ID: 10701502001** Collected: 07/23/24 13:00 Received: 07/26/24 09:29 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		07/29/24 15:43		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Housatonic River BMP
Pace Project No.: 10701502

Sample: Stevenson Dam **Lab ID: 10701502002** Collected: 07/23/24 14:15 Received: 07/26/24 09:29 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		07/29/24 15:43		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Housatonic River BMP
Pace Project No.: 10701502

Sample: Shepaug Dam **Lab ID: 10701502003** Collected: 07/23/24 16:00 Received: 07/26/24 09:29 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		07/29/24 15:43		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Housatonic River BMP
Pace Project No.: 10701502

Sample: Rt. 202 Bridge **Lab ID: 10701502004** Collected: 07/23/24 17:45 Received: 07/26/24 09:29 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		07/29/24 15:43		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Housatonic River BMP
Pace Project No.: 10701502

Sample: Rt. 341 Bridge **Lab ID: 10701502005** Collected: 07/24/24 14:15 Received: 07/26/24 09:29 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		07/29/24 15:44		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Housatonic River BMP
Pace Project No.: 10701502

Sample: Canean Town Line Bridge **Lab ID: 10701502006** Collected: 07/24/24 16:30 Received: 07/26/24 09:29 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		07/29/24 15:44		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Housatonic River BMP
Pace Project No.: 10701502

Sample: Falls Village Dam **Lab ID: 10701502007** Collected: 07/24/24 12:45 Received: 07/26/24 09:29 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.6**	mg/L	2.5	1		07/29/24 15:44		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Housatonic River BMP
Pace Project No.: 10701502

Sample: Rannapo Red Bridge **Lab ID: 10701502008** Collected: 07/24/24 17:50 Received: 07/26/24 09:29 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**3.5**	mg/L	2.5	1		07/29/24 15:44		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Housatonic River BMP
Pace Project No.: 10701502

Sample: Rising Pond Dam **Lab ID: 10701502009** Collected: 07/25/24 13:20 Received: 07/26/24 09:29 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.7**	mg/L	2.5	1		07/29/24 15:44		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: Housatonic River BMP
Pace Project No.: 10701502

Sample: HR-D1 **Lab ID: 10701502010** Collected: 07/25/24 00:00 Received: 07/26/24 09:29 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.6**	mg/L	2.5	1		07/29/24 15:44		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **Derby Dam**
Lab Sample ID: 10702026001
Lab File ID: P240823A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 13:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 19:26
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114316

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.22	3.10	2.0	1.00	50
1	PCB-003L	13.07	3.17	2.0	1.1	57
2	PCB-004L	13.38	1.51	2.0	1.1	54
2	PCB-015L	20.52	1.60	2.0	1.4	70
3	PCB-019L	17.23	1.07	2.0	1.1	54
3	PCB-037L	28.36	1.08	2.0	1.6	79
4	PCB-054L	20.88	0.80	2.0	1.1	54
4	PCB-077L	36.10	0.80	2.0	1.7	85
4	PCB-081L	35.52	0.78	2.0	1.7	84
5	PCB-104L	27.03	1.57	2.0	1.4	68
5	PCB-105L	39.73	1.59	2.0	1.7	84
5	PCB-114L	39.08	1.63	2.0	1.6	81
5	PCB-118L	38.51	1.60	2.0	1.6	80
5	PCB-123L	38.17	1.58	2.0	1.6	81
5	PCB-126L	42.90	1.59	2.0	1.8	89
6	PCB-155L	33.10	1.24	2.0	1.6	82
6	PCB-156/157L	45.97	1.30	4.0	3.3	82
6	PCB-167L	44.80	1.29	2.0	1.7	84
6	PCB-169L	49.28	1.30	2.0	1.7	86
7	PCB-188L	39.04	1.04	2.0	1.8	88
7	PCB-189L	51.84	1.08	2.0	1.8	89
8	PCB-202L	44.53	0.87	2.0	1.7	86
8	PCB-205L	54.44	0.90	2.0	1.7	83
9	PCB-206L	56.19	0.79	2.0	1.6	80
9	PCB-208L	51.34	0.78	2.0	1.7	86
10	PCB-209L	57.83	0.71	2.0	1.6	79
Recovery Standards						
2	PCB-009L	15.86	1.61	2.0	2.3	N/A
4	PCB-052L	25.98	0.78	2.0	2.3	N/A
5	PCB-101L	33.32	1.58	2.0	2.2	N/A
6	PCB-138L	41.71	1.25	2.0	2.2	N/A
8	PCB-194L	53.95	0.92	2.0	2.0	N/A
Cleanup Standards						
3	PCB-028L	23.97	1.07	2.0	1.6	78
5	PCB-111L	36.13	1.58	2.0	1.6	82
7	PCB-178L	42.16	1.05	2.0	1.8	91

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Derby Dam**
Lab Sample ID: 10702026001
Lab File ID: P240823A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 13:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 19:26
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND			0.0042	
1	PCB-002			ND			0.0043	
1	PCB-003			ND			0.0080	
2	PCB-004			ND			0.0054	
2	PCB-005			ND			0.0057	
2	PCB-006			ND			0.0029	
2	PCB-007			ND			0.0028	
2	PCB-008			ND			0.0057	
2	PCB-009			ND			0.0011	
2	PCB-010			ND			0.0013	
2	PCB-011			ND			0.062	
2	PCB-012/013			ND			0.0031	
2	PCB-014			ND			0.0011	
2	PCB-015			ND			0.0061	
3	PCB-016			ND			0.0034	
3	PCB-017			ND			0.0038	
3	PCB-018/030			ND			0.0063	
3	PCB-019			ND			0.0032	
3	PCB-020/028			ND			0.0071	
3	PCB-021/033			ND			0.0059	
3	PCB-022			ND			0.0039	
3	PCB-023			ND			0.0012	
3	PCB-024			ND			0.0013	
3	PCB-025			ND			0.0015	
3	PCB-026/029			ND			0.0025	
3	PCB-027			ND			0.0011	
3	PCB-031			ND			0.0086	
3	PCB-032			ND			0.0029	
3	PCB-034			ND			0.0012	
3	PCB-035			ND			0.0012	
3	PCB-036			ND			0.0011	
3	PCB-037			ND			0.0029	
3	PCB-038			ND			0.0012	
3	PCB-039			ND			0.0015	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Derby Dam**
Lab Sample ID: 10702026001
Lab File ID: P240823A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 13:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 19:26
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND			0.0049	
4	PCB-042			ND			0.0026	
4	PCB-043/073			ND			0.0023	
4	PCB-044/047/065			ND			0.0069	
4	PCB-045/051			ND			0.0036	
4	PCB-046			ND			0.0016	
4	PCB-048			ND			0.0019	
4	PCB-069/049			ND			0.0040	
4	PCB-050/053			ND			0.0020	
4	PCB-052			ND			0.014	
4	PCB-054			ND			0.0011	
4	PCB-055			ND			0.0016	
4	PCB-056			ND			0.0036	
4	PCB-057			ND			0.0011	
4	PCB-058			ND			0.0014	
4	PCB-059/062/075			ND			0.0024	
4	PCB-060			ND			0.0020	
4	PCB-061/070/074/076			ND			0.0086	
4	PCB-063			ND			0.00093	
4	PCB-064			ND			0.0023	
4	PCB-066			ND			0.0045	
4	PCB-067			ND			0.0013	
4	PCB-068			ND			0.0012	
4	PCB-072			ND			0.00084	
4	PCB-077			ND			0.0014	
4	PCB-078			ND			0.0012	
4	PCB-079			ND			0.00084	
4	PCB-080			ND			0.0012	
4	PCB-081			ND			0.00079	
5	PCB-082			ND			0.0014	
5	PCB-083			ND			0.0012	
5	PCB-084			ND			0.0025	
5	PCB-085/116/117			ND			0.0033	
5	PCB-086/087/097/108/119/12			ND			0.0063	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Derby Dam**
Lab Sample ID: 10702026001
Lab File ID: P240823A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 13:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 19:26
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND			0.0019	
5	PCB-089			ND			0.0014	
5	PCB-090/101/113			ND			0.0048	
5	PCB-092			ND			0.0010	
5	PCB-093/098/100/102			ND			0.0044	
5	PCB-094			ND			0.00088	
5	PCB-095			ND			0.0066	
5	PCB-096			ND			0.00090	
5	PCB-099			ND			0.0020	
5	PCB-103			ND			0.00073	
5	PCB-104			ND			0.0014	
5	PCB-105			ND			0.0030	
5	PCB-106			ND			0.0012	
5	PCB-107/124			ND			0.0021	
5	PCB-109			ND			0.0015	
5	PCB-110/115			ND			0.0054	
5	PCB-111			ND			0.00093	
5	PCB-112			ND			0.0015	
5	PCB-114			ND			0.0012	
5	PCB-118			ND			0.0055	
5	PCB-120			ND			0.00091	
5	PCB-121			ND			0.0013	
5	PCB-122			ND			0.0013	
5	PCB-123			ND			0.0014	
5	PCB-126			ND			0.00076	
5	PCB-127			ND			0.0012	
6	PCB-128/166			ND			0.0026	
6	PCB-129/138/163			ND			0.0053	
6	PCB-130			ND			0.0013	
6	PCB-131			ND			0.0016	
6	PCB-132			ND			0.0018	
6	PCB-133			ND			0.0011	
6	PCB-134/143			ND			0.0029	
6	PCB-135/151			ND			0.0032	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Derby Dam**
Lab Sample ID: 10702026001
Lab File ID: P240823A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 13:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 19:26
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND			0.0016	
6	PCB-137			ND			0.0017	
6	PCB-139/140			ND			0.0022	
6	PCB-141			ND			0.0021	
6	PCB-142			ND			0.0015	
6	PCB-144			ND			0.00096	
6	PCB-145			ND			0.0011	
6	PCB-146			ND			0.0013	
6	PCB-147/149			ND			0.0041	
6	PCB-148			ND			0.0011	
6	PCB-150			ND			0.0011	
6	PCB-152			ND			0.00090	
6	PCB-153/168			ND			0.0032	
6	PCB-154			ND			0.0014	
6	PCB-155			ND			0.0012	
6	PCB-156/157			ND			0.0018	
6	PCB-158			ND			0.0013	
6	PCB-159			ND			0.0012	
6	PCB-160			ND			0.0013	
6	PCB-161			ND			0.00066	
6	PCB-162			ND			0.0012	
6	PCB-164			ND			0.0015	
6	PCB-165			ND			0.00077	
6	PCB-167			ND			0.0017	
6	PCB-169			ND			0.0011	
7	PCB-170			ND			0.0015	
7	PCB-171/173			ND			0.0020	
7	PCB-172			ND			0.0047	
7	PCB-174			ND			0.0017	
7	PCB-175			ND			0.0011	
7	PCB-176			ND			0.00094	
7	PCB-177			ND			0.0019	
7	PCB-178			ND			0.0012	
7	PCB-179			ND			0.0015	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Derby Dam**
Lab Sample ID: 10702026001
Lab File ID: P240823A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 13:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 19:26
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND			0.0043	
7	PCB-181			ND			0.0016	
7	PCB-182			ND			0.0013	
7	PCB-183/185			ND			0.0029	
7	PCB-184			ND			0.00067	
7	PCB-186			ND			0.0016	
7	PCB-187			ND			0.0018	
7	PCB-188			ND			0.00075	
7	PCB-189			ND			0.0012	
7	PCB-190			ND			0.0016	
7	PCB-191			ND			0.0015	
7	PCB-192			ND			0.0015	
8	PCB-194			ND			0.0012	
8	PCB-195			ND			0.0016	
8	PCB-196			ND			0.0012	
8	PCB-197/200			ND			0.0020	
8	PCB-198/199			ND			0.0021	
8	PCB-201			ND			0.00061	
8	PCB-202			ND			0.0013	
8	PCB-203			ND			0.0011	
8	PCB-204			ND			0.0012	
8	PCB-205			ND			0.0015	
9	PCB-206			ND			0.0021	
9	PCB-207			ND			0.0014	
9	PCB-208			ND			0.0013	
10	PCB-209			ND			0.0074	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **Derby Dam**
Lab Sample ID: 10702026001
Lab File ID: P240823A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 13:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 19:26
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	ND	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	ND	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	ND	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10702026002
Lab File ID: P240823A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 20:27
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114316

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.34	3.08	2.0	1.0	52
1	PCB-003L	13.14	3.14	2.0	1.2	61
2	PCB-004L	13.46	1.54	2.0	1.2	58
2	PCB-015L	20.55	1.59	2.0	1.4	70
3	PCB-019L	17.28	1.01	2.0	1.1	56
3	PCB-037L	28.36	1.06	2.0	1.6	80
4	PCB-054L	20.91	0.79	2.0	1.1	57
4	PCB-077L	36.10	0.80	2.0	1.8	88
4	PCB-081L	35.53	0.81	2.0	1.8	88
5	PCB-104L	27.03	1.56	2.0	1.4	72
5	PCB-105L	39.73	1.61	2.0	1.7	84
5	PCB-114L	39.08	1.62	2.0	1.7	83
5	PCB-118L	38.52	1.63	2.0	1.7	84
5	PCB-123L	38.19	1.56	2.0	1.7	83
5	PCB-126L	42.92	1.63	2.0	1.9	93
6	PCB-155L	33.12	1.26	2.0	1.7	83
6	PCB-156/157L	45.99	1.29	4.0	3.5	88
6	PCB-167L	44.80	1.30	2.0	1.8	88
6	PCB-169L	49.28	1.30	2.0	1.8	89
7	PCB-188L	39.06	1.05	2.0	1.7	86
7	PCB-189L	51.86	1.06	2.0	1.8	89
8	PCB-202L	44.55	0.89	2.0	1.8	88
8	PCB-205L	54.44	0.90	2.0	1.7	85
9	PCB-206L	56.19	0.79	2.0	1.6	81
9	PCB-208L	51.36	0.79	2.0	1.7	83
10	PCB-209L	57.83	0.71	2.0	1.6	82
Recovery Standards						
2	PCB-009L	15.91	1.61	2.0	2.3	N/A
4	PCB-052L	26.00	0.79	2.0	2.3	N/A
5	PCB-101L	33.34	1.59	2.0	2.2	N/A
6	PCB-138L	41.73	1.29	2.0	2.2	N/A
8	PCB-194L	53.97	0.91	2.0	2.1	N/A
Cleanup Standards						
3	PCB-028L	23.99	1.08	2.0	1.6	82
5	PCB-111L	36.13	1.55	2.0	1.7	83
7	PCB-178L	42.18	1.04	2.0	1.8	91

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10702026002
Lab File ID: P240823A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 20:27
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND			0.0041	
1	PCB-002			ND			0.0042	
1	PCB-003			ND			0.0078	
2	PCB-004			ND			0.0053	
2	PCB-005			ND			0.0056	
2	PCB-006			ND			0.0028	
2	PCB-007			ND			0.0027	
2	PCB-008			ND			0.0056	
2	PCB-009			ND			0.0011	
2	PCB-010			ND			0.0013	
2	PCB-011			ND			0.061	
2	PCB-012/013			ND			0.0030	
2	PCB-014			ND			0.0011	
2	PCB-015			ND			0.0060	
3	PCB-016			ND			0.0034	
3	PCB-017			ND			0.0038	
3	PCB-018/030			ND			0.0062	
3	PCB-019			ND			0.0032	
3	PCB-020/028			ND			0.0070	
3	PCB-021/033			ND			0.0058	
3	PCB-022			ND			0.0038	
3	PCB-023			ND			0.0012	
3	PCB-024			ND			0.0013	
3	PCB-025			ND			0.0015	
3	PCB-026/029			ND			0.0024	
3	PCB-027			ND			0.0010	
3	PCB-031			ND			0.0085	
3	PCB-032			ND			0.0028	
3	PCB-034			ND			0.0011	
3	PCB-035			ND			0.0011	
3	PCB-036			ND			0.0011	
3	PCB-037			ND			0.0028	
3	PCB-038			ND			0.0011	
3	PCB-039			ND			0.0015	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10702026002
Lab File ID: P240823A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 20:27
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND			0.0048	
4	PCB-042			ND			0.0025	
4	PCB-043/073			ND			0.0023	
4	PCB-044/047/065			ND			0.0068	
4	PCB-045/051			ND			0.0035	
4	PCB-046			ND			0.0016	
4	PCB-048			ND			0.0018	
4	PCB-069/049			ND			0.0039	
4	PCB-050/053			ND			0.0020	
4	PCB-052			ND			0.014	
4	PCB-054			ND			0.0011	
4	PCB-055			ND			0.0016	
4	PCB-056			ND			0.0036	
4	PCB-057			ND			0.0011	
4	PCB-058			ND			0.0014	
4	PCB-059/062/075			ND			0.0024	
4	PCB-060			ND			0.0020	
4	PCB-061/070/074/076			ND			0.0084	
4	PCB-063			ND			0.00091	
4	PCB-064			ND			0.0023	
4	PCB-066			ND			0.0044	
4	PCB-067			ND			0.0013	
4	PCB-068			ND			0.0012	
4	PCB-072			ND			0.00082	
4	PCB-077			ND			0.0014	
4	PCB-078			ND			0.0012	
4	PCB-079			ND			0.00082	
4	PCB-080			ND			0.0011	
4	PCB-081			ND			0.00078	
5	PCB-082			ND			0.0014	
5	PCB-083			ND			0.0012	
5	PCB-084			ND			0.0024	
5	PCB-085/116/117			ND			0.0032	
5	PCB-086/087/097/108/119/12			ND			0.0061	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10702026002
Lab File ID: P240823A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 20:27
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND			0.0019	
5	PCB-089			ND			0.0013	
5	PCB-090/101/113			ND			0.0048	
5	PCB-092			ND			0.0010	
5	PCB-093/098/100/102			ND			0.0043	
5	PCB-094			ND			0.00087	
5	PCB-095			ND			0.0065	
5	PCB-096			ND			0.00088	
5	PCB-099			ND			0.0020	
5	PCB-103			ND			0.00072	
5	PCB-104			ND			0.0013	
5	PCB-105			ND			0.0030	
5	PCB-106			ND			0.0012	
5	PCB-107/124			ND			0.0021	
5	PCB-109			ND			0.0015	
5	PCB-110/115			ND			0.0053	
5	PCB-111			ND			0.00092	
5	PCB-112			ND			0.0014	
5	PCB-114			ND			0.0012	
5	PCB-118			ND			0.0054	
5	PCB-120			ND			0.00089	
5	PCB-121			ND			0.0012	
5	PCB-122			ND			0.0013	
5	PCB-123			ND			0.0014	
5	PCB-126			ND			0.00074	
5	PCB-127			ND			0.0012	
6	PCB-128/166			ND			0.0025	
6	PCB-129/138/163			ND			0.0052	
6	PCB-130			ND			0.0013	
6	PCB-131			ND			0.0015	
6	PCB-132			ND			0.0017	
6	PCB-133			ND			0.0011	
6	PCB-134/143			ND			0.0029	
6	PCB-135/151			ND			0.0031	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10702026002
Lab File ID: P240823A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 20:27
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND			0.0016	
6	PCB-137			ND			0.0017	
6	PCB-139/140			ND			0.0022	
6	PCB-141			ND			0.0021	
6	PCB-142			ND			0.0014	
6	PCB-144			ND			0.00094	
6	PCB-145			ND			0.0011	
6	PCB-146			ND			0.0013	
6	PCB-147/149			ND			0.0040	
6	PCB-148			ND			0.0011	
6	PCB-150			ND			0.0011	
6	PCB-152			ND			0.00088	
6	PCB-153/168			ND			0.0031	
6	PCB-154			ND			0.0014	
6	PCB-155			ND			0.0012	
6	PCB-156/157			ND			0.0017	
6	PCB-158			ND			0.0013	
6	PCB-159			ND			0.0012	
6	PCB-160			ND			0.0013	
6	PCB-161			ND			0.00065	
6	PCB-162			ND			0.0012	
6	PCB-164			ND			0.0014	
6	PCB-165			ND			0.00076	
6	PCB-167			ND			0.0017	
6	PCB-169			ND			0.0010	
7	PCB-170			ND			0.0015	
7	PCB-171/173			ND			0.0019	
7	PCB-172			ND			0.0046	
7	PCB-174			ND			0.0017	
7	PCB-175			ND			0.0011	
7	PCB-176			ND			0.00092	
7	PCB-177			ND			0.0019	
7	PCB-178			ND			0.0012	
7	PCB-179			ND			0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10702026002
Lab File ID: P240823A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 20:27
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND			0.0042	
7	PCB-181			ND			0.0015	
7	PCB-182			ND			0.0013	
7	PCB-183/185			ND			0.0028	
7	PCB-184			ND			0.00065	
7	PCB-186			ND			0.0015	
7	PCB-187			ND			0.0017	
7	PCB-188			ND			0.00074	
7	PCB-189			ND			0.0012	
7	PCB-190			ND			0.0016	
7	PCB-191			ND			0.0015	
7	PCB-192			ND			0.0015	
8	PCB-194			ND			0.0012	
8	PCB-195			ND			0.0015	
8	PCB-196			ND			0.0011	
8	PCB-197/200			ND			0.0019	
8	PCB-198/199			ND			0.0020	
8	PCB-201			ND			0.00059	
8	PCB-202			ND			0.0012	
8	PCB-203			ND			0.0010	
8	PCB-204			ND			0.0012	
8	PCB-205			ND			0.0014	
9	PCB-206			ND			0.0021	
9	PCB-207			ND			0.0014	
9	PCB-208			ND			0.0012	
10	PCB-209			ND			0.0073	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10702026002
Lab File ID: P240823A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 20:27
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	ND	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	ND	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	ND	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10702026003
Lab File ID: P240823A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 16:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 21:29
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114316

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.23	3.05	2.0	0.91	45
1	PCB-003L	13.08	3.10	2.0	1.1	55
2	PCB-004L	13.39	1.57	2.0	1.00	50
2	PCB-015L	20.54	1.59	2.0	1.2	60
3	PCB-019L	17.25	1.03	2.0	1.0	50
3	PCB-037L	28.38	1.07	2.0	1.4	72
4	PCB-054L	20.89	0.79	2.0	0.93	47
4	PCB-077L	36.12	0.80	2.0	1.6	82
4	PCB-081L	35.53	0.78	2.0	1.6	80
5	PCB-104L	27.05	1.59	2.0	1.2	61
5	PCB-105L	39.75	1.59	2.0	1.6	78
5	PCB-114L	39.09	1.61	2.0	1.6	78
5	PCB-118L	38.52	1.64	2.0	1.6	78
5	PCB-123L	38.19	1.60	2.0	1.5	77
5	PCB-126L	42.92	1.62	2.0	1.7	86
6	PCB-155L	33.12	1.24	2.0	1.5	73
6	PCB-156/157L	45.99	1.27	4.0	3.3	82
6	PCB-167L	44.82	1.29	2.0	1.7	83
6	PCB-169L	49.29	1.29	2.0	1.7	87
7	PCB-188L	39.06	1.04	2.0	1.5	73
7	PCB-189L	51.86	1.08	2.0	1.6	78
8	PCB-202L	44.55	0.89	2.0	1.5	74
8	PCB-205L	54.47	0.89	2.0	1.5	76
9	PCB-206L	56.21	0.80	2.0	1.4	72
9	PCB-208L	51.36	0.79	2.0	1.5	73
10	PCB-209L	57.85	0.72	2.0	1.5	74
Recovery Standards						
2	PCB-009L	15.88	1.59	2.0	2.4	N/A
4	PCB-052L	26.00	0.80	2.0	2.4	N/A
5	PCB-101L	33.34	1.56	2.0	2.4	N/A
6	PCB-138L	41.73	1.27	2.0	2.4	N/A
8	PCB-194L	53.97	0.91	2.0	2.4	N/A
Cleanup Standards						
3	PCB-028L	23.99	1.07	2.0	1.5	73
5	PCB-111L	36.15	1.53	2.0	1.6	79
7	PCB-178L	42.18	1.04	2.0	1.7	84

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10702026003
Lab File ID: P240823A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 16:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 21:29
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND			0.0039	
1	PCB-002			ND			0.0040	
1	PCB-003			ND			0.0075	
2	PCB-004			ND			0.0050	
2	PCB-005			ND			0.0054	
2	PCB-006			ND			0.0027	
2	PCB-007			ND			0.0026	
2	PCB-008			ND			0.0053	
2	PCB-009			ND			0.0010	
2	PCB-010			ND			0.0012	
2	PCB-011			ND			0.058	
2	PCB-012/013			ND			0.0029	
2	PCB-014			ND			0.0010	
2	PCB-015			ND			0.0057	
3	PCB-016			ND			0.0032	
3	PCB-017			ND			0.0036	
3	PCB-018/030			ND			0.0059	
3	PCB-019			ND			0.0030	
3	PCB-020/028			ND			0.0067	
3	PCB-021/033			ND			0.0055	
3	PCB-022			ND			0.0036	
3	PCB-023			ND			0.0011	
3	PCB-024			ND			0.0012	
3	PCB-025			ND			0.0014	
3	PCB-026/029			ND			0.0023	
3	PCB-027			ND			0.00099	
3	PCB-031			ND			0.0081	
3	PCB-032			ND			0.0027	
3	PCB-034			ND			0.0011	
3	PCB-035			ND			0.0011	
3	PCB-036			ND			0.0010	
3	PCB-037			ND			0.0027	
3	PCB-038			ND			0.0011	
3	PCB-039			ND			0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10702026003
Lab File ID: P240823A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 16:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 21:29
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND			0.0046	
4	PCB-042			ND			0.0024	
4	PCB-043/073			ND			0.0022	
4	PCB-044/047/065			ND			0.0064	
4	PCB-045/051			ND			0.0033	
4	PCB-046			ND			0.0015	
4	PCB-048			ND			0.0018	
4	PCB-069/049			ND			0.0037	
4	PCB-050/053			ND			0.0019	
4	PCB-052			ND			0.013	
4	PCB-054			ND			0.0010	
4	PCB-055			ND			0.0015	
4	PCB-056			ND			0.0034	
4	PCB-057			ND			0.0010	
4	PCB-058			ND			0.0013	
4	PCB-059/062/075			ND			0.0023	
4	PCB-060			ND			0.0019	
4	PCB-061/070/074/076			ND			0.0080	
4	PCB-063			ND			0.00087	
4	PCB-064			ND			0.0022	
4	PCB-066			ND			0.0042	
4	PCB-067			ND			0.0012	
4	PCB-068			ND			0.0011	
4	PCB-072			ND			0.00078	
4	PCB-077			ND			0.0013	
4	PCB-078			ND			0.0011	
4	PCB-079			ND			0.00078	
4	PCB-080			ND			0.0011	
4	PCB-081			ND			0.00074	
5	PCB-082			ND			0.0013	
5	PCB-083			ND			0.0012	
5	PCB-084			ND			0.0023	
5	PCB-085/116/117			ND			0.0031	
5	PCB-086/087/097/108/119/12			ND			0.0059	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10702026003
Lab File ID: P240823A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 16:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 21:29
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND			0.0018	
5	PCB-089			ND			0.0013	
5	PCB-090/101/113			ND			0.0045	
5	PCB-092			ND			0.00096	
5	PCB-093/098/100/102			ND			0.0041	
5	PCB-094			ND			0.00083	
5	PCB-095			ND			0.0062	
5	PCB-096			ND			0.00084	
5	PCB-099			ND			0.0019	
5	PCB-103			ND			0.00069	
5	PCB-104			ND			0.0013	
5	PCB-105			ND			0.0029	
5	PCB-106			ND			0.0011	
5	PCB-107/124			ND			0.0020	
5	PCB-109			ND			0.0014	
5	PCB-110/115			ND			0.0051	
5	PCB-111			ND			0.00088	
5	PCB-112			ND			0.0014	
5	PCB-114			ND			0.0011	
5	PCB-118			ND			0.0051	
5	PCB-120			ND			0.00085	
5	PCB-121			ND			0.0012	
5	PCB-122			ND			0.0012	
5	PCB-123			ND			0.0013	
5	PCB-126			ND			0.00071	
5	PCB-127			ND			0.0011	
6	PCB-128/166			ND			0.0024	
6	PCB-129/138/163			ND			0.0050	
6	PCB-130			ND			0.0012	
6	PCB-131			ND			0.0015	
6	PCB-132			ND			0.0017	
6	PCB-133			ND			0.0010	
6	PCB-134/143			ND			0.0027	
6	PCB-135/151			ND			0.0030	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10702026003
Lab File ID: P240823A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 16:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 21:29
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND			0.0015	
6	PCB-137			ND			0.0016	
6	PCB-139/140			ND			0.0021	
6	PCB-141			ND			0.0020	
6	PCB-142			ND			0.0014	
6	PCB-144			ND			0.00089	
6	PCB-145			ND			0.0010	
6	PCB-146			ND			0.0013	
6	PCB-147/149			ND			0.0038	
6	PCB-148			ND			0.0010	
6	PCB-150			ND			0.0011	
6	PCB-152			ND			0.00084	
6	PCB-153/168			ND			0.0030	
6	PCB-154			ND			0.0013	
6	PCB-155			ND			0.0012	
6	PCB-156/157			ND			0.0016	
6	PCB-158			ND			0.0012	
6	PCB-159			ND			0.0011	
6	PCB-160			ND			0.0013	
6	PCB-161			ND			0.00062	
6	PCB-162			ND			0.0011	
6	PCB-164			ND			0.0014	
6	PCB-165			ND			0.00072	
6	PCB-167			ND			0.0016	
6	PCB-169			ND			0.00099	
7	PCB-170			ND			0.0014	
7	PCB-171/173			ND			0.0018	
7	PCB-172			ND			0.0044	
7	PCB-174			ND			0.0016	
7	PCB-175			ND			0.0011	
7	PCB-176			ND			0.00088	
7	PCB-177			ND			0.0018	
7	PCB-178			ND			0.0012	
7	PCB-179			ND			0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10702026003
Lab File ID: P240823A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 16:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 21:29
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND			0.0040	
7	PCB-181			ND			0.0015	
7	PCB-182			ND			0.0012	
7	PCB-183/185			ND			0.0027	
7	PCB-184			ND			0.00062	
7	PCB-186			ND			0.0015	
7	PCB-187			ND			0.0016	
7	PCB-188			ND			0.00070	
7	PCB-189			ND			0.0011	
7	PCB-190			ND			0.0015	
7	PCB-191			ND			0.0014	
7	PCB-192			ND			0.0014	
8	PCB-194			ND			0.0011	
8	PCB-195			ND			0.0015	
8	PCB-196			ND			0.0011	
8	PCB-197/200			ND			0.0019	
8	PCB-198/199			ND			0.0019	
8	PCB-201			ND			0.00057	
8	PCB-202			ND			0.0012	
8	PCB-203			ND			0.0010	
8	PCB-204			ND			0.0011	
8	PCB-205			ND			0.0014	
9	PCB-206			ND			0.0020	
9	PCB-207			ND			0.0013	
9	PCB-208			ND			0.0012	
10	PCB-209			ND			0.0069	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10702026003
Lab File ID: P240823A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 16:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 21:29
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	ND	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	ND	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	ND	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10702026004
Lab File ID: P240823A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 17:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 22:30
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114316

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.25	3.02	2.0	0.91	45
1	PCB-003L	13.10	3.13	2.0	1.0	52
2	PCB-004L	13.40	1.56	2.0	0.95	47
2	PCB-015L	20.53	1.60	2.0	1.1	56
3	PCB-019L	17.25	1.05	2.0	0.92	46
3	PCB-037L	28.36	1.09	2.0	1.5	73
4	PCB-054L	20.89	0.80	2.0	0.83	42
4	PCB-077L	36.10	0.79	2.0	1.7	85
4	PCB-081L	35.53	0.81	2.0	1.6	81
5	PCB-104L	27.03	1.55	2.0	1.1	55
5	PCB-105L	39.73	1.60	2.0	1.6	82
5	PCB-114L	39.08	1.63	2.0	1.6	81
5	PCB-118L	38.52	1.58	2.0	1.6	82
5	PCB-123L	38.17	1.61	2.0	1.6	81
5	PCB-126L	42.92	1.61	2.0	1.8	88
6	PCB-155L	33.12	1.25	2.0	1.3	65
6	PCB-156/157L	45.99	1.27	4.0	3.3	84
6	PCB-167L	44.80	1.29	2.0	1.7	84
6	PCB-169L	49.28	1.29	2.0	1.8	88
7	PCB-188L	39.06	1.04	2.0	1.7	83
7	PCB-189L	51.86	1.06	2.0	1.7	85
8	PCB-202L	44.55	0.90	2.0	1.7	83
8	PCB-205L	54.44	0.90	2.0	1.6	80
9	PCB-206L	56.19	0.79	2.0	1.6	78
9	PCB-208L	51.36	0.79	2.0	1.6	82
10	PCB-209L	57.83	0.71	2.0	1.6	79
Recovery Standards						
2	PCB-009L	15.88	1.57	2.0	2.5	N/A
4	PCB-052L	25.98	0.79	2.0	2.5	N/A
5	PCB-101L	33.34	1.61	2.0	2.3	N/A
6	PCB-138L	41.73	1.24	2.0	2.4	N/A
8	PCB-194L	53.97	0.92	2.0	2.2	N/A
Cleanup Standards						
3	PCB-028L	23.99	1.06	2.0	1.6	78
5	PCB-111L	36.14	1.56	2.0	1.6	81
7	PCB-178L	42.18	1.06	2.0	1.7	84

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10702026004
Lab File ID: P240823A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 17:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 22:30
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND			0.0039	
1	PCB-002			ND			0.0040	
1	PCB-003			ND			0.0074	
2	PCB-004			ND			0.0050	
2	PCB-005			ND			0.0053	
2	PCB-006			ND			0.0027	
2	PCB-007			ND			0.0026	
2	PCB-008			ND			0.0053	
2	PCB-009			ND			0.0010	
2	PCB-010			ND			0.0012	
2	PCB-011			ND			0.058	
2	PCB-012/013			ND			0.0029	
2	PCB-014			ND			0.0010	
2	PCB-015			ND			0.0057	
3	PCB-016			ND			0.0032	
3	PCB-017			ND			0.0036	
3	PCB-018/030			ND			0.0059	
3	PCB-019			ND			0.0030	
3	PCB-020/028			ND			0.0066	
3	PCB-021/033			ND			0.0055	
3	PCB-022			ND			0.0036	
3	PCB-023			ND			0.0011	
3	PCB-024			ND			0.0012	
3	PCB-025			ND			0.0014	
3	PCB-026/029			ND			0.0023	
3	PCB-027			ND			0.00099	
3	PCB-031			ND			0.0080	
3	PCB-032			ND			0.0027	
3	PCB-034			ND			0.0011	
3	PCB-035			ND			0.0011	
3	PCB-036			ND			0.0010	
3	PCB-037			ND			0.0027	
3	PCB-038			ND			0.0011	
3	PCB-039			ND			0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10702026004
Lab File ID: P240823A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 17:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 22:30
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND			0.0045	
4	PCB-042			ND			0.0024	
4	PCB-043/073			ND			0.0022	
4	PCB-044/047/065			ND			0.0064	
4	PCB-045/051			ND			0.0033	
4	PCB-046			ND			0.0015	
4	PCB-048			ND			0.0018	
4	PCB-069/049			ND			0.0037	
4	PCB-050/053			ND			0.0019	
4	PCB-052			ND			0.013	
4	PCB-054			ND			0.0010	
4	PCB-055			ND			0.0015	
4	PCB-056			ND			0.0034	
4	PCB-057			ND			0.0010	
4	PCB-058			ND			0.0013	
4	PCB-059/062/075			ND			0.0023	
4	PCB-060			ND			0.0019	
4	PCB-061/070/074/076			ND			0.0080	
4	PCB-063			ND			0.00087	
4	PCB-064			ND			0.0022	
4	PCB-066			ND			0.0042	
4	PCB-067			ND			0.0012	
4	PCB-068			ND			0.0011	
4	PCB-072			ND			0.00078	
4	PCB-077			ND			0.0013	
4	PCB-078			ND			0.0011	
4	PCB-079			ND			0.00078	
4	PCB-080			ND			0.0011	
4	PCB-081			ND			0.00074	
5	PCB-082			ND			0.0013	
5	PCB-083			ND			0.0012	
5	PCB-084			ND			0.0023	
5	PCB-085/116/117			ND			0.0031	
5	PCB-086/087/097/108/119/12			ND			0.0059	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10702026004
Lab File ID: P240823A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 17:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 22:30
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND			0.0018	
5	PCB-089			ND			0.0013	
5	PCB-090/101/113			ND			0.0045	
5	PCB-092			ND			0.00096	
5	PCB-093/098/100/102			ND			0.0041	
5	PCB-094			ND			0.00082	
5	PCB-095			ND			0.0062	
5	PCB-096			ND			0.00084	
5	PCB-099			ND			0.0019	
5	PCB-103			ND			0.00068	
5	PCB-104			ND			0.0013	
5	PCB-105			ND			0.0028	
5	PCB-106			ND			0.0011	
5	PCB-107/124			ND			0.0020	
5	PCB-109			ND			0.0014	
5	PCB-110/115			ND			0.0050	
5	PCB-111			ND			0.00087	
5	PCB-112			ND			0.0014	
5	PCB-114			ND			0.0011	
5	PCB-118			ND			0.0051	
5	PCB-120			ND			0.00085	
5	PCB-121			ND			0.0012	
5	PCB-122			ND			0.0012	
5	PCB-123			ND			0.0013	
5	PCB-126			ND			0.00071	
5	PCB-127			ND			0.0011	
6	PCB-128/166			ND			0.0024	
6	PCB-129/138/163			ND			0.0050	
6	PCB-130			ND			0.0012	
6	PCB-131			ND			0.0015	
6	PCB-132			ND			0.0016	
6	PCB-133			ND			0.0010	
6	PCB-134/143			ND			0.0027	
6	PCB-135/151			ND			0.0030	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10702026004
Lab File ID: P240823A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 17:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 22:30
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND			0.0015	
6	PCB-137			ND			0.0016	
6	PCB-139/140			ND			0.0021	
6	PCB-141			ND			0.0020	
6	PCB-142			ND			0.0014	
6	PCB-144			ND			0.00089	
6	PCB-145			ND			0.0010	
6	PCB-146			ND			0.0012	
6	PCB-147/149			ND			0.0038	
6	PCB-148			ND			0.0010	
6	PCB-150			ND			0.0010	
6	PCB-152			ND			0.00084	
6	PCB-153/168			ND			0.0030	
6	PCB-154			ND			0.0013	
6	PCB-155			ND			0.0012	
6	PCB-156/157			ND			0.0016	
6	PCB-158			ND			0.0012	
6	PCB-159			ND			0.0011	
6	PCB-160			ND			0.0012	
6	PCB-161			ND			0.00062	
6	PCB-162			ND			0.0011	
6	PCB-164			ND			0.0014	
6	PCB-165			ND			0.00072	
6	PCB-167			ND			0.0016	
6	PCB-169			ND			0.00099	
7	PCB-170			ND			0.0014	
7	PCB-171/173			ND			0.0018	
7	PCB-172			ND			0.0044	
7	PCB-174			ND			0.0016	
7	PCB-175			ND			0.0011	
7	PCB-176			ND			0.00088	
7	PCB-177			ND			0.0018	
7	PCB-178			ND			0.0012	
7	PCB-179			ND			0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10702026004
Lab File ID: P240823A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 17:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 22:30
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND			0.0040	
7	PCB-181			ND			0.0015	
7	PCB-182			ND			0.0012	
7	PCB-183/185			ND			0.0027	
7	PCB-184			ND			0.00062	
7	PCB-186			ND			0.0014	
7	PCB-187			ND			0.0016	
7	PCB-188			ND			0.00070	
7	PCB-189			ND			0.0011	
7	PCB-190			ND			0.0015	
7	PCB-191			ND			0.0014	
7	PCB-192			ND			0.0014	
8	PCB-194			ND			0.0011	
8	PCB-195			ND			0.0015	
8	PCB-196			ND			0.0011	
8	PCB-197/200			ND			0.0018	
8	PCB-198/199			ND			0.0019	
8	PCB-201			ND			0.00057	
8	PCB-202			ND			0.0012	
8	PCB-203			ND			0.00099	
8	PCB-204			ND			0.0011	
8	PCB-205			ND			0.0014	
9	PCB-206			ND			0.0020	
9	PCB-207			ND			0.0013	
9	PCB-208			ND			0.0012	
10	PCB-209			ND			0.0069	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10702026004
Lab File ID: P240823A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 07/23/2024 17:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 22:30
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	ND	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	ND	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	ND	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10702026005
Lab File ID: P240823A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 23:31
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114316

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2010mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.34	3.08	2.0	0.79	39
1	PCB-003L	13.15	3.13	2.0	0.92	46
2	PCB-004L	13.46	1.52	2.0	0.86	43
2	PCB-015L	20.57	1.60	2.0	1.1	55
3	PCB-019L	17.29	1.05	2.0	0.88	44
3	PCB-037L	28.38	1.09	2.0	1.5	73
4	PCB-054L	20.92	0.80	2.0	0.86	43
4	PCB-077L	36.12	0.80	2.0	1.7	83
4	PCB-081L	35.53	0.80	2.0	1.6	79
5	PCB-104L	27.05	1.59	2.0	1.2	61
5	PCB-105L	39.75	1.59	2.0	1.6	82
5	PCB-114L	39.09	1.60	2.0	1.6	81
5	PCB-118L	38.52	1.61	2.0	1.6	81
5	PCB-123L	38.19	1.58	2.0	1.6	81
5	PCB-126L	42.92	1.61	2.0	1.7	86
6	PCB-155L	33.12	1.27	2.0	1.4	72
6	PCB-156/157L	46.01	1.29	4.0	3.3	82
6	PCB-167L	44.82	1.28	2.0	1.6	81
6	PCB-169L	49.29	1.26	2.0	1.7	86
7	PCB-188L	39.06	1.04	2.0	1.7	86
7	PCB-189L	51.86	1.07	2.0	1.7	86
8	PCB-202L	44.56	0.90	2.0	1.6	82
8	PCB-205L	54.47	0.91	2.0	1.6	79
9	PCB-206L	56.21	0.80	2.0	1.5	77
9	PCB-208L	51.36	0.79	2.0	1.6	81
10	PCB-209L	57.85	0.70	2.0	1.6	78
Recovery Standards						
2	PCB-009L	15.92	1.59	2.0	2.4	N/A
4	PCB-052L	26.00	0.79	2.0	2.5	N/A
5	PCB-101L	33.34	1.61	2.0	2.3	N/A
6	PCB-138L	41.73	1.26	2.0	2.3	N/A
8	PCB-194L	53.97	0.91	2.0	2.1	N/A
Cleanup Standards						
3	PCB-028L	24.00	1.05	2.0	1.5	75
5	PCB-111L	36.15	1.55	2.0	1.7	84
7	PCB-178L	42.18	1.05	2.0	1.8	88

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10702026005
Lab File ID: P240823A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 23:31
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2010mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND			0.0035	
1	PCB-002			ND			0.0036	
1	PCB-003			ND			0.0067	
2	PCB-004			ND			0.0045	
2	PCB-005			ND			0.0048	
2	PCB-006			ND			0.0024	
2	PCB-007			ND			0.0023	
2	PCB-008			ND			0.0048	
2	PCB-009			ND			0.00094	
2	PCB-010			ND			0.0011	
2	PCB-011			ND			0.052	
2	PCB-012/013			ND			0.0026	
2	PCB-014			ND			0.00091	
2	PCB-015			ND			0.0051	
3	PCB-016			ND			0.0029	
3	PCB-017			ND			0.0032	
3	PCB-018/030			ND			0.0053	
3	PCB-019			ND			0.0027	
3	PCB-020/028			ND			0.0060	
3	PCB-021/033			ND			0.0049	
3	PCB-022			ND			0.0033	
3	PCB-023			ND			0.00099	
3	PCB-024			ND			0.0011	
3	PCB-025			ND			0.0013	
3	PCB-026/029			ND			0.0021	
3	PCB-027			ND			0.00089	
3	PCB-031			ND			0.0072	
3	PCB-032			ND			0.0024	
3	PCB-034			ND			0.00097	
3	PCB-035			ND			0.00098	
3	PCB-036			ND			0.00093	
3	PCB-037			ND			0.0024	
3	PCB-038			ND			0.00098	
3	PCB-039			ND			0.0013	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10702026005
Lab File ID: P240823A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 23:31
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2010mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND			0.0041	
4	PCB-042			ND			0.0022	
4	PCB-043/073			ND			0.0020	
4	PCB-044/047/065			ND			0.0058	
4	PCB-045/051			ND			0.0030	
4	PCB-046			ND			0.0013	
4	PCB-048			ND			0.0016	
4	PCB-069/049			ND			0.0034	
4	PCB-050/053			ND			0.0017	
4	PCB-052			ND			0.012	
4	PCB-054			ND			0.00091	
4	PCB-055			ND			0.0014	
4	PCB-056			ND			0.0030	
4	PCB-057			ND			0.00091	
4	PCB-058			ND			0.0012	
4	PCB-059/062/075			ND			0.0020	
4	PCB-060			ND			0.0017	
4	PCB-061/070/074/076			ND			0.0072	
4	PCB-063			ND			0.00078	
4	PCB-064			ND			0.0020	
4	PCB-066			ND			0.0037	
4	PCB-067			ND			0.0011	
4	PCB-068			ND			0.00099	
4	PCB-072			ND			0.00070	
4	PCB-077			ND			0.0012	
4	PCB-078			ND			0.0010	
4	PCB-079			ND			0.00070	
4	PCB-080			ND			0.00098	
4	PCB-081			ND			0.00067	
5	PCB-082			ND			0.0012	
5	PCB-083			ND			0.0010	
5	PCB-084			ND			0.0021	
5	PCB-085/116/117			ND			0.0028	
5	PCB-086/087/097/108/119/12			ND			0.0053	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10702026005
Lab File ID: P240823A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 23:31
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2010mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND			0.0016	
5	PCB-089			ND			0.0011	
5	PCB-090/101/113			ND			0.0041	
5	PCB-092			ND			0.00086	
5	PCB-093/098/100/102			ND			0.0037	
5	PCB-094			ND			0.00074	
5	PCB-095			ND			0.0056	
5	PCB-096			ND			0.00075	
5	PCB-099			ND			0.0017	
5	PCB-103			ND			0.00061	
5	PCB-104			ND			0.0011	
5	PCB-105			ND			0.0026	
5	PCB-106			ND			0.0010	
5	PCB-107/124			ND			0.0018	
5	PCB-109			ND			0.0013	
5	PCB-110/115			ND			0.0045	
5	PCB-111			ND			0.00078	
5	PCB-112			ND			0.0012	
5	PCB-114			ND			0.0010	
5	PCB-118			ND			0.0046	
5	PCB-120			ND			0.00076	
5	PCB-121			ND			0.0011	
5	PCB-122			ND			0.0011	
5	PCB-123			ND			0.0012	
5	PCB-126			ND			0.00064	
5	PCB-127			ND			0.0010	
6	PCB-128/166			ND			0.0021	
6	PCB-129/138/163			ND			0.0045	
6	PCB-130			ND			0.0011	
6	PCB-131			ND			0.0013	
6	PCB-132			ND			0.0015	
6	PCB-133			ND			0.00094	
6	PCB-134/143			ND			0.0024	
6	PCB-135/151			ND			0.0027	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10702026005
Lab File ID: P240823A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 23:31
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2010mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND			0.0014	
6	PCB-137			ND			0.0015	
6	PCB-139/140			ND			0.0019	
6	PCB-141			ND			0.0018	
6	PCB-142			ND			0.0012	
6	PCB-144			ND			0.00080	
6	PCB-145			ND			0.00091	
6	PCB-146			ND			0.0011	
6	PCB-147/149			ND			0.0034	
6	PCB-148			ND			0.00093	
6	PCB-150			ND			0.00094	
6	PCB-152			ND			0.00076	
6	PCB-153/168			ND			0.0027	
6	PCB-154			ND			0.0012	
6	PCB-155			ND			0.0010	
6	PCB-156/157			ND			0.0015	
6	PCB-158			ND			0.0011	
6	PCB-159			ND			0.00099	
6	PCB-160			ND			0.0011	
6	PCB-161			ND			0.00055	
6	PCB-162			ND			0.00099	
6	PCB-164			ND			0.0012	
6	PCB-165			ND			0.00065	
6	PCB-167			ND			0.0014	
6	PCB-169			ND			0.00089	
7	PCB-170			ND			0.0013	
7	PCB-171/173			ND			0.0016	
7	PCB-172			ND			0.0040	
7	PCB-174			ND			0.0014	
7	PCB-175			ND			0.00094	
7	PCB-176			ND			0.00079	
7	PCB-177			ND			0.0016	
7	PCB-178			ND			0.0010	
7	PCB-179			ND			0.0012	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10702026005
Lab File ID: P240823A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 23:31
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2010mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND			0.0036	
7	PCB-181			ND			0.0013	
7	PCB-182			ND			0.0011	
7	PCB-183/185			ND			0.0024	
7	PCB-184			ND			0.00056	
7	PCB-186			ND			0.0013	
7	PCB-187			ND			0.0015	
7	PCB-188			ND			0.00063	
7	PCB-189			ND			0.00099	
7	PCB-190			ND			0.0014	
7	PCB-191			ND			0.0013	
7	PCB-192			ND			0.0013	
8	PCB-194			ND			0.0010	
8	PCB-195			ND			0.0013	
8	PCB-196			ND			0.00098	
8	PCB-197/200			ND			0.0017	
8	PCB-198/199			ND			0.0017	
8	PCB-201			ND			0.00051	
8	PCB-202			ND			0.0011	
8	PCB-203			ND			0.00089	
8	PCB-204			ND			0.0010	
8	PCB-205			ND			0.0012	
9	PCB-206			ND			0.0018	
9	PCB-207			ND			0.0012	
9	PCB-208			ND			0.0011	
10	PCB-209			ND			0.0062	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10702026005
Lab File ID: P240823A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/23/2024 23:31
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2010mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	ND	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	ND	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	ND	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10702026006
Lab File ID: P240823A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 16:30
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 00:33
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114316

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.25	3.02	2.0	0.88	44
1	PCB-003L	13.08	3.08	2.0	0.97	49
2	PCB-004L	13.40	1.56	2.0	0.88	44
2	PCB-015L	20.53	1.58	2.0	1.1	53
3	PCB-019L	17.25	1.05	2.0	0.86	43
3	PCB-037L	28.38	1.08	2.0	1.4	72
4	PCB-054L	20.88	0.80	2.0	0.80	40
4	PCB-077L	36.12	0.79	2.0	1.6	81
4	PCB-081L	35.53	0.80	2.0	1.5	77
5	PCB-104L	27.03	1.55	2.0	1.0	52
5	PCB-105L	39.75	1.60	2.0	1.6	82
5	PCB-114L	39.08	1.59	2.0	1.6	81
5	PCB-118L	38.52	1.61	2.0	1.6	82
5	PCB-123L	38.19	1.59	2.0	1.6	82
5	PCB-126L	42.92	1.58	2.0	1.7	86
6	PCB-155L	33.12	1.26	2.0	1.2	62
6	PCB-156/157L	45.99	1.28	4.0	3.2	79
6	PCB-167L	44.82	1.27	2.0	1.6	78
6	PCB-169L	49.28	1.28	2.0	1.7	84
7	PCB-188L	39.06	1.05	2.0	1.7	85
7	PCB-189L	51.86	1.07	2.0	1.7	84
8	PCB-202L	44.55	0.90	2.0	1.6	82
8	PCB-205L	54.45	0.90	2.0	1.5	77
9	PCB-206L	56.21	0.80	2.0	1.5	74
9	PCB-208L	51.36	0.80	2.0	1.6	82
10	PCB-209L	57.85	0.70	2.0	1.5	77
Recovery Standards						
2	PCB-009L	15.88	1.59	2.0	2.6	N/A
4	PCB-052L	25.98	0.80	2.0	2.6	N/A
5	PCB-101L	33.34	1.54	2.0	2.4	N/A
6	PCB-138L	41.73	1.26	2.0	2.3	N/A
8	PCB-194L	53.97	0.91	2.0	2.1	N/A
Cleanup Standards						
3	PCB-028L	23.99	1.06	2.0	1.5	77
5	PCB-111L	36.14	1.58	2.0	1.6	81
7	PCB-178L	42.18	1.04	2.0	1.7	85

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10702026006
Lab File ID: P240823A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 16:30
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 00:33
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND			0.0039	
1	PCB-002			ND			0.0039	
1	PCB-003			ND			0.0073	
2	PCB-004			ND			0.0049	
2	PCB-005			ND			0.0053	
2	PCB-006			ND			0.0027	
2	PCB-007			ND			0.0025	
2	PCB-008			ND			0.0052	
2	PCB-009			ND			0.0010	
2	PCB-010			ND			0.0012	
2	PCB-011			ND			0.057	
2	PCB-012/013			ND			0.0028	
2	PCB-014			ND			0.0010	
2	PCB-015			ND			0.0056	
3	PCB-016			ND			0.0032	
3	PCB-017			ND			0.0035	
3	PCB-018/030			ND			0.0058	
3	PCB-019			ND			0.0030	
3	PCB-020/028			ND			0.0065	
3	PCB-021/033			ND			0.0054	
3	PCB-022			ND			0.0036	
3	PCB-023			ND			0.0011	
3	PCB-024			ND			0.0012	
3	PCB-025			ND			0.0014	
3	PCB-026/029			ND			0.0023	
3	PCB-027			ND			0.00097	
3	PCB-031			ND			0.0079	
3	PCB-032			ND			0.0026	
3	PCB-034			ND			0.0011	
3	PCB-035			ND			0.0011	
3	PCB-036			ND			0.0010	
3	PCB-037			ND			0.0026	
3	PCB-038			ND			0.0011	
3	PCB-039			ND			0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10702026006
Lab File ID: P240823A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 16:30
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 00:33
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND			0.0045	
4	PCB-042			ND			0.0024	
4	PCB-043/073			ND			0.0021	
4	PCB-044/047/065			ND			0.0063	
4	PCB-045/051			ND			0.0033	
4	PCB-046			ND			0.0015	
4	PCB-048			ND			0.0017	
4	PCB-069/049			ND			0.0037	
4	PCB-050/053			ND			0.0019	
4	PCB-052			ND			0.013	
4	PCB-054			ND			0.0010	
4	PCB-055			ND			0.0015	
4	PCB-056			ND			0.0033	
4	PCB-057			ND			0.00099	
4	PCB-058			ND			0.0013	
4	PCB-059/062/075			ND			0.0022	
4	PCB-060			ND			0.0018	
4	PCB-061/070/074/076			ND			0.0079	
4	PCB-063			ND			0.00085	
4	PCB-064			ND			0.0021	
4	PCB-066			ND			0.0041	
4	PCB-067			ND			0.0012	
4	PCB-068			ND			0.0011	
4	PCB-072			ND			0.00077	
4	PCB-077			ND			0.0013	
4	PCB-078			ND			0.0011	
4	PCB-079			ND			0.00077	
4	PCB-080			ND			0.0011	
4	PCB-081			ND			0.00073	
5	PCB-082			ND			0.0013	
5	PCB-083			ND			0.0011	
5	PCB-084			ND			0.0023	
5	PCB-085/116/117			ND			0.0030	
5	PCB-086/087/097/108/119/12			ND			0.0058	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10702026006
Lab File ID: P240823A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 16:30
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 00:33
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND			0.0018	
5	PCB-089			ND			0.0012	
5	PCB-090/101/113			ND			0.0044	
5	PCB-092			ND			0.00094	
5	PCB-093/098/100/102			ND			0.0040	
5	PCB-094			ND			0.00081	
5	PCB-095			ND			0.0061	
5	PCB-096			ND			0.00082	
5	PCB-099			ND			0.0018	
5	PCB-103			ND			0.00067	
5	PCB-104			ND			0.0013	
5	PCB-105			ND			0.0028	
5	PCB-106			ND			0.0011	
5	PCB-107/124			ND			0.0020	
5	PCB-109			ND			0.0014	
5	PCB-110/115			ND			0.0050	
5	PCB-111			ND			0.00086	
5	PCB-112			ND			0.0013	
5	PCB-114			ND			0.0011	
5	PCB-118			ND			0.0050	
5	PCB-120			ND			0.00083	
5	PCB-121			ND			0.0012	
5	PCB-122			ND			0.0012	
5	PCB-123			ND			0.0013	
5	PCB-126			ND			0.00070	
5	PCB-127			ND			0.0011	
6	PCB-128/166			ND			0.0023	
6	PCB-129/138/163			ND			0.0049	
6	PCB-130			ND			0.0012	
6	PCB-131			ND			0.0014	
6	PCB-132			ND			0.0016	
6	PCB-133			ND			0.0010	
6	PCB-134/143			ND			0.0027	
6	PCB-135/151			ND			0.0029	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10702026006
Lab File ID: P240823A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 16:30
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 00:33
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND			0.0015	
6	PCB-137			ND			0.0016	
6	PCB-139/140			ND			0.0020	
6	PCB-141			ND			0.0019	
6	PCB-142			ND			0.0013	
6	PCB-144			ND			0.00088	
6	PCB-145			ND			0.0010	
6	PCB-146			ND			0.0012	
6	PCB-147/149			ND			0.0037	
6	PCB-148			ND			0.0010	
6	PCB-150			ND			0.0010	
6	PCB-152			ND			0.00083	
6	PCB-153/168			ND			0.0029	
6	PCB-154			ND			0.0013	
6	PCB-155			ND			0.0011	
6	PCB-156/157			ND			0.0016	
6	PCB-158			ND			0.0012	
6	PCB-159			ND			0.0011	
6	PCB-160			ND			0.0012	
6	PCB-161			ND			0.00061	
6	PCB-162			ND			0.0011	
6	PCB-164			ND			0.0013	
6	PCB-165			ND			0.00071	
6	PCB-167			ND			0.0016	
6	PCB-169			ND			0.00098	
7	PCB-170			ND			0.0014	
7	PCB-171/173			ND			0.0018	
7	PCB-172			ND			0.0043	
7	PCB-174			ND			0.0016	
7	PCB-175			ND			0.0010	
7	PCB-176			ND			0.00086	
7	PCB-177			ND			0.0018	
7	PCB-178			ND			0.0011	
7	PCB-179			ND			0.0013	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10702026006
Lab File ID: P240823A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 16:30
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 00:33
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND			0.0040	
7	PCB-181			ND			0.0014	
7	PCB-182			ND			0.0012	
7	PCB-183/185			ND			0.0026	
7	PCB-184			ND			0.00061	
7	PCB-186			ND			0.0014	
7	PCB-187			ND			0.0016	
7	PCB-188			ND			0.00069	
7	PCB-189			ND			0.0011	
7	PCB-190			ND			0.0015	
7	PCB-191			ND			0.0014	
7	PCB-192			ND			0.0014	
8	PCB-194			ND			0.0011	
8	PCB-195			ND			0.0014	
8	PCB-196			ND			0.0011	
8	PCB-197/200			ND			0.0018	
8	PCB-198/199			ND			0.0019	
8	PCB-201			ND			0.00056	
8	PCB-202			ND			0.0012	
8	PCB-203			ND			0.00098	
8	PCB-204			ND			0.0011	
8	PCB-205			ND			0.0013	
9	PCB-206			ND			0.0019	
9	PCB-207			ND			0.0013	
9	PCB-208			ND			0.0012	
10	PCB-209			ND			0.0068	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10702026006
Lab File ID: P240823A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 16:30
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 00:33
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240823A02
CCal File(s): P240823A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	ND	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	ND	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	ND	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10702026007
Lab File ID: P240824A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 12:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 05:40
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114316

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.30	3.10	2.0	1.1	54
1	PCB-003L	13.13	3.07	2.0	1.2	61
2	PCB-004L	13.43	1.54	2.0	1.1	56
2	PCB-015L	20.55	1.60	2.0	1.3	67
3	PCB-019L	17.27	1.02	2.0	1.1	56
3	PCB-037L	28.38	1.07	2.0	1.5	76
4	PCB-054L	20.89	0.80	2.0	1.2	58
4	PCB-077L	36.12	0.80	2.0	1.7	84
4	PCB-081L	35.53	0.78	2.0	1.6	82
5	PCB-104L	27.05	1.57	2.0	1.4	71
5	PCB-105L	39.75	1.61	2.0	1.6	79
5	PCB-114L	39.08	1.60	2.0	1.6	78
5	PCB-118L	38.52	1.61	2.0	1.6	81
5	PCB-123L	38.19	1.58	2.0	1.6	78
5	PCB-126L	42.92	1.58	2.0	1.8	88
6	PCB-155L	33.12	1.26	2.0	1.6	79
6	PCB-156/157L	45.99	1.29	4.0	3.2	81
6	PCB-167L	44.80	1.29	2.0	1.6	80
6	PCB-169L	49.28	1.27	2.0	1.7	85
7	PCB-188L	39.06	1.03	2.0	1.6	81
7	PCB-189L	51.86	1.07	2.0	1.7	83
8	PCB-202L	44.55	0.91	2.0	1.5	77
8	PCB-205L	54.45	0.89	2.0	1.6	78
9	PCB-206L	56.21	0.80	2.0	1.5	75
9	PCB-208L	51.36	0.82	2.0	1.5	77
10	PCB-209L	57.83	0.70	2.0	1.5	76
Recovery Standards						
2	PCB-009L	15.90	1.57	2.0	2.5	N/A
4	PCB-052L	26.00	0.77	2.0	2.4	N/A
5	PCB-101L	33.34	1.58	2.0	2.3	N/A
6	PCB-138L	41.73	1.27	2.0	2.3	N/A
8	PCB-194L	53.97	0.91	2.0	2.2	N/A
Cleanup Standards						
3	PCB-028L	23.99	1.07	2.0	1.6	78
5	PCB-111L	36.14	1.56	2.0	1.6	81
7	PCB-178L	42.18	1.04	2.0	1.7	87

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10702026007
Lab File ID: P240824A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 12:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 05:40
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND			0.0039	
1	PCB-002			ND			0.0040	
1	PCB-003			ND			0.0074	
2	PCB-004			ND			0.0050	
2	PCB-005			ND			0.0053	
2	PCB-006			ND			0.0027	
2	PCB-007			ND			0.0026	
2	PCB-008			ND			0.0053	
2	PCB-009			ND			0.0010	
2	PCB-010			ND			0.0012	
2	PCB-011			ND			0.058	
2	PCB-012/013			ND			0.0029	
2	PCB-014			ND			0.0010	
2	PCB-015			ND			0.0057	
3	PCB-016			ND			0.0032	
3	PCB-017			ND			0.0036	
3	PCB-018/030			ND			0.0059	
3	PCB-019			ND			0.0030	
3	PCB-020/028			ND			0.0067	
3	PCB-021/033			ND			0.0055	
3	PCB-022			ND			0.0036	
3	PCB-023			ND			0.0011	
3	PCB-024			ND			0.0012	
3	PCB-025			ND			0.0014	
3	PCB-026/029			ND			0.0023	
3	PCB-027			ND			0.00099	
3	PCB-031			ND			0.0081	
3	PCB-032			ND			0.0027	
3	PCB-034			ND			0.0011	
3	PCB-035			ND			0.0011	
3	PCB-036			ND			0.0010	
3	PCB-037			ND			0.0027	
3	PCB-038			ND			0.0011	
3	PCB-039			ND			0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10702026007
Lab File ID: P240824A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 12:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 05:40
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND			0.0046	
4	PCB-042			ND			0.0024	
4	PCB-043/073			ND			0.0022	
4	PCB-044/047/065			ND			0.0064	
4	PCB-045/051			ND			0.0033	
4	PCB-046			ND			0.0015	
4	PCB-048			ND			0.0018	
4	PCB-069/049			ND			0.0037	
4	PCB-050/053			ND			0.0019	
4	PCB-052			ND			0.013	
4	PCB-054			ND			0.0010	
4	PCB-055			ND			0.0015	
4	PCB-056			ND			0.0034	
4	PCB-057			ND			0.0010	
4	PCB-058			ND			0.0013	
4	PCB-059/062/075			ND			0.0023	
4	PCB-060			ND			0.0019	
4	PCB-061/070/074/076			ND			0.0080	
4	PCB-063			ND			0.00087	
4	PCB-064			ND			0.0022	
4	PCB-066			ND			0.0042	
4	PCB-067			ND			0.0012	
4	PCB-068			ND			0.0011	
4	PCB-072			ND			0.00078	
4	PCB-077			ND			0.0013	
4	PCB-078			ND			0.0011	
4	PCB-079			ND			0.00078	
4	PCB-080			ND			0.0011	
4	PCB-081			ND			0.00074	
5	PCB-082			ND			0.0013	
5	PCB-083			ND			0.0012	
5	PCB-084			ND			0.0023	
5	PCB-085/116/117			ND			0.0031	
5	PCB-086/087/097/108/119/12			ND			0.0059	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10702026007
Lab File ID: P240824A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 12:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 05:40
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND			0.0018	
5	PCB-089			ND			0.0013	
5	PCB-090/101/113			ND			0.0045	
5	PCB-092			ND			0.00096	
5	PCB-093/098/100/102			ND			0.0041	
5	PCB-094			ND			0.00083	
5	PCB-095			ND			0.0062	
5	PCB-096			ND			0.00084	
5	PCB-099			ND			0.0019	
5	PCB-103			ND			0.00068	
5	PCB-104			ND			0.0013	
5	PCB-105			ND			0.0028	
5	PCB-106			ND			0.0011	
5	PCB-107/124			ND			0.0020	
5	PCB-109			ND			0.0014	
5	PCB-110/115			ND			0.0051	
5	PCB-111			ND			0.00087	
5	PCB-112			ND			0.0014	
5	PCB-114			ND			0.0011	
5	PCB-118			ND			0.0051	
5	PCB-120			ND			0.00085	
5	PCB-121			ND			0.0012	
5	PCB-122			ND			0.0012	
5	PCB-123			ND			0.0013	
5	PCB-126			ND			0.00071	
5	PCB-127			ND			0.0011	
6	PCB-128/166			ND			0.0024	
6	PCB-129/138/163			ND			0.0050	
6	PCB-130			ND			0.0012	
6	PCB-131			ND			0.0015	
6	PCB-132			ND			0.0017	
6	PCB-133			ND			0.0010	
6	PCB-134/143			ND			0.0027	
6	PCB-135/151			ND			0.0030	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10702026007
Lab File ID: P240824A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 12:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 05:40
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND			0.0015	
6	PCB-137			ND			0.0016	
6	PCB-139/140			ND			0.0021	
6	PCB-141			ND			0.0020	
6	PCB-142			ND			0.0014	
6	PCB-144			ND			0.00089	
6	PCB-145			ND			0.0010	
6	PCB-146			ND			0.0013	
6	PCB-147/149			ND			0.0038	
6	PCB-148			ND			0.0010	
6	PCB-150			ND			0.0010	
6	PCB-152			ND			0.00084	
6	PCB-153/168			ND			0.0030	
6	PCB-154			ND			0.0013	
6	PCB-155			ND			0.0012	
6	PCB-156/157			ND			0.0016	
6	PCB-158			ND			0.0012	
6	PCB-159			ND			0.0011	
6	PCB-160			ND			0.0013	
6	PCB-161			ND			0.00062	
6	PCB-162			ND			0.0011	
6	PCB-164			ND			0.0014	
6	PCB-165			ND			0.00072	
6	PCB-167			ND			0.0016	
6	PCB-169			ND			0.00099	
7	PCB-170			ND			0.0014	
7	PCB-171/173			ND			0.0018	
7	PCB-172			ND			0.0044	
7	PCB-174			ND			0.0016	
7	PCB-175			ND			0.0011	
7	PCB-176			ND			0.00088	
7	PCB-177			ND			0.0018	
7	PCB-178			ND			0.0012	
7	PCB-179			ND			0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10702026007
Lab File ID: P240824A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 12:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 05:40
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND			0.0040	
7	PCB-181			ND			0.0015	
7	PCB-182			ND			0.0012	
7	PCB-183/185			ND			0.0027	
7	PCB-184			ND			0.00062	
7	PCB-186			ND			0.0015	
7	PCB-187			ND			0.0016	
7	PCB-188			ND			0.00070	
7	PCB-189			ND			0.0011	
7	PCB-190			ND			0.0015	
7	PCB-191			ND			0.0014	
7	PCB-192			ND			0.0014	
8	PCB-194			ND			0.0011	
8	PCB-195			ND			0.0015	
8	PCB-196			ND			0.0011	
8	PCB-197/200			ND			0.0018	
8	PCB-198/199			ND			0.0019	
8	PCB-201			ND			0.00057	
8	PCB-202			ND			0.0012	
8	PCB-203			ND			0.0010	
8	PCB-204			ND			0.0011	
8	PCB-205			ND			0.0014	
9	PCB-206			ND			0.0020	
9	PCB-207			ND			0.0013	
9	PCB-208			ND			0.0012	
10	PCB-209			ND			0.0069	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10702026007
Lab File ID: P240824A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 12:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 05:40
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	ND	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	ND	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	ND	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10702026008
Lab File ID: P240824A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 17:50
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 06:41
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114316

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.34	3.04	2.0	1.0	52
1	PCB-003L	13.14	3.14	2.0	1.2	60
2	PCB-004L	13.45	1.53	2.0	1.1	54
2	PCB-015L	20.55	1.60	2.0	1.4	68
3	PCB-019L	17.28	1.03	2.0	1.1	53
3	PCB-037L	28.36	1.08	2.0	1.6	78
4	PCB-054L	20.91	0.78	2.0	1.1	53
4	PCB-077L	36.10	0.78	2.0	1.7	87
4	PCB-081L	35.52	0.80	2.0	1.7	84
5	PCB-104L	27.03	1.57	2.0	1.3	66
5	PCB-105L	39.73	1.60	2.0	1.6	81
5	PCB-114L	39.08	1.59	2.0	1.6	80
5	PCB-118L	38.51	1.59	2.0	1.6	82
5	PCB-123L	38.17	1.62	2.0	1.6	81
5	PCB-126L	42.90	1.58	2.0	1.9	93
6	PCB-155L	33.10	1.24	2.0	1.5	73
6	PCB-156/157L	45.99	1.27	4.0	3.2	81
6	PCB-167L	44.80	1.29	2.0	1.6	81
6	PCB-169L	49.28	1.31	2.0	1.7	86
7	PCB-188L	39.04	1.05	2.0	1.5	76
7	PCB-189L	51.84	1.08	2.0	1.7	83
8	PCB-202L	44.53	0.88	2.0	1.5	76
8	PCB-205L	54.45	0.89	2.0	1.6	79
9	PCB-206L	56.19	0.81	2.0	1.5	75
9	PCB-208L	51.34	0.79	2.0	1.6	78
10	PCB-209L	57.83	0.69	2.0	1.5	76
Recovery Standards						
2	PCB-009L	15.91	1.60	2.0	2.5	N/A
4	PCB-052L	25.98	0.78	2.0	2.5	N/A
5	PCB-101L	33.32	1.62	2.0	2.4	N/A
6	PCB-138L	41.71	1.27	2.0	2.5	N/A
8	PCB-194L	53.95	0.90	2.0	2.4	N/A
Cleanup Standards						
3	PCB-028L	23.99	1.06	2.0	1.5	77
5	PCB-111L	36.14	1.56	2.0	1.5	77
7	PCB-178L	42.16	1.04	2.0	1.6	81

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10702026008
Lab File ID: P240824A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 17:50
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 06:41
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND			0.0038	
1	PCB-002			ND			0.0039	
1	PCB-003			ND			0.0072	
2	PCB-004			ND			0.0048	
2	PCB-005			ND			0.0052	
2	PCB-006			ND			0.0026	
2	PCB-007			ND			0.0025	
2	PCB-008			ND			0.0051	
2	PCB-009			ND			0.0010	
2	PCB-010			ND			0.0012	
2	PCB-011			ND			0.056	
2	PCB-012/013			ND			0.0028	
2	PCB-014			ND			0.00098	
2	PCB-015			ND			0.0055	
3	PCB-016			ND			0.0031	
3	PCB-017			ND			0.0035	
3	PCB-018/030			ND			0.0057	
3	PCB-019			ND			0.0029	
3	PCB-020/028			ND			0.0064	
3	PCB-021/033			ND			0.0053	
3	PCB-022			ND			0.0035	
3	PCB-023			ND			0.0011	
3	PCB-024			ND			0.0012	
3	PCB-025			ND			0.0014	
3	PCB-026/029			ND			0.0022	
3	PCB-027			ND			0.00095	
3	PCB-031			ND			0.0078	
3	PCB-032			ND			0.0026	
3	PCB-034			ND			0.0010	
3	PCB-035			ND			0.0011	
3	PCB-036			ND			0.0010	
3	PCB-037			ND			0.0026	
3	PCB-038			ND			0.0010	
3	PCB-039			ND			0.0013	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10702026008
Lab File ID: P240824A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 17:50
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 06:41
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND			0.0044	
4	PCB-042			ND			0.0023	
4	PCB-043/073			ND			0.0021	
4	PCB-044/047/065			ND			0.0062	
4	PCB-045/051			ND			0.0032	
4	PCB-046			ND			0.0014	
4	PCB-048			ND			0.0017	
4	PCB-069/049			ND			0.0036	
4	PCB-050/053			ND			0.0018	
4	PCB-052			ND			0.013	
4	PCB-054			ND			0.00098	
4	PCB-055			ND			0.0015	
4	PCB-056			ND			0.0033	
4	PCB-057			ND			0.00098	
4	PCB-058			ND			0.0012	
4	PCB-059/062/075			ND			0.0022	
4	PCB-060			ND			0.0018	
4	PCB-061/070/074/076			ND			0.0077	
4	PCB-063			ND			0.00084	
4	PCB-064			ND			0.0021	
4	PCB-066			ND			0.0040	
4	PCB-067			ND			0.0012	
4	PCB-068			ND			0.0011	
4	PCB-072			ND			0.00075	
4	PCB-077			ND			0.0013	
4	PCB-078			ND			0.0011	
4	PCB-079			ND			0.00075	
4	PCB-080			ND			0.0011	
4	PCB-081			ND			0.00071	
5	PCB-082			ND			0.0013	
5	PCB-083			ND			0.0011	
5	PCB-084			ND			0.0022	
5	PCB-085/116/117			ND			0.0030	
5	PCB-086/087/097/108/119/12			ND			0.0056	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10702026008
Lab File ID: P240824A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 17:50
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 06:41
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND			0.0017	
5	PCB-089			ND			0.0012	
5	PCB-090/101/113			ND			0.0044	
5	PCB-092			ND			0.00093	
5	PCB-093/098/100/102			ND			0.0039	
5	PCB-094			ND			0.00079	
5	PCB-095			ND			0.0060	
5	PCB-096			ND			0.00081	
5	PCB-099			ND			0.0018	
5	PCB-103			ND			0.00066	
5	PCB-104			ND			0.0012	
5	PCB-105			ND			0.0027	
5	PCB-106			ND			0.0011	
5	PCB-107/124			ND			0.0019	
5	PCB-109			ND			0.0014	
5	PCB-110/115			ND			0.0049	
5	PCB-111			ND			0.00084	
5	PCB-112			ND			0.0013	
5	PCB-114			ND			0.0011	
5	PCB-118			ND			0.0049	
5	PCB-120			ND			0.00082	
5	PCB-121			ND			0.0011	
5	PCB-122			ND			0.0012	
5	PCB-123			ND			0.0013	
5	PCB-126			ND			0.00068	
5	PCB-127			ND			0.0011	
6	PCB-128/166			ND			0.0023	
6	PCB-129/138/163			ND			0.0048	
6	PCB-130			ND			0.0012	
6	PCB-131			ND			0.0014	
6	PCB-132			ND			0.0016	
6	PCB-133			ND			0.0010	
6	PCB-134/143			ND			0.0026	
6	PCB-135/151			ND			0.0029	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10702026008
Lab File ID: P240824A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 17:50
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 06:41
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND			0.0015	
6	PCB-137			ND			0.0016	
6	PCB-139/140			ND			0.0020	
6	PCB-141			ND			0.0019	
6	PCB-142			ND			0.0013	
6	PCB-144			ND			0.00086	
6	PCB-145			ND			0.00098	
6	PCB-146			ND			0.0012	
6	PCB-147/149	37.33	1.26	0.55			0.0037	
6	PCB-148			ND			0.0010	
6	PCB-150			ND			0.0010	
6	PCB-152			ND			0.00081	
6	PCB-153/168	40.45	1.25	0.57			0.0029	
6	PCB-154			ND			0.0013	
6	PCB-155			ND			0.0011	
6	PCB-156/157			ND			0.0016	
6	PCB-158			ND			0.0012	
6	PCB-159			ND			0.0011	
6	PCB-160			ND			0.0012	
6	PCB-161			ND			0.00059	
6	PCB-162			ND			0.0011	
6	PCB-164			ND			0.0013	
6	PCB-165			ND			0.00069	
6	PCB-167			ND			0.0015	
6	PCB-169			ND			0.00096	
7	PCB-170			ND			0.0014	
7	PCB-171/173			ND			0.0018	
7	PCB-172			ND			0.0043	
7	PCB-174			ND			0.0015	
7	PCB-175			ND			0.0010	
7	PCB-176			ND			0.00085	
7	PCB-177			ND			0.0017	
7	PCB-178			ND			0.0011	
7	PCB-179			ND			0.0013	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10702026008
Lab File ID: P240824A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 17:50
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 06:41
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND			0.0039	
7	PCB-181			ND			0.0014	
7	PCB-182			ND			0.0012	
7	PCB-183/185			ND			0.0026	
7	PCB-184			ND			0.00060	
7	PCB-186			ND			0.0014	
7	PCB-187	43.12	1.03	0.29			0.0016	
7	PCB-188			ND			0.00068	
7	PCB-189			ND			0.0011	
7	PCB-190			ND			0.0015	
7	PCB-191			ND			0.0014	
7	PCB-192			ND			0.0014	
8	PCB-194			ND			0.0011	
8	PCB-195			ND			0.0014	
8	PCB-196			ND			0.0011	
8	PCB-197/200			ND			0.0018	
8	PCB-198/199			ND			0.0018	
8	PCB-201			ND			0.00055	
8	PCB-202			ND			0.0011	
8	PCB-203			ND			0.00096	
8	PCB-204			ND			0.0011	
8	PCB-205			ND			0.0013	
9	PCB-206			ND			0.0019	
9	PCB-207			ND			0.0013	
9	PCB-208			ND			0.0011	
10	PCB-209			ND			0.0067	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10702026008
Lab File ID: P240824A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 17:50
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 06:41
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	ND	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	1.1	
Total HpCB	0.29	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	1.4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10702026009
Lab File ID: P240824A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 13:20
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 07:43
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114316

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1920mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.31	3.07	2.0	0.88	44
1	PCB-003L	13.14	3.12	2.0	1.0	52
2	PCB-004L	13.45	1.53	2.0	0.95	48
2	PCB-015L	20.57	1.60	2.0	1.2	60
3	PCB-019L	17.28	1.04	2.0	0.90	45
3	PCB-037L	28.38	1.08	2.0	1.6	79
4	PCB-054L	20.91	0.79	2.0	0.92	46
4	PCB-077L	36.12	0.81	2.0	1.8	91
4	PCB-081L	35.55	0.79	2.0	1.8	88
5	PCB-104L	27.05	1.59	2.0	1.1	55
5	PCB-105L	39.75	1.61	2.0	1.7	85
5	PCB-114L	39.09	1.61	2.0	1.7	83
5	PCB-118L	38.54	1.58	2.0	1.6	82
5	PCB-123L	38.19	1.60	2.0	1.7	84
5	PCB-126L	42.92	1.61	2.0	1.9	94
6	PCB-155L	33.12	1.27	2.0	1.3	67
6	PCB-156/157L	46.01	1.28	4.0	3.4	84
6	PCB-167L	44.82	1.26	2.0	1.7	85
6	PCB-169L	49.29	1.30	2.0	1.7	86
7	PCB-188L	39.06	1.05	2.0	1.6	80
7	PCB-189L	51.86	1.08	2.0	1.8	88
8	PCB-202L	44.56	0.89	2.0	1.6	82
8	PCB-205L	54.47	0.89	2.0	1.6	81
9	PCB-206L	56.21	0.79	2.0	1.5	77
9	PCB-208L	51.36	0.79	2.0	1.7	83
10	PCB-209L	57.85	0.70	2.0	1.5	77
Recovery Standards						
2	PCB-009L	15.91	1.59	2.0	2.1	N/A
4	PCB-052L	26.00	0.80	2.0	2.1	N/A
5	PCB-101L	33.34	1.58	2.0	2.1	N/A
6	PCB-138L	41.74	1.29	2.0	2.2	N/A
8	PCB-194L	53.99	0.91	2.0	2.0	N/A
Cleanup Standards						
3	PCB-028L	24.00	1.07	2.0	1.7	85
5	PCB-111L	36.15	1.59	2.0	1.7	87
7	PCB-178L	42.18	1.06	2.0	1.8	92

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10702026009
Lab File ID: P240824A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 13:20
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 07:43
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1920mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND			0.0037	
1	PCB-002			ND			0.0038	
1	PCB-003			ND			0.0070	
2	PCB-004	13.47	1.56	0.42			0.0047	
2	PCB-005			ND			0.0050	
2	PCB-006			ND			0.0026	
2	PCB-007			ND			0.0024	
2	PCB-008			ND			0.0050	
2	PCB-009			ND			0.00099	
2	PCB-010			ND			0.0011	
2	PCB-011			ND			0.054	
2	PCB-012/013			ND			0.0027	
2	PCB-014			ND			0.00096	
2	PCB-015			ND			0.0054	
3	PCB-016			ND			0.0030	
3	PCB-017			ND			0.0034	
3	PCB-018/030			ND			0.0055	
3	PCB-019	17.30	1.03	0.38			0.0028	
3	PCB-020/028			ND			0.0063	
3	PCB-021/033			ND			0.0052	
3	PCB-022			ND			0.0034	
3	PCB-023			ND			0.0010	
3	PCB-024			ND			0.0012	
3	PCB-025			ND			0.0013	
3	PCB-026/029			ND			0.0022	
3	PCB-027			ND			0.00093	
3	PCB-031			ND			0.0076	
3	PCB-032			ND			0.0025	
3	PCB-034			ND			0.0010	
3	PCB-035			ND			0.0010	
3	PCB-036			ND			0.00097	
3	PCB-037			ND			0.0025	
3	PCB-038			ND			0.0010	
3	PCB-039			ND			0.0013	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10702026009
Lab File ID: P240824A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 13:20
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 07:43
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1920mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND			0.0043	
4	PCB-042			ND			0.0023	
4	PCB-043/073			ND			0.0021	
4	PCB-044/047/065	27.17	0.78	1.5			0.0061	
4	PCB-045/051			ND			0.0031	
4	PCB-046			ND			0.0014	
4	PCB-048			ND			0.0017	
4	PCB-069/049	26.57	0.78	0.88			0.0035	
4	PCB-050/053	23.37	0.79	0.57			0.0018	
4	PCB-052			ND			0.013	
4	PCB-054			ND			0.00096	
4	PCB-055			ND			0.0014	
4	PCB-056			ND			0.0032	
4	PCB-057			ND			0.00095	
4	PCB-058			ND			0.0012	
4	PCB-059/062/075			ND			0.0022	
4	PCB-060			ND			0.0018	
4	PCB-061/070/074/076			ND			0.0075	
4	PCB-063			ND			0.00082	
4	PCB-064			ND			0.0021	
4	PCB-066			ND			0.0039	
4	PCB-067			ND			0.0011	
4	PCB-068			ND			0.0010	
4	PCB-072			ND			0.00074	
4	PCB-077			ND			0.0013	
4	PCB-078			ND			0.0011	
4	PCB-079			ND			0.00074	
4	PCB-080			ND			0.0010	
4	PCB-081			ND			0.00070	
5	PCB-082			ND			0.0013	
5	PCB-083			ND			0.0011	
5	PCB-084			ND			0.0022	
5	PCB-085/116/117			ND			0.0029	
5	PCB-086/087/097/108/119/12			ND			0.0055	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10702026009
Lab File ID: P240824A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 13:20
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 07:43
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1920mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND			0.0017	
5	PCB-089			ND			0.0012	
5	PCB-090/101/113	33.37	1.56	0.98			0.0043	
5	PCB-092	32.75	1.56	0.32			0.00091	
5	PCB-093/098/100/102			ND			0.0039	
5	PCB-094			ND			0.00078	
5	PCB-095	30.24	1.55	0.67			0.0059	
5	PCB-096			ND			0.00079	
5	PCB-099	33.99	1.58	0.44			0.0018	
5	PCB-103			ND			0.00065	
5	PCB-104			ND			0.0012	
5	PCB-105			ND			0.0027	
5	PCB-106			ND			0.0011	
5	PCB-107/124			ND			0.0019	
5	PCB-109			ND			0.0013	
5	PCB-110/115	35.42	1.57	0.68			0.0048	
5	PCB-111			ND			0.00082	
5	PCB-112			ND			0.0013	
5	PCB-114			ND			0.0011	
5	PCB-118			ND			0.0048	
5	PCB-120			ND			0.00080	
5	PCB-121			ND			0.0011	
5	PCB-122			ND			0.0011	
5	PCB-123			ND			0.0012	
5	PCB-126			ND			0.00067	
5	PCB-127			ND			0.0011	
6	PCB-128/166			ND			0.0023	
6	PCB-129/138/163	41.76	1.25	1.7			0.0047	
6	PCB-130			ND			0.0011	
6	PCB-131			ND			0.0014	
6	PCB-132	38.66	1.22	0.42			0.0016	
6	PCB-133			ND			0.00098	
6	PCB-134/143			ND			0.0026	
6	PCB-135/151	36.40	1.23	0.94			0.0028	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10702026009
Lab File ID: P240824A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 13:20
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 07:43
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1920mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND			0.0014	
6	PCB-137			ND			0.0015	
6	PCB-139/140			ND			0.0020	
6	PCB-141	40.67	1.22	0.31			0.0018	
6	PCB-142			ND			0.0013	
6	PCB-144			ND			0.00084	
6	PCB-145			ND			0.00096	
6	PCB-146	39.85	1.22	0.37			0.0012	
6	PCB-147/149	37.35	1.24	1.8			0.0036	
6	PCB-148			ND			0.00097	
6	PCB-150			ND			0.00099	
6	PCB-152			ND			0.00079	
6	PCB-153/168	40.48	1.25	1.8			0.0028	
6	PCB-154			ND			0.0012	
6	PCB-155			ND			0.0011	
6	PCB-156/157			ND			0.0015	
6	PCB-158			ND			0.0011	
6	PCB-159			ND			0.0010	
6	PCB-160			ND			0.0012	
6	PCB-161			ND			0.00058	
6	PCB-162			ND			0.0010	
6	PCB-164			ND			0.0013	
6	PCB-165			ND			0.00068	
6	PCB-167			ND			0.0015	
6	PCB-169			ND			0.00094	
7	PCB-170	48.71	1.03	0.50			0.0013	
7	PCB-171/173			ND			0.0017	
7	PCB-172			ND			0.0042	
7	PCB-174	44.01	1.05	0.64			0.0015	
7	PCB-175			ND			0.00099	
7	PCB-176			ND			0.00083	
7	PCB-177	44.46	1.02	0.41			0.0017	
7	PCB-178			ND			0.0011	
7	PCB-179	39.43	1.03	0.31			0.0013	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10702026009
Lab File ID: P240824A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 13:20
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 07:43
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1920mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.42	1.04	1.2			0.0038	
7	PCB-181			ND			0.0014	
7	PCB-182			ND			0.0011	
7	PCB-183/185			ND			0.0025	
7	PCB-184			ND			0.00059	
7	PCB-186			ND			0.0014	
7	PCB-187	43.15	1.04	0.87			0.0015	
7	PCB-188			ND			0.00066	
7	PCB-189			ND			0.0010	
7	PCB-190			ND			0.0015	
7	PCB-191			ND			0.0013	
7	PCB-192			ND			0.0013	
8	PCB-194			ND			0.0011	
8	PCB-195			ND			0.0014	
8	PCB-196			ND			0.0010	
8	PCB-197/200			ND			0.0017	
8	PCB-198/199			ND			0.0018	
8	PCB-201			ND			0.00053	
8	PCB-202			ND			0.0011	
8	PCB-203			ND			0.00094	
8	PCB-204			ND			0.0011	
8	PCB-205			ND			0.0013	
9	PCB-206			ND			0.0018	
9	PCB-207			ND			0.0012	
9	PCB-208			ND			0.0011	
10	PCB-209			ND			0.0065	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10702026009
Lab File ID: P240824A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 13:20
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 07:43
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1920mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.42	
Total TrCB	0.38	
Total TeCB	3.0	
Total PeCB	3.1	
Total HxCB	7.3	
Total HpCB	4.0	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	18	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **HR-D1**
Lab Sample ID: 10702026010
Lab File ID: P240824A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 08:44
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114316

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.35	3.09	2.0	0.74	37
1	PCB-003L	13.15	3.13	2.0	0.85	42
2	PCB-004L	13.46	1.51	2.0	0.76	38
2	PCB-015L	20.57	1.60	2.0	0.94	47
3	PCB-019L	17.28	1.04	2.0	0.73	36
3	PCB-037L	28.37	1.07	2.0	1.3	65
4	PCB-054L	20.91	0.79	2.0	0.67	33
4	PCB-077L	36.11	0.79	2.0	1.8	92
4	PCB-081L	35.52	0.79	2.0	1.7	87
5	PCB-104L	27.03	1.57	2.0	0.67	34
5	PCB-105L	39.73	1.60	2.0	1.7	87
5	PCB-114L	39.08	1.60	2.0	1.6	82
5	PCB-118L	38.51	1.63	2.0	1.7	84
5	PCB-123L	38.17	1.57	2.0	1.6	80
5	PCB-126L	42.90	1.62	2.0	2.1	105
6	PCB-155L	33.11	1.27	2.0	0.88	44
6	PCB-156/157L	45.98	1.29	4.0	3.5	88
6	PCB-167L	44.80	1.28	2.0	1.8	88
6	PCB-169L	49.28	1.26	2.0	1.9	95
7	PCB-188L	39.05	1.02	2.0	1.3	67
7	PCB-189L	51.84	1.08	2.0	1.8	91
8	PCB-202L	44.54	0.89	2.0	1.6	79
8	PCB-205L	54.45	0.89	2.0	1.7	86
9	PCB-206L	56.19	0.79	2.0	1.6	81
9	PCB-208L	51.35	0.79	2.0	1.6	82
10	PCB-209L	57.83	0.70	2.0	1.6	82
Recovery Standards						
2	PCB-009L	15.92	1.58	2.0	2.1	N/A
4	PCB-052L	25.98	0.79	2.0	2.1	N/A
5	PCB-101L	33.32	1.57	2.0	2.1	N/A
6	PCB-138L	41.71	1.26	2.0	2.3	N/A
8	PCB-194L	53.95	0.91	2.0	2.2	N/A
Cleanup Standards						
3	PCB-028L	23.99	1.06	2.0	1.6	78
5	PCB-111L	36.12	1.59	2.0	1.7	84
7	PCB-178L	42.17	1.04	2.0	1.8	88

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **HR-D1**
Lab Sample ID: 10702026010
Lab File ID: P240824A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 08:44
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND			0.0042	
1	PCB-002			ND			0.0043	
1	PCB-003			ND			0.0080	
2	PCB-004	13.48	1.56	0.49			0.0054	
2	PCB-005			ND			0.0058	
2	PCB-006			ND			0.0029	
2	PCB-007			ND			0.0028	
2	PCB-008			ND			0.0057	
2	PCB-009			ND			0.0011	
2	PCB-010			ND			0.0013	
2	PCB-011			ND			0.062	
2	PCB-012/013			ND			0.0031	
2	PCB-014			ND			0.0011	
2	PCB-015			ND			0.0062	
3	PCB-016			ND			0.0035	
3	PCB-017			ND			0.0039	
3	PCB-018/030			ND			0.0063	
3	PCB-019	17.30	1.05	0.46			0.0033	
3	PCB-020/028			ND			0.0072	
3	PCB-021/033			ND			0.0059	
3	PCB-022			ND			0.0039	
3	PCB-023			ND			0.0012	
3	PCB-024			ND			0.0013	
3	PCB-025			ND			0.0015	
3	PCB-026/029			ND			0.0025	
3	PCB-027			ND			0.0011	
3	PCB-031			ND			0.0087	
3	PCB-032			ND			0.0029	
3	PCB-034			ND			0.0012	
3	PCB-035			ND			0.0012	
3	PCB-036			ND			0.0011	
3	PCB-037			ND			0.0029	
3	PCB-038			ND			0.0012	
3	PCB-039			ND			0.0015	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **HR-D1**
Lab Sample ID: 10702026010
Lab File ID: P240824A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 08:44
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND			0.0049	
4	PCB-042			ND			0.0026	
4	PCB-043/073			ND			0.0024	
4	PCB-044/047/065	27.16	0.78	1.6			0.0069	
4	PCB-045/051			ND			0.0036	
4	PCB-046			ND			0.0016	
4	PCB-048			ND			0.0019	
4	PCB-069/049	26.56	0.77	0.89			0.0040	
4	PCB-050/053			ND			0.0021	
4	PCB-052			ND			0.014	
4	PCB-054			ND			0.0011	
4	PCB-055			ND			0.0016	
4	PCB-056			ND			0.0037	
4	PCB-057			ND			0.0011	
4	PCB-058			ND			0.0014	
4	PCB-059/062/075			ND			0.0025	
4	PCB-060			ND			0.0020	
4	PCB-061/070/074/076			ND			0.0086	
4	PCB-063			ND			0.00094	
4	PCB-064			ND			0.0024	
4	PCB-066			ND			0.0045	
4	PCB-067			ND			0.0013	
4	PCB-068			ND			0.0012	
4	PCB-072			ND			0.00084	
4	PCB-077			ND			0.0014	
4	PCB-078			ND			0.0012	
4	PCB-079			ND			0.00084	
4	PCB-080			ND			0.0012	
4	PCB-081			ND			0.00080	
5	PCB-082			ND			0.0014	
5	PCB-083			ND			0.0012	
5	PCB-084			ND			0.0025	
5	PCB-085/116/117			ND			0.0033	
5	PCB-086/087/097/108/119/12			ND			0.0063	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **HR-D1**
Lab Sample ID: 10702026010
Lab File ID: P240824A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 08:44
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND			0.0019	
5	PCB-089			ND			0.0014	
5	PCB-090/101/113	33.35	1.57	1.0			0.0049	
5	PCB-092	32.73	1.57	0.33			0.0010	
5	PCB-093/098/100/102			ND			0.0044	
5	PCB-094			ND			0.00089	
5	PCB-095	30.23	1.55	0.65			0.0067	
5	PCB-096			ND			0.00090	
5	PCB-099	33.97	1.55	0.45			0.0020	
5	PCB-103			ND			0.00074	
5	PCB-104			ND			0.0014	
5	PCB-105			ND			0.0031	
5	PCB-106			ND			0.0012	
5	PCB-107/124			ND			0.0022	
5	PCB-109			ND			0.0015	
5	PCB-110/115	35.41	1.58	0.76			0.0055	
5	PCB-111			ND			0.00094	
5	PCB-112			ND			0.0015	
5	PCB-114			ND			0.0012	
5	PCB-118			ND			0.0055	
5	PCB-120			ND			0.00092	
5	PCB-121			ND			0.0013	
5	PCB-122			ND			0.0013	
5	PCB-123			ND			0.0014	
5	PCB-126			ND			0.00077	
5	PCB-127			ND			0.0012	
6	PCB-128/166			ND			0.0026	
6	PCB-129/138/163	41.75	1.26	2.1			0.0054	
6	PCB-130			ND			0.0013	
6	PCB-131			ND			0.0016	
6	PCB-132	38.64	1.24	0.49			0.0018	
6	PCB-133			ND			0.0011	
6	PCB-134/143			ND			0.0029	
6	PCB-135/151	36.37	1.24	1.0			0.0032	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **HR-D1**
Lab Sample ID: 10702026010
Lab File ID: P240824A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 08:44
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND			0.0016	
6	PCB-137			ND			0.0017	
6	PCB-139/140			ND			0.0022	
6	PCB-141	40.66	1.22	0.35			0.0021	
6	PCB-142			ND			0.0015	
6	PCB-144			ND			0.00096	
6	PCB-145			ND			0.0011	
6	PCB-146	39.82	1.22	0.44			0.0014	
6	PCB-147/149	37.34	1.26	2.0			0.0041	
6	PCB-148			ND			0.0011	
6	PCB-150			ND			0.0011	
6	PCB-152			ND			0.00091	
6	PCB-153/168	40.46	1.25	2.0			0.0032	
6	PCB-154			ND			0.0014	
6	PCB-155			ND			0.0012	
6	PCB-156/157			ND			0.0018	
6	PCB-158			ND			0.0013	
6	PCB-159			ND			0.0012	
6	PCB-160			ND			0.0014	
6	PCB-161			ND			0.00067	
6	PCB-162			ND			0.0012	
6	PCB-164			ND			0.0015	
6	PCB-165			ND			0.00078	
6	PCB-167			ND			0.0017	
6	PCB-169			ND			0.0011	
7	PCB-170	48.69	1.03	0.66			0.0015	
7	PCB-171/173			ND			0.0020	
7	PCB-172			ND			0.0048	
7	PCB-174	44.00	1.04	0.80			0.0017	
7	PCB-175			ND			0.0011	
7	PCB-176			ND			0.00095	
7	PCB-177	44.45	1.04	0.51			0.0020	
7	PCB-178			ND			0.0013	
7	PCB-179	39.42	1.05	0.36			0.0015	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **HR-D1**
Lab Sample ID: 10702026010
Lab File ID: P240824A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 08:44
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.40	1.05	1.6			0.0044	
7	PCB-181			ND			0.0016	
7	PCB-182			ND			0.0013	
7	PCB-183/185			ND			0.0029	
7	PCB-184			ND			0.00067	
7	PCB-186			ND			0.0016	
7	PCB-187	43.12	1.02	1.1			0.0018	
7	PCB-188			ND			0.00076	
7	PCB-189			ND			0.0012	
7	PCB-190			ND			0.0017	
7	PCB-191			ND			0.0015	
7	PCB-192			ND			0.0015	
8	PCB-194			ND			0.0012	
8	PCB-195			ND			0.0016	
8	PCB-196			ND			0.0012	
8	PCB-197/200			ND			0.0020	
8	PCB-198/199			ND			0.0021	
8	PCB-201			ND			0.00061	
8	PCB-202			ND			0.0013	
8	PCB-203			ND			0.0011	
8	PCB-204			ND			0.0012	
8	PCB-205			ND			0.0015	
9	PCB-206			ND			0.0021	
9	PCB-207			ND			0.0014	
9	PCB-208			ND			0.0013	
10	PCB-209			ND			0.0075	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **HR-D1**
Lab Sample ID: 10702026010
Lab File ID: P240824A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 08:44
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.49	
Total TrCB	0.46	
Total TeCB	2.4	
Total PeCB	3.2	
Total HxCB	8.5	
Total HpCB	5.0	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	20	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10702026011
Lab File ID: P240824A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 15:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 09:45
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114316

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1700mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.28	3.12	2.0	1.1	53
1	PCB-003L	13.12	3.10	2.0	1.2	62
2	PCB-004L	13.42	1.53	2.0	1.1	55
2	PCB-015L	20.55	1.59	2.0	1.4	72
3	PCB-019L	17.26	1.05	2.0	1.0	52
3	PCB-037L	28.37	1.09	2.0	1.6	82
4	PCB-054L	20.90	0.78	2.0	1.0	51
4	PCB-077L	36.11	0.82	2.0	2.0	101
4	PCB-081L	35.53	0.80	2.0	1.9	97
5	PCB-104L	27.04	1.57	2.0	1.2	60
5	PCB-105L	39.74	1.60	2.0	1.9	94
5	PCB-114L	39.08	1.62	2.0	1.8	91
5	PCB-118L	38.53	1.61	2.0	1.8	91
5	PCB-123L	38.18	1.59	2.0	1.8	89
5	PCB-126L	42.91	1.58	2.0	2.3	114
6	PCB-155L	33.11	1.25	2.0	1.3	64
6	PCB-156/157L	46.00	1.28	4.0	3.5	89
6	PCB-167L	44.81	1.29	2.0	1.7	87
6	PCB-169L	49.28	1.29	2.0	1.9	97
7	PCB-188L	39.05	1.01	2.0	1.4	71
7	PCB-189L	51.84	1.08	2.0	1.8	88
8	PCB-202L	44.56	0.88	2.0	1.5	77
8	PCB-205L	54.45	0.90	2.0	1.7	84
9	PCB-206L	56.20	0.79	2.0	1.6	79
9	PCB-208L	51.35	0.77	2.0	1.7	83
10	PCB-209L	57.84	0.70	2.0	1.6	80
Recovery Standards						
2	PCB-009L	15.90	1.58	2.0	2.0	N/A
4	PCB-052L	25.99	0.80	2.0	1.9	N/A
5	PCB-101L	33.33	1.62	2.0	2.0	N/A
6	PCB-138L	41.73	1.26	2.0	2.3	N/A
8	PCB-194L	53.98	0.91	2.0	2.3	N/A
Cleanup Standards						
3	PCB-028L	24.00	1.06	2.0	1.7	83
5	PCB-111L	36.15	1.58	2.0	1.7	87
7	PCB-178L	42.17	1.04	2.0	1.8	89

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10702026011
Lab File ID: P240824A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 15:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 09:45
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1700mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND			0.0042	
1	PCB-002			ND			0.0042	
1	PCB-003			ND			0.0079	
2	PCB-004	13.45	1.55	1.9			0.0053	
2	PCB-005			ND			0.0057	
2	PCB-006			ND			0.0029	
2	PCB-007			ND			0.0027	
2	PCB-008			ND			0.0056	
2	PCB-009			ND			0.0011	
2	PCB-010			ND			0.0013	
2	PCB-011			ND			0.061	
2	PCB-012/013			ND			0.0031	
2	PCB-014			ND			0.0011	
2	PCB-015			ND			0.0061	
3	PCB-016			ND			0.0034	
3	PCB-017	19.99	1.04	0.32			0.0038	
3	PCB-018/030			ND			0.0062	
3	PCB-019	17.28	1.03	1.5			0.0032	
3	PCB-020/028			ND			0.0071	
3	PCB-021/033			ND			0.0058	
3	PCB-022			ND			0.0038	
3	PCB-023			ND			0.0012	
3	PCB-024			ND			0.0013	
3	PCB-025	23.35	1.05	0.17			0.0015	
3	PCB-026/029			ND			0.0024	
3	PCB-027	20.23	1.01	0.26			0.0010	
3	PCB-031			ND			0.0085	
3	PCB-032	21.13	1.08	0.37			0.0029	
3	PCB-034			ND			0.0011	
3	PCB-035			ND			0.0012	
3	PCB-036			ND			0.0011	
3	PCB-037			ND			0.0028	
3	PCB-038			ND			0.0012	
3	PCB-039			ND			0.0015	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10702026011
Lab File ID: P240824A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 15:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 09:45
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1700mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND			0.0048	
4	PCB-042			ND			0.0026	
4	PCB-043/073			ND			0.0023	
4	PCB-044/047/065	27.17	0.77	3.4			0.0068	
4	PCB-045/051	24.20	0.77	1.8			0.0035	
4	PCB-046			ND			0.0016	
4	PCB-048			ND			0.0019	
4	PCB-069/049	26.56	0.78	2.1			0.0040	
4	PCB-050/053	23.36	0.78	1.8			0.0020	
4	PCB-052	26.02	0.78	1.4			0.014	
4	PCB-054	20.93	0.78	0.62			0.0011	
4	PCB-055			ND			0.0016	
4	PCB-056			ND			0.0036	
4	PCB-057			ND			0.0011	
4	PCB-058			ND			0.0014	
4	PCB-059/062/075			ND			0.0024	
4	PCB-060			ND			0.0020	
4	PCB-061/070/074/076			ND			0.0085	
4	PCB-063			ND			0.00092	
4	PCB-064			ND			0.0023	
4	PCB-066			ND			0.0044	
4	PCB-067			ND			0.0013	
4	PCB-068			ND			0.0012	
4	PCB-072			ND			0.00083	
4	PCB-077			ND			0.0014	
4	PCB-078			ND			0.0012	
4	PCB-079			ND			0.00083	
4	PCB-080			ND			0.0012	
4	PCB-081			ND			0.00079	
5	PCB-082			ND			0.0014	
5	PCB-083			ND			0.0012	
5	PCB-084			ND			0.0025	
5	PCB-085/116/117			ND			0.0033	
5	PCB-086/087/097/108/119/12			ND			0.0062	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10702026011
Lab File ID: P240824A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 15:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 09:45
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1700mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND			0.0019	
5	PCB-089			ND			0.0013	
5	PCB-090/101/113	33.36	1.56	1.5			0.0048	
5	PCB-092	32.74	1.60	0.49			0.0010	
5	PCB-093/098/100/102			ND			0.0043	
5	PCB-094			ND			0.00088	
5	PCB-095	30.25	1.58	1.0			0.0066	
5	PCB-096			ND			0.00089	
5	PCB-099	33.98	1.54	0.68			0.0020	
5	PCB-103			ND			0.00073	
5	PCB-104			ND			0.0014	
5	PCB-105			ND			0.0030	
5	PCB-106			ND			0.0012	
5	PCB-107/124			ND			0.0021	
5	PCB-109			ND			0.0015	
5	PCB-110/115	35.42	1.56	1.1			0.0054	
5	PCB-111			ND			0.00093	
5	PCB-112			ND			0.0015	
5	PCB-114			ND			0.0012	
5	PCB-118	38.55	1.60	0.46			0.0055	
5	PCB-120			ND			0.00090	
5	PCB-121			ND			0.0012	
5	PCB-122			ND			0.0013	
5	PCB-123			ND			0.0014	
5	PCB-126			ND			0.00075	
5	PCB-127			ND			0.0012	
6	PCB-128/166			ND			0.0025	
6	PCB-129/138/163	41.75	1.24	2.3			0.0053	
6	PCB-130			ND			0.0013	
6	PCB-131			ND			0.0016	
6	PCB-132	38.65	1.27	0.58			0.0018	
6	PCB-133			ND			0.0011	
6	PCB-134/143			ND			0.0029	
6	PCB-135/151	36.39	1.25	1.2			0.0032	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10702026011
Lab File ID: P240824A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 15:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 09:45
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1700mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.87	1.23	0.34			0.0016	
6	PCB-137			ND			0.0017	
6	PCB-139/140			ND			0.0022	
6	PCB-141	40.66	1.26	0.42			0.0021	
6	PCB-142			ND			0.0014	
6	PCB-144			ND			0.00095	
6	PCB-145			ND			0.0011	
6	PCB-146	39.84	1.24	0.48			0.0013	
6	PCB-147/149	37.36	1.25	2.5			0.0040	
6	PCB-148			ND			0.0011	
6	PCB-150			ND			0.0011	
6	PCB-152			ND			0.00089	
6	PCB-153/168	40.48	1.25	2.3			0.0032	
6	PCB-154			ND			0.0014	
6	PCB-155			ND			0.0012	
6	PCB-156/157			ND			0.0017	
6	PCB-158			ND			0.0013	
6	PCB-159			ND			0.0012	
6	PCB-160			ND			0.0013	
6	PCB-161			ND			0.00065	
6	PCB-162			ND			0.0012	
6	PCB-164			ND			0.0015	
6	PCB-165			ND			0.00076	
6	PCB-167			ND			0.0017	
6	PCB-169			ND			0.0011	
7	PCB-170	48.70	1.02	0.75			0.0015	
7	PCB-171/173			ND			0.0019	
7	PCB-172			ND			0.0047	
7	PCB-174	44.00	1.03	0.89			0.0017	
7	PCB-175			ND			0.0011	
7	PCB-176			ND			0.00093	
7	PCB-177	44.46	1.03	0.58			0.0019	
7	PCB-178			ND			0.0012	
7	PCB-179	39.42	1.03	0.42			0.0015	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10702026011
Lab File ID: P240824A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 15:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 09:45
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1700mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.41	1.04	1.8			0.0043	
7	PCB-181			ND			0.0016	
7	PCB-182			ND			0.0013	
7	PCB-183/185	43.78	1.04	0.60			0.0028	
7	PCB-184			ND			0.00066	
7	PCB-186			ND			0.0015	
7	PCB-187	43.14	1.06	1.2			0.0017	
7	PCB-188			ND			0.00074	
7	PCB-189			ND			0.0012	
7	PCB-190			ND			0.0016	
7	PCB-191			ND			0.0015	
7	PCB-192			ND			0.0015	
8	PCB-194			ND			0.0012	
8	PCB-195			ND			0.0016	
8	PCB-196			ND			0.0012	
8	PCB-197/200			ND			0.0020	
8	PCB-198/199			ND			0.0020	
8	PCB-201			ND			0.00060	
8	PCB-202			ND			0.0013	
8	PCB-203			ND			0.0011	
8	PCB-204			ND			0.0012	
8	PCB-205			ND			0.0015	
9	PCB-206			ND			0.0021	
9	PCB-207			ND			0.0014	
9	PCB-208			ND			0.0012	
10	PCB-209			ND			0.0074	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10702026011
Lab File ID: P240824A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 15:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 09:45
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1700mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	1.9	
Total TrCB	2.6	
Total TeCB	11	
Total PeCB	5.3	
Total HxCB	10	
Total HpCB	6.3	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	37	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10702026012
Lab File ID: P240824A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 16:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 10:47
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114316

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.28	3.05	2.0	1.2	58
1	PCB-003L	13.11	3.06	2.0	1.4	68
2	PCB-004L	13.41	1.54	2.0	1.2	60
2	PCB-015L	20.54	1.59	2.0	1.5	75
3	PCB-019L	17.26	1.06	2.0	1.2	59
3	PCB-037L	28.37	1.08	2.0	1.6	79
4	PCB-054L	20.89	0.78	2.0	1.2	58
4	PCB-077L	36.10	0.81	2.0	1.8	91
4	PCB-081L	35.53	0.80	2.0	1.8	88
5	PCB-104L	27.04	1.56	2.0	1.3	67
5	PCB-105L	39.74	1.61	2.0	1.7	83
5	PCB-114L	39.08	1.63	2.0	1.7	83
5	PCB-118L	38.51	1.61	2.0	1.7	84
5	PCB-123L	38.18	1.55	2.0	1.6	81
5	PCB-126L	42.91	1.62	2.0	2.0	102
6	PCB-155L	33.11	1.26	2.0	1.4	71
6	PCB-156/157L	45.98	1.28	4.0	3.4	85
6	PCB-167L	44.81	1.30	2.0	1.7	84
6	PCB-169L	49.28	1.29	2.0	1.9	94
7	PCB-188L	39.05	1.04	2.0	1.4	72
7	PCB-189L	51.84	1.06	2.0	1.8	89
8	PCB-202L	44.54	0.87	2.0	1.5	74
8	PCB-205L	54.45	0.88	2.0	1.7	83
9	PCB-206L	56.20	0.79	2.0	1.6	79
9	PCB-208L	51.35	0.78	2.0	1.7	83
10	PCB-209L	57.83	0.69	2.0	1.6	82
Recovery Standards						
2	PCB-009L	15.89	1.58	2.0	2.2	N/A
4	PCB-052L	25.99	0.81	2.0	2.1	N/A
5	PCB-101L	33.33	1.56	2.0	2.1	N/A
6	PCB-138L	41.72	1.26	2.0	2.3	N/A
8	PCB-194L	53.96	0.91	2.0	2.3	N/A
Cleanup Standards						
3	PCB-028L	24.00	1.06	2.0	1.6	82
5	PCB-111L	36.13	1.56	2.0	1.7	84
7	PCB-178L	42.17	1.05	2.0	1.8	88

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10702026012
Lab File ID: P240824A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 16:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 10:47
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND			0.0040	
1	PCB-002			ND			0.0040	
1	PCB-003			ND			0.0075	
2	PCB-004	13.43	1.56	4.0			0.0050	
2	PCB-005			ND			0.0054	
2	PCB-006			ND			0.0027	
2	PCB-007			ND			0.0026	
2	PCB-008			ND			0.0053	
2	PCB-009			ND			0.0011	
2	PCB-010	13.66	1.54	0.16			0.0012	
2	PCB-011			ND			0.058	
2	PCB-012/013			ND			0.0029	
2	PCB-014			ND			0.0010	
2	PCB-015	20.57	1.63	0.31			0.0057	
3	PCB-016			ND			0.0032	
3	PCB-017	19.98	1.05	0.84			0.0036	
3	PCB-018/030	19.49	1.05	0.64			0.0059	
3	PCB-019	17.28	1.04	3.2			0.0030	
3	PCB-020/028	24.01	1.07	0.83			0.0067	
3	PCB-021/033			ND			0.0055	
3	PCB-022			ND			0.0036	
3	PCB-023			ND			0.0011	
3	PCB-024			ND			0.0012	
3	PCB-025	23.33	1.04	0.45			0.0014	
3	PCB-026/029	23.05	1.06	0.50			0.0023	
3	PCB-027	20.22	1.06	0.59			0.0010	
3	PCB-031			ND			0.0081	
3	PCB-032	21.12	1.08	0.96			0.0027	
3	PCB-034			ND			0.0011	
3	PCB-035			ND			0.0011	
3	PCB-036			ND			0.0010	
3	PCB-037			ND			0.0027	
3	PCB-038			ND			0.0011	
3	PCB-039			ND			0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10702026012
Lab File ID: P240824A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 16:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 10:47
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.20	0.78	1.4			0.0046	
4	PCB-042	27.68	0.77	0.51			0.0024	
4	PCB-043/073			ND			0.0022	
4	PCB-044/047/065	27.17	0.78	9.4			0.0065	
4	PCB-045/051	24.20	0.78	6.2			0.0033	
4	PCB-046	24.44	0.78	0.37			0.0015	
4	PCB-048			ND			0.0018	
4	PCB-069/049	26.55	0.78	5.6			0.0038	
4	PCB-050/053	23.35	0.77	5.0			0.0019	
4	PCB-052	26.01	0.78	3.3			0.013	
4	PCB-054	20.92	0.78	1.6			0.0010	
4	PCB-055			ND			0.0015	
4	PCB-056			ND			0.0034	
4	PCB-057			ND			0.0010	
4	PCB-058			ND			0.0013	
4	PCB-059/062/075			ND			0.0023	
4	PCB-060			ND			0.0019	
4	PCB-061/070/074/076			ND			0.0080	
4	PCB-063			ND			0.00087	
4	PCB-064			ND			0.0022	
4	PCB-066	31.52	0.80	0.69			0.0042	
4	PCB-067			ND			0.0012	
4	PCB-068			ND			0.0011	
4	PCB-072			ND			0.00079	
4	PCB-077			ND			0.0013	
4	PCB-078			ND			0.0011	
4	PCB-079			ND			0.00079	
4	PCB-080			ND			0.0011	
4	PCB-081			ND			0.00075	
5	PCB-082			ND			0.0013	
5	PCB-083			ND			0.0012	
5	PCB-084	31.40	1.54	0.40			0.0023	
5	PCB-085/116/117			ND			0.0031	
5	PCB-086/087/097/108/119/12			ND			0.0059	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10702026012
Lab File ID: P240824A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 16:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 10:47
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.16	1.56	1.6			0.0018	
5	PCB-089			ND			0.0013	
5	PCB-090/101/113	33.35	1.55	3.7			0.0046	
5	PCB-092	32.73	1.54	1.3			0.00097	
5	PCB-093/098/100/102	30.50	1.55	1.2			0.0041	
5	PCB-094	29.77	1.57	0.34			0.00083	
5	PCB-095	30.24	1.57	2.7			0.0063	
5	PCB-096			ND			0.00084	
5	PCB-099	33.98	1.58	1.7			0.0019	
5	PCB-103	29.54	1.56	0.43			0.00069	
5	PCB-104			ND			0.0013	
5	PCB-105			ND			0.0029	
5	PCB-106			ND			0.0011	
5	PCB-107/124			ND			0.0020	
5	PCB-109			ND			0.0014	
5	PCB-110/115	35.42	1.56	2.4			0.0051	
5	PCB-111			ND			0.00088	
5	PCB-112			ND			0.0014	
5	PCB-114			ND			0.0011	
5	PCB-118	38.55	1.61	0.99			0.0052	
5	PCB-120			ND			0.00085	
5	PCB-121			ND			0.0012	
5	PCB-122			ND			0.0012	
5	PCB-123			ND			0.0013	
5	PCB-126			ND			0.00071	
5	PCB-127			ND			0.0011	
6	PCB-128/166			ND			0.0024	
6	PCB-129/138/163	41.75	1.24	6.5			0.0050	
6	PCB-130	41.08	1.25	0.32			0.0012	
6	PCB-131			ND			0.0015	
6	PCB-132	38.65	1.23	1.7			0.0017	
6	PCB-133			ND			0.0010	
6	PCB-134/143			ND			0.0027	
6	PCB-135/151	36.38	1.24	3.6			0.0030	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10702026012
Lab File ID: P240824A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 16:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 10:47
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.87	1.23	1.1			0.0015	
6	PCB-137			ND			0.0016	
6	PCB-139/140			ND			0.0021	
6	PCB-141	40.66	1.21	1.2			0.0020	
6	PCB-142			ND			0.0014	
6	PCB-144	36.97	1.24	0.31			0.00090	
6	PCB-145			ND			0.0010	
6	PCB-146	39.82	1.25	1.3			0.0013	
6	PCB-147/149	37.34	1.26	7.1			0.0038	
6	PCB-148			ND			0.0010	
6	PCB-150			ND			0.0011	
6	PCB-152			ND			0.00085	
6	PCB-153/168	40.46	1.24	6.6			0.0030	
6	PCB-154			ND			0.0013	
6	PCB-155			ND			0.0012	
6	PCB-156/157			ND			0.0016	
6	PCB-158	42.15	1.27	0.42			0.0012	
6	PCB-159			ND			0.0011	
6	PCB-160			ND			0.0013	
6	PCB-161			ND			0.00062	
6	PCB-162			ND			0.0011	
6	PCB-164	41.41	1.24	0.39			0.0014	
6	PCB-165			ND			0.00072	
6	PCB-167			ND			0.0016	
6	PCB-169			ND			0.0010	
7	PCB-170	48.70	1.03	2.5			0.0014	
7	PCB-171/173	45.09	1.05	0.78			0.0018	
7	PCB-172	46.73	1.03	0.50			0.0044	
7	PCB-174	44.00	1.03	2.9			0.0016	
7	PCB-175			ND			0.0011	
7	PCB-176	40.32	1.05	0.38			0.00088	
7	PCB-177	44.45	1.04	1.8			0.0018	
7	PCB-178	42.19	1.03	0.73			0.0012	
7	PCB-179	39.42	1.04	1.4			0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10702026012
Lab File ID: P240824A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 16:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 10:47
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.41	1.03	6.0			0.0041	
7	PCB-181			ND			0.0015	
7	PCB-182			ND			0.0012	
7	PCB-183/185	43.77	1.04	1.9			0.0027	
7	PCB-184			ND			0.00063	
7	PCB-186			ND			0.0015	
7	PCB-187	43.12	1.03	3.8			0.0016	
7	PCB-188			ND			0.00071	
7	PCB-189			ND			0.0011	
7	PCB-190	49.23	1.04	0.55			0.0015	
7	PCB-191			ND			0.0014	
7	PCB-192			ND			0.0014	
8	PCB-194	53.98	0.89	1.3			0.0011	
8	PCB-195	51.63	0.88	0.58			0.0015	
8	PCB-196	50.05	0.88	0.70			0.0011	
8	PCB-197/200			ND			0.0019	
8	PCB-198/199	49.38	0.89	1.5			0.0019	
8	PCB-201			ND			0.00057	
8	PCB-202			ND			0.0012	
8	PCB-203	50.27	0.89	0.84			0.0010	
8	PCB-204			ND			0.0011	
8	PCB-205			ND			0.0014	
9	PCB-206			ND			0.0020	
9	PCB-207			ND			0.0013	
9	PCB-208			ND			0.0012	
10	PCB-209			ND			0.0070	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10702026012
Lab File ID: P240824A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 07/25/2024 16:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 10:47
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	4.5	
Total TrCB	8.0	
Total TeCB	34	
Total PeCB	17	
Total HxCB	30	
Total HpCB	23	
Total OcCB	4.9	
Total NoCB	ND	
DeCB	ND	
Total PCBs	120	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10702026014
Lab File ID: P240824A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 12:49
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114316

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1610mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.25	3.14	2.0	1.0	51
1	PCB-003L	13.08	3.12	2.0	1.2	60
2	PCB-004L	13.39	1.56	2.0	1.1	56
2	PCB-015L	20.54	1.59	2.0	1.5	75
3	PCB-019L	17.24	1.04	2.0	1.1	57
3	PCB-037L	28.37	1.08	2.0	1.6	79
4	PCB-054L	20.89	0.78	2.0	1.2	59
4	PCB-077L	36.10	0.79	2.0	1.7	87
4	PCB-081L	35.53	0.79	2.0	1.7	84
5	PCB-104L	27.04	1.56	2.0	1.3	67
5	PCB-105L	39.74	1.61	2.0	1.7	86
5	PCB-114L	39.08	1.62	2.0	1.7	85
5	PCB-118L	38.51	1.59	2.0	1.7	84
5	PCB-123L	38.18	1.58	2.0	1.6	82
5	PCB-126L	42.91	1.59	2.0	2.0	98
6	PCB-155L	33.11	1.26	2.0	1.3	67
6	PCB-156/157L	45.98	1.30	4.0	3.2	79
6	PCB-167L	44.81	1.30	2.0	1.6	80
6	PCB-169L	49.28	1.28	2.0	1.8	91
7	PCB-188L	39.05	1.04	2.0	1.5	73
7	PCB-189L	51.84	1.08	2.0	1.7	85
8	PCB-202L	44.54	0.90	2.0	1.4	72
8	PCB-205L	54.45	0.89	2.0	1.6	79
9	PCB-206L	56.20	0.80	2.0	1.5	74
9	PCB-208L	51.35	0.79	2.0	1.6	79
10	PCB-209L	57.83	0.71	2.0	1.6	79
Recovery Standards						
2	PCB-009L	15.87	1.59	2.0	2.3	N/A
4	PCB-052L	25.99	0.78	2.0	2.3	N/A
5	PCB-101L	33.33	1.54	2.0	2.2	N/A
6	PCB-138L	41.72	1.26	2.0	2.4	N/A
8	PCB-194L	53.96	0.93	2.0	2.4	N/A
Cleanup Standards						
3	PCB-028L	23.98	1.06	2.0	1.5	75
5	PCB-111L	36.13	1.55	2.0	1.6	79
7	PCB-178L	42.17	1.07	2.0	1.7	83

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10702026014
Lab File ID: P240824A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 12:49
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1610mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.26	3.20	0.21			0.0044	
1	PCB-002			ND			0.0045	
1	PCB-003			ND			0.0083	
2	PCB-004	13.41	1.55	6.2			0.0056	
2	PCB-005			ND			0.0060	
2	PCB-006			ND			0.0030	
2	PCB-007			ND			0.0029	
2	PCB-008			ND			0.0059	
2	PCB-009			ND			0.0012	
2	PCB-010	13.64	1.55	0.21			0.0013	
2	PCB-011			ND			0.065	
2	PCB-012/013			ND			0.0033	
2	PCB-014			ND			0.0011	
2	PCB-015	20.57	1.60	0.24			0.0064	
3	PCB-016			ND			0.0036	
3	PCB-017	19.97	1.03	0.78			0.0040	
3	PCB-018/030	19.48	1.04	0.44			0.0066	
3	PCB-019	17.26	1.05	4.6			0.0034	
3	PCB-020/028			ND			0.0075	
3	PCB-021/033			ND			0.0062	
3	PCB-022			ND			0.0041	
3	PCB-023			ND			0.0012	
3	PCB-024			ND			0.0014	
3	PCB-025	23.33	1.05	0.18			0.0016	
3	PCB-026/029			ND			0.0026	
3	PCB-027	20.21	1.05	0.64			0.0011	
3	PCB-031			ND			0.0090	
3	PCB-032	21.12	1.07	0.74			0.0030	
3	PCB-034			ND			0.0012	
3	PCB-035			ND			0.0012	
3	PCB-036			ND			0.0012	
3	PCB-037			ND			0.0030	
3	PCB-038			ND			0.0012	
3	PCB-039			ND			0.0016	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10702026014
Lab File ID: P240824A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 12:49
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1610mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND			0.0051	
4	PCB-042			ND			0.0027	
4	PCB-043/073			ND			0.0024	
4	PCB-044/047/065	27.17	0.78	4.6			0.0072	
4	PCB-045/051	24.20	0.78	3.7			0.0037	
4	PCB-046			ND			0.0017	
4	PCB-048			ND			0.0020	
4	PCB-069/049	26.55	0.78	2.6			0.0042	
4	PCB-050/053	23.35	0.78	2.5			0.0021	
4	PCB-052	26.01	0.78	2.0			0.015	
4	PCB-054	20.92	0.78	1.2			0.0011	
4	PCB-055			ND			0.0017	
4	PCB-056			ND			0.0038	
4	PCB-057			ND			0.0011	
4	PCB-058			ND			0.0015	
4	PCB-059/062/075			ND			0.0026	
4	PCB-060			ND			0.0021	
4	PCB-061/070/074/076			ND			0.0090	
4	PCB-063			ND			0.00097	
4	PCB-064			ND			0.0024	
4	PCB-066			ND			0.0047	
4	PCB-067			ND			0.0014	
4	PCB-068			ND			0.0012	
4	PCB-072			ND			0.00087	
4	PCB-077			ND			0.0015	
4	PCB-078			ND			0.0013	
4	PCB-079			ND			0.00087	
4	PCB-080			ND			0.0012	
4	PCB-081			ND			0.00083	
5	PCB-082			ND			0.0015	
5	PCB-083			ND			0.0013	
5	PCB-084			ND			0.0026	
5	PCB-085/116/117			ND			0.0034	
5	PCB-086/087/097/108/119/12			ND			0.0066	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10702026014
Lab File ID: P240824A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 12:49
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1610mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.16	1.57	0.71			0.0020	
5	PCB-089			ND			0.0014	
5	PCB-090/101/113	33.36	1.56	2.1			0.0051	
5	PCB-092	32.74	1.56	0.56			0.0011	
5	PCB-093/098/100/102			ND			0.0046	
5	PCB-094			ND			0.00092	
5	PCB-095	30.24	1.57	1.7			0.0070	
5	PCB-096			ND			0.00094	
5	PCB-099	33.98	1.54	0.72			0.0021	
5	PCB-103			ND			0.00077	
5	PCB-104			ND			0.0014	
5	PCB-105			ND			0.0032	
5	PCB-106			ND			0.0013	
5	PCB-107/124			ND			0.0022	
5	PCB-109			ND			0.0016	
5	PCB-110/115	35.42	1.55	1.4			0.0057	
5	PCB-111			ND			0.00098	
5	PCB-112			ND			0.0015	
5	PCB-114			ND			0.0013	
5	PCB-118	38.55	1.62	0.57			0.0058	
5	PCB-120			ND			0.00095	
5	PCB-121			ND			0.0013	
5	PCB-122			ND			0.0014	
5	PCB-123			ND			0.0015	
5	PCB-126			ND			0.00079	
5	PCB-127			ND			0.0013	
6	PCB-128/166			ND			0.0027	
6	PCB-129/138/163	41.75	1.25	3.8			0.0056	
6	PCB-130			ND			0.0014	
6	PCB-131			ND			0.0016	
6	PCB-132	38.65	1.25	1.0			0.0018	
6	PCB-133			ND			0.0012	
6	PCB-134/143			ND			0.0031	
6	PCB-135/151	36.38	1.25	2.1			0.0033	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10702026014
Lab File ID: P240824A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 12:49
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1610mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.87	1.23	0.65			0.0017	
6	PCB-137			ND			0.0018	
6	PCB-139/140			ND			0.0023	
6	PCB-141	40.66	1.25	0.81			0.0022	
6	PCB-142			ND			0.0015	
6	PCB-144			ND			0.0010	
6	PCB-145			ND			0.0011	
6	PCB-146	39.82	1.25	0.71			0.0014	
6	PCB-147/149	37.34	1.26	4.3			0.0043	
6	PCB-148			ND			0.0012	
6	PCB-150			ND			0.0012	
6	PCB-152			ND			0.00094	
6	PCB-153/168	40.46	1.26	3.9			0.0033	
6	PCB-154			ND			0.0015	
6	PCB-155			ND			0.0013	
6	PCB-156/157			ND			0.0018	
6	PCB-158			ND			0.0014	
6	PCB-159			ND			0.0012	
6	PCB-160			ND			0.0014	
6	PCB-161			ND			0.00069	
6	PCB-162			ND			0.0012	
6	PCB-164			ND			0.0015	
6	PCB-165			ND			0.00081	
6	PCB-167			ND			0.0018	
6	PCB-169			ND			0.0011	
7	PCB-170	48.70	1.03	1.5			0.0016	
7	PCB-171/173			ND			0.0020	
7	PCB-172			ND			0.0050	
7	PCB-174	44.00	1.05	1.6			0.0018	
7	PCB-175			ND			0.0012	
7	PCB-176			ND			0.00098	
7	PCB-177	44.45	1.03	1.0			0.0020	
7	PCB-178	42.20	1.02	0.42			0.0013	
7	PCB-179	39.42	1.05	0.89			0.0015	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10702026014
Lab File ID: P240824A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 12:49
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1610mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.40	1.04	3.5			0.0045	
7	PCB-181			ND			0.0016	
7	PCB-182			ND			0.0014	
7	PCB-183/185	43.77	1.03	1.2			0.0030	
7	PCB-184			ND			0.00070	
7	PCB-186			ND			0.0016	
7	PCB-187	43.12	1.04	2.2			0.0018	
7	PCB-188			ND			0.00079	
7	PCB-189			ND			0.0012	
7	PCB-190	49.23	1.04	0.35			0.0017	
7	PCB-191			ND			0.0016	
7	PCB-192			ND			0.0016	
8	PCB-194	53.98	0.90	0.76			0.0013	
8	PCB-195			ND			0.0016	
8	PCB-196			ND			0.0012	
8	PCB-197/200			ND			0.0021	
8	PCB-198/199	49.40	0.90	1.0			0.0021	
8	PCB-201			ND			0.00063	
8	PCB-202			ND			0.0013	
8	PCB-203	50.27	0.87	0.54			0.0011	
8	PCB-204			ND			0.0013	
8	PCB-205			ND			0.0015	
9	PCB-206			ND			0.0022	
9	PCB-207			ND			0.0015	
9	PCB-208			ND			0.0013	
10	PCB-209			ND			0.0078	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10702026014
Lab File ID: P240824A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 14:15
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 12:49
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1610mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.21	
Total DiCB	6.7	
Total TrCB	7.4	
Total TeCB	17	
Total PeCB	7.7	
Total HxCB	17	
Total HpCB	13	
Total OcCB	2.3	
Total NoCB	ND	
DeCB	ND	
Total PCBs	71	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10702026015
Lab File ID: P240824A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 15:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 13:51
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114316

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.40	3.01	2.0	1.1	53
1	PCB-003L	13.20	3.09	2.0	1.2	60
2	PCB-004L	13.50	1.53	2.0	1.1	54
2	PCB-015L	20.58	1.57	2.0	1.3	67
3	PCB-019L	17.30	1.05	2.0	1.1	53
3	PCB-037L	28.37	1.09	2.0	1.5	77
4	PCB-054L	20.93	0.80	2.0	1.0	52
4	PCB-077L	36.11	0.80	2.0	1.8	89
4	PCB-081L	35.53	0.81	2.0	1.7	85
5	PCB-104L	27.04	1.53	2.0	1.3	63
5	PCB-105L	39.74	1.62	2.0	1.8	88
5	PCB-114L	39.08	1.61	2.0	1.7	87
5	PCB-118L	38.53	1.59	2.0	1.8	88
5	PCB-123L	38.18	1.60	2.0	1.7	86
5	PCB-126L	42.92	1.59	2.0	2.0	101
6	PCB-155L	33.11	1.26	2.0	1.4	70
6	PCB-156/157L	46.00	1.28	4.0	3.5	88
6	PCB-167L	44.81	1.28	2.0	1.7	85
6	PCB-169L	49.28	1.29	2.0	1.9	97
7	PCB-188L	39.05	1.04	2.0	1.6	81
7	PCB-189L	51.87	1.07	2.0	1.8	90
8	PCB-202L	44.55	0.89	2.0	1.6	78
8	PCB-205L	54.45	0.90	2.0	1.7	85
9	PCB-206L	56.20	0.79	2.0	1.7	83
9	PCB-208L	51.37	0.79	2.0	1.7	85
10	PCB-209L	57.83	0.72	2.0	1.7	86
Recovery Standards						
2	PCB-009L	15.95	1.59	2.0	2.6	N/A
4	PCB-052L	26.01	0.79	2.0	2.5	N/A
5	PCB-101L	33.33	1.60	2.0	2.3	N/A
6	PCB-138L	41.73	1.29	2.0	2.3	N/A
8	PCB-194L	53.98	0.91	2.0	2.2	N/A
Cleanup Standards						
3	PCB-028L	24.01	1.05	2.0	1.6	79
5	PCB-111L	36.14	1.55	2.0	1.7	84
7	PCB-178L	42.17	1.04	2.0	1.7	86

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10702026015
Lab File ID: P240824A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 15:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 13:51
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.43	3.25	0.23			0.0040	
1	PCB-002			ND			0.0041	
1	PCB-003			ND			0.0076	
2	PCB-004	13.52	1.54	8.1			0.0051	
2	PCB-005			ND			0.0054	
2	PCB-006			ND			0.0028	
2	PCB-007			ND			0.0026	
2	PCB-008			ND			0.0054	
2	PCB-009			ND			0.0011	
2	PCB-010	13.74	1.54	0.26			0.0012	
2	PCB-011			ND			0.059	
2	PCB-012/013			ND			0.0030	
2	PCB-014			ND			0.0010	
2	PCB-015	20.60	1.60	0.22			0.0058	
3	PCB-016			ND			0.0033	
3	PCB-017	20.01	1.04	0.76			0.0037	
3	PCB-018/030	19.53	1.04	0.43			0.0060	
3	PCB-019	17.33	1.03	5.6			0.0031	
3	PCB-020/028			ND			0.0068	
3	PCB-021/033			ND			0.0056	
3	PCB-022			ND			0.0037	
3	PCB-023			ND			0.0011	
3	PCB-024			ND			0.0013	
3	PCB-025	23.36	1.06	0.16			0.0015	
3	PCB-026/029			ND			0.0023	
3	PCB-027	20.26	1.01	0.71			0.0010	
3	PCB-031			ND			0.0082	
3	PCB-032	21.15	1.05	0.52			0.0027	
3	PCB-034			ND			0.0011	
3	PCB-035			ND			0.0011	
3	PCB-036			ND			0.0011	
3	PCB-037			ND			0.0027	
3	PCB-038			ND			0.0011	
3	PCB-039			ND			0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10702026015
Lab File ID: P240824A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 15:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 13:51
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND			0.0046	
4	PCB-042			ND			0.0025	
4	PCB-043/073			ND			0.0022	
4	PCB-044/047/065	27.17	0.77	2.9			0.0065	
4	PCB-045/051	24.21	0.78	2.4			0.0034	
4	PCB-046			ND			0.0015	
4	PCB-048			ND			0.0018	
4	PCB-069/049	26.56	0.77	2.0			0.0038	
4	PCB-050/053	23.38	0.78	2.0			0.0019	
4	PCB-052	26.02	0.78	1.9			0.014	
4	PCB-054	20.95	0.78	1.1			0.0010	
4	PCB-055			ND			0.0015	
4	PCB-056			ND			0.0034	
4	PCB-057			ND			0.0010	
4	PCB-058			ND			0.0013	
4	PCB-059/062/075			ND			0.0023	
4	PCB-060			ND			0.0019	
4	PCB-061/070/074/076			ND			0.0081	
4	PCB-063			ND			0.00088	
4	PCB-064			ND			0.0022	
4	PCB-066			ND			0.0042	
4	PCB-067			ND			0.0012	
4	PCB-068			ND			0.0011	
4	PCB-072			ND			0.00079	
4	PCB-077			ND			0.0014	
4	PCB-078			ND			0.0011	
4	PCB-079			ND			0.00079	
4	PCB-080			ND			0.0011	
4	PCB-081			ND			0.00075	
5	PCB-082			ND			0.0014	
5	PCB-083			ND			0.0012	
5	PCB-084			ND			0.0024	
5	PCB-085/116/117			ND			0.0031	
5	PCB-086/087/097/108/119/12			ND			0.0060	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10702026015
Lab File ID: P240824A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 15:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 13:51
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND			0.0018	
5	PCB-089			ND			0.0013	
5	PCB-090/101/113	33.36	1.57	1.3			0.0046	
5	PCB-092	32.74	1.56	0.36			0.00098	
5	PCB-093/098/100/102			ND			0.0042	
5	PCB-094			ND			0.00084	
5	PCB-095	30.25	1.56	1.4			0.0063	
5	PCB-096			ND			0.00085	
5	PCB-099	33.98	1.57	0.42			0.0019	
5	PCB-103			ND			0.00070	
5	PCB-104			ND			0.0013	
5	PCB-105			ND			0.0029	
5	PCB-106			ND			0.0011	
5	PCB-107/124			ND			0.0020	
5	PCB-109			ND			0.0014	
5	PCB-110/115	35.42	1.58	0.93			0.0051	
5	PCB-111			ND			0.00089	
5	PCB-112			ND			0.0014	
5	PCB-114			ND			0.0011	
5	PCB-118			ND			0.0052	
5	PCB-120			ND			0.00086	
5	PCB-121			ND			0.0012	
5	PCB-122			ND			0.0012	
5	PCB-123			ND			0.0013	
5	PCB-126			ND			0.00072	
5	PCB-127			ND			0.0011	
6	PCB-128/166			ND			0.0024	
6	PCB-129/138/163	41.77	1.27	1.7			0.0051	
6	PCB-130			ND			0.0012	
6	PCB-131			ND			0.0015	
6	PCB-132	38.65	1.22	0.53			0.0017	
6	PCB-133			ND			0.0011	
6	PCB-134/143			ND			0.0028	
6	PCB-135/151	36.38	1.22	1.2			0.0030	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10702026015
Lab File ID: P240824A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 15:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 13:51
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.87	1.22	0.38			0.0015	
6	PCB-137			ND			0.0016	
6	PCB-139/140			ND			0.0021	
6	PCB-141	40.68	1.23	0.38			0.0020	
6	PCB-142			ND			0.0014	
6	PCB-144			ND			0.00091	
6	PCB-145			ND			0.0010	
6	PCB-146	39.84	1.24	0.34			0.0013	
6	PCB-147/149	37.36	1.25	2.3			0.0039	
6	PCB-148			ND			0.0011	
6	PCB-150			ND			0.0011	
6	PCB-152			ND			0.00086	
6	PCB-153/168	40.48	1.24	1.8			0.0030	
6	PCB-154			ND			0.0013	
6	PCB-155			ND			0.0012	
6	PCB-156/157			ND			0.0017	
6	PCB-158			ND			0.0012	
6	PCB-159			ND			0.0011	
6	PCB-160			ND			0.0013	
6	PCB-161			ND			0.00063	
6	PCB-162			ND			0.0011	
6	PCB-164			ND			0.0014	
6	PCB-165			ND			0.00073	
6	PCB-167			ND			0.0016	
6	PCB-169			ND			0.0010	
7	PCB-170	48.70	1.03	0.51			0.0014	
7	PCB-171/173			ND			0.0019	
7	PCB-172			ND			0.0045	
7	PCB-174	44.00	1.04	0.65			0.0016	
7	PCB-175			ND			0.0011	
7	PCB-176			ND			0.00089	
7	PCB-177	44.45	1.04	0.39			0.0018	
7	PCB-178			ND			0.0012	
7	PCB-179	39.42	1.04	0.38			0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10702026015
Lab File ID: P240824A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 15:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 13:51
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.42	1.04	1.3			0.0041	
7	PCB-181			ND			0.0015	
7	PCB-182			ND			0.0012	
7	PCB-183/185			ND			0.0027	
7	PCB-184			ND			0.00063	
7	PCB-186			ND			0.0015	
7	PCB-187	43.14	1.06	0.88			0.0017	
7	PCB-188			ND			0.00071	
7	PCB-189			ND			0.0011	
7	PCB-190			ND			0.0016	
7	PCB-191			ND			0.0014	
7	PCB-192			ND			0.0015	
8	PCB-194			ND			0.0012	
8	PCB-195			ND			0.0015	
8	PCB-196			ND			0.0011	
8	PCB-197/200			ND			0.0019	
8	PCB-198/199			ND			0.0020	
8	PCB-201			ND			0.00058	
8	PCB-202			ND			0.0012	
8	PCB-203			ND			0.0010	
8	PCB-204			ND			0.0012	
8	PCB-205			ND			0.0014	
9	PCB-206			ND			0.0020	
9	PCB-207			ND			0.0013	
9	PCB-208			ND			0.0012	
10	PCB-209			ND			0.0071	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10702026015
Lab File ID: P240824A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 15:45
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/24/2024 13:51
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824A02
CCal File(s): P240824A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.23	
Total DiCB	8.5	
Total TrCB	8.2	
Total TeCB	12	
Total PeCB	4.4	
Total HxCB	8.5	
Total HpCB	4.1	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	46	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10702026016
Lab File ID: P240824B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 17:20
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/25/2024 02:18
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114316

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824B02
CCal File(s): P240824B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.34	3.11	2.0	1.1	55
1	PCB-003L	13.15	3.13	2.0	1.4	68
2	PCB-004L	13.46	1.54	2.0	1.1	57
2	PCB-015L	20.57	1.59	2.0	1.5	76
3	PCB-019L	17.28	1.04	2.0	1.1	57
3	PCB-037L	28.37	1.10	2.0	1.6	80
4	PCB-054L	20.92	0.79	2.0	1.2	59
4	PCB-077L	36.11	0.79	2.0	1.8	90
4	PCB-081L	35.53	0.81	2.0	1.8	88
5	PCB-104L	27.04	1.59	2.0	1.4	72
5	PCB-105L	39.74	1.59	2.0	1.7	85
5	PCB-114L	39.08	1.63	2.0	1.7	83
5	PCB-118L	38.53	1.60	2.0	1.7	85
5	PCB-123L	38.18	1.61	2.0	1.6	82
5	PCB-126L	42.91	1.59	2.0	2.1	103
6	PCB-155L	33.11	1.28	2.0	1.6	78
6	PCB-156/157L	46.00	1.28	4.0	3.4	84
6	PCB-167L	44.81	1.32	2.0	1.7	84
6	PCB-169L	49.28	1.30	2.0	1.9	94
7	PCB-188L	39.05	1.04	2.0	1.6	79
7	PCB-189L	51.84	1.08	2.0	1.7	87
8	PCB-202L	44.55	0.90	2.0	1.5	76
8	PCB-205L	54.45	0.89	2.0	1.7	83
9	PCB-206L	56.20	0.81	2.0	1.5	77
9	PCB-208L	51.37	0.78	2.0	1.6	79
10	PCB-209L	57.84	0.69	2.0	1.6	79
Recovery Standards						
2	PCB-009L	15.92	1.58	2.0	2.7	N/A
4	PCB-052L	25.99	0.79	2.0	2.4	N/A
5	PCB-101L	33.33	1.59	2.0	2.3	N/A
6	PCB-138L	41.73	1.27	2.0	2.3	N/A
8	PCB-194L	53.98	0.90	2.0	2.2	N/A
Cleanup Standards						
3	PCB-028L	24.00	1.05	2.0	1.7	83
5	PCB-111L	36.14	1.59	2.0	1.7	83
7	PCB-178L	42.17	1.04	2.0	1.7	87

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10702026016
Lab File ID: P240824B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 17:20
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/25/2024 02:18
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824B02
CCal File(s): P240824B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND			0.0039	
1	PCB-002			ND			0.0040	
1	PCB-003			ND			0.0074	
2	PCB-004	13.48	1.55	9.0			0.0050	
2	PCB-005			ND			0.0053	
2	PCB-006			ND			0.0027	
2	PCB-007			ND			0.0026	
2	PCB-008			ND			0.0052	
2	PCB-009			ND			0.0010	
2	PCB-010	13.69	1.44	0.35			0.0012	
2	PCB-011			ND			0.057	
2	PCB-012/013			ND			0.0029	
2	PCB-014			ND			0.0010	
2	PCB-015			ND			0.0057	
3	PCB-016			ND			0.0032	
3	PCB-017	20.00	1.04	0.47			0.0036	
3	PCB-018/030	19.52	1.04	0.48			0.0058	
3	PCB-019	17.31	1.05	2.1			0.0030	
3	PCB-020/028			ND			0.0066	
3	PCB-021/033			ND			0.0054	
3	PCB-022			ND			0.0036	
3	PCB-023			ND			0.0011	
3	PCB-024			ND			0.0012	
3	PCB-025			ND			0.0014	
3	PCB-026/029			ND			0.0023	
3	PCB-027	20.25	1.05	0.49			0.00098	
3	PCB-031			ND			0.0080	
3	PCB-032	21.13	1.08	0.19			0.0027	
3	PCB-034			ND			0.0011	
3	PCB-035			ND			0.0011	
3	PCB-036			ND			0.0010	
3	PCB-037			ND			0.0027	
3	PCB-038			ND			0.0011	
3	PCB-039			ND			0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10702026016
Lab File ID: P240824B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 17:20
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/25/2024 02:18
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824B02
CCal File(s): P240824B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND			0.0045	
4	PCB-042			ND			0.0024	
4	PCB-043/073			ND			0.0022	
4	PCB-044/047/065			ND			0.0064	
4	PCB-045/051			ND			0.0033	
4	PCB-046			ND			0.0015	
4	PCB-048			ND			0.0017	
4	PCB-069/049			ND			0.0037	
4	PCB-050/053			ND			0.0019	
4	PCB-052	26.02	0.79	0.98			0.013	
4	PCB-054			ND			0.0010	
4	PCB-055			ND			0.0015	
4	PCB-056			ND			0.0034	
4	PCB-057			ND			0.0010	
4	PCB-058			ND			0.0013	
4	PCB-059/062/075			ND			0.0023	
4	PCB-060			ND			0.0018	
4	PCB-061/070/074/076			ND			0.0079	
4	PCB-063			ND			0.00086	
4	PCB-064			ND			0.0022	
4	PCB-066			ND			0.0041	
4	PCB-067			ND			0.0012	
4	PCB-068			ND			0.0011	
4	PCB-072			ND			0.00077	
4	PCB-077			ND			0.0013	
4	PCB-078			ND			0.0011	
4	PCB-079			ND			0.00077	
4	PCB-080			ND			0.0011	
4	PCB-081			ND			0.00073	
5	PCB-082			ND			0.0013	
5	PCB-083			ND			0.0011	
5	PCB-084			ND			0.0023	
5	PCB-085/116/117			ND			0.0030	
5	PCB-086/087/097/108/119/12			ND			0.0058	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10702026016
Lab File ID: P240824B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 17:20
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/25/2024 02:18
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824B02
CCal File(s): P240824B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND			0.0018	
5	PCB-089			ND			0.0013	
5	PCB-090/101/113			ND			0.0045	
5	PCB-092			ND			0.00095	
5	PCB-093/098/100/102			ND			0.0040	
5	PCB-094			ND			0.00082	
5	PCB-095			ND			0.0062	
5	PCB-096			ND			0.00083	
5	PCB-099			ND			0.0018	
5	PCB-103			ND			0.00068	
5	PCB-104			ND			0.0013	
5	PCB-105			ND			0.0028	
5	PCB-106			ND			0.0011	
5	PCB-107/124			ND			0.0020	
5	PCB-109			ND			0.0014	
5	PCB-110/115			ND			0.0050	
5	PCB-111			ND			0.00087	
5	PCB-112			ND			0.0014	
5	PCB-114			ND			0.0011	
5	PCB-118			ND			0.0051	
5	PCB-120			ND			0.00084	
5	PCB-121			ND			0.0012	
5	PCB-122			ND			0.0012	
5	PCB-123			ND			0.0013	
5	PCB-126			ND			0.00070	
5	PCB-127			ND			0.0011	
6	PCB-128/166			ND			0.0024	
6	PCB-129/138/163			ND			0.0049	
6	PCB-130			ND			0.0012	
6	PCB-131			ND			0.0014	
6	PCB-132			ND			0.0016	
6	PCB-133			ND			0.0010	
6	PCB-134/143			ND			0.0027	
6	PCB-135/151			ND			0.0030	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10702026016
Lab File ID: P240824B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 17:20
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/25/2024 02:18
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824B02
CCal File(s): P240824B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND			0.0015	
6	PCB-137			ND			0.0016	
6	PCB-139/140			ND			0.0021	
6	PCB-141			ND			0.0019	
6	PCB-142			ND			0.0013	
6	PCB-144			ND			0.00088	
6	PCB-145			ND			0.0010	
6	PCB-146			ND			0.0012	
6	PCB-147/149			ND			0.0038	
6	PCB-148			ND			0.0010	
6	PCB-150			ND			0.0010	
6	PCB-152			ND			0.00083	
6	PCB-153/168			ND			0.0030	
6	PCB-154			ND			0.0013	
6	PCB-155			ND			0.0011	
6	PCB-156/157			ND			0.0016	
6	PCB-158			ND			0.0012	
6	PCB-159			ND			0.0011	
6	PCB-160			ND			0.0012	
6	PCB-161			ND			0.00061	
6	PCB-162			ND			0.0011	
6	PCB-164			ND			0.0014	
6	PCB-165			ND			0.00071	
6	PCB-167			ND			0.0016	
6	PCB-169			ND			0.00098	
7	PCB-170			ND			0.0014	
7	PCB-171/173			ND			0.0018	
7	PCB-172			ND			0.0044	
7	PCB-174			ND			0.0016	
7	PCB-175			ND			0.0010	
7	PCB-176			ND			0.00087	
7	PCB-177			ND			0.0018	
7	PCB-178			ND			0.0012	
7	PCB-179			ND			0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10702026016
Lab File ID: P240824B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 17:20
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/25/2024 02:18
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824B02
CCal File(s): P240824B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND			0.0040	
7	PCB-181			ND			0.0014	
7	PCB-182			ND			0.0012	
7	PCB-183/185			ND			0.0027	
7	PCB-184			ND			0.00062	
7	PCB-186			ND			0.0014	
7	PCB-187			ND			0.0016	
7	PCB-188			ND			0.00069	
7	PCB-189			ND			0.0011	
7	PCB-190			ND			0.0015	
7	PCB-191			ND			0.0014	
7	PCB-192			ND			0.0014	
8	PCB-194			ND			0.0011	
8	PCB-195			ND			0.0014	
8	PCB-196			ND			0.0011	
8	PCB-197/200			ND			0.0018	
8	PCB-198/199			ND			0.0019	
8	PCB-201			ND			0.00056	
8	PCB-202			ND			0.0012	
8	PCB-203			ND			0.00099	
8	PCB-204			ND			0.0011	
8	PCB-205			ND			0.0014	
9	PCB-206			ND			0.0019	
9	PCB-207			ND			0.0013	
9	PCB-208			ND			0.0012	
10	PCB-209			ND			0.0069	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10702026016
Lab File ID: P240824B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 07/26/2024 17:20
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/25/2024 02:18
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824B02
CCal File(s): P240824B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	9.3	
Total TrCB	3.8	
Total TeCB	0.98	
Total PeCB	ND	
Total HxCB	ND	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	14	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **HR-EB1**
Lab Sample ID: 10702026017
Lab File ID: P240824B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 10:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/25/2024 03:19
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114316

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824B02
CCal File(s): P240824B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #
Internal Standards						
1	PCB-001L	10.27	3.02	2.0	1.2	58
1	PCB-003L	13.11	3.10	2.0	1.3	67
2	PCB-004L	13.41	1.55	2.0	1.1	54
2	PCB-015L	20.54	1.58	2.0	1.5	74
3	PCB-019L	17.25	1.05	2.0	1.0	52
3	PCB-037L	28.36	1.08	2.0	1.5	74
4	PCB-054L	20.89	0.78	2.0	1.1	54
4	PCB-077L	36.10	0.80	2.0	1.7	84
4	PCB-081L	35.53	0.80	2.0	1.6	80
5	PCB-104L	27.03	1.59	2.0	1.2	58
5	PCB-105L	39.72	1.58	2.0	1.6	80
5	PCB-114L	39.07	1.63	2.0	1.5	77
5	PCB-118L	38.51	1.60	2.0	1.5	77
5	PCB-123L	38.18	1.60	2.0	1.5	74
5	PCB-126L	42.91	1.60	2.0	2.1	103
6	PCB-155L	33.11	1.25	2.0	1.2	59
6	PCB-156/157L	45.98	1.28	4.0	3.1	77
6	PCB-167L	44.79	1.25	2.0	1.5	75
6	PCB-169L	49.28	1.31	2.0	1.9	95
7	PCB-188L	39.05	1.03	2.0	1.2	60
7	PCB-189L	51.85	1.07	2.0	1.6	80
8	PCB-202L	44.54	0.90	2.0	1.2	61
8	PCB-205L	54.45	0.91	2.0	1.5	76
9	PCB-206L	56.20	0.80	2.0	1.4	71
9	PCB-208L	51.35	0.79	2.0	1.4	72
10	PCB-209L	57.84	0.70	2.0	1.5	73
Recovery Standards						
2	PCB-009L	15.88	1.57	2.0	2.8	N/A
4	PCB-052L	25.99	0.79	2.0	2.5	N/A
5	PCB-101L	33.33	1.56	2.0	2.5	N/A
6	PCB-138L	41.72	1.24	2.0	2.7	N/A
8	PCB-194L	53.96	0.92	2.0	2.8	N/A
Cleanup Standards						
3	PCB-028L	23.98	1.06	2.0	1.4	71
5	PCB-111L	36.13	1.55	2.0	1.5	73
7	PCB-178L	42.17	1.06	2.0	1.5	75

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **HR-EB1**
Lab Sample ID: 10702026017
Lab File ID: P240824B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 10:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/25/2024 03:19
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824B02
CCal File(s): P240824B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND			0.0039	
1	PCB-002			ND			0.0040	
1	PCB-003			ND			0.0074	
2	PCB-004			ND			0.0050	
2	PCB-005			ND			0.0053	
2	PCB-006			ND			0.0027	
2	PCB-007			ND			0.0026	
2	PCB-008			ND			0.0053	
2	PCB-009			ND			0.0010	
2	PCB-010			ND			0.0012	
2	PCB-011			ND			0.057	
2	PCB-012/013			ND			0.0029	
2	PCB-014			ND			0.0010	
2	PCB-015			ND			0.0057	
3	PCB-016			ND			0.0032	
3	PCB-017			ND			0.0036	
3	PCB-018/030			ND			0.0058	
3	PCB-019			ND			0.0030	
3	PCB-020/028			ND			0.0066	
3	PCB-021/033			ND			0.0055	
3	PCB-022			ND			0.0036	
3	PCB-023			ND			0.0011	
3	PCB-024			ND			0.0012	
3	PCB-025			ND			0.0014	
3	PCB-026/029			ND			0.0023	
3	PCB-027			ND			0.00098	
3	PCB-031			ND			0.0080	
3	PCB-032			ND			0.0027	
3	PCB-034			ND			0.0011	
3	PCB-035			ND			0.0011	
3	PCB-036			ND			0.0010	
3	PCB-037			ND			0.0027	
3	PCB-038			ND			0.0011	
3	PCB-039			ND			0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **HR-EB1**
Lab Sample ID: 10702026017
Lab File ID: P240824B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 10:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/25/2024 03:19
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824B02
CCal File(s): P240824B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND			0.0045	
4	PCB-042			ND			0.0024	
4	PCB-043/073			ND			0.0022	
4	PCB-044/047/065			ND			0.0064	
4	PCB-045/051			ND			0.0033	
4	PCB-046			ND			0.0015	
4	PCB-048			ND			0.0017	
4	PCB-069/049			ND			0.0037	
4	PCB-050/053			ND			0.0019	
4	PCB-052			ND			0.013	
4	PCB-054			ND			0.0010	
4	PCB-055			ND			0.0015	
4	PCB-056			ND			0.0034	
4	PCB-057			ND			0.0010	
4	PCB-058			ND			0.0013	
4	PCB-059/062/075			ND			0.0023	
4	PCB-060			ND			0.0018	
4	PCB-061/070/074/076			ND			0.0079	
4	PCB-063			ND			0.00086	
4	PCB-064			ND			0.0022	
4	PCB-066			ND			0.0041	
4	PCB-067			ND			0.0012	
4	PCB-068			ND			0.0011	
4	PCB-072			ND			0.00078	
4	PCB-077			ND			0.0013	
4	PCB-078			ND			0.0011	
4	PCB-079			ND			0.00078	
4	PCB-080			ND			0.0011	
4	PCB-081			ND			0.00074	
5	PCB-082			ND			0.0013	
5	PCB-083			ND			0.0011	
5	PCB-084			ND			0.0023	
5	PCB-085/116/117			ND			0.0030	
5	PCB-086/087/097/108/119/12			ND			0.0058	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **HR-EB1**
Lab Sample ID: 10702026017
Lab File ID: P240824B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 10:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/25/2024 03:19
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824B02
CCal File(s): P240824B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND			0.0018	
5	PCB-089			ND			0.0013	
5	PCB-090/101/113			ND			0.0045	
5	PCB-092			ND			0.00095	
5	PCB-093/098/100/102			ND			0.0041	
5	PCB-094			ND			0.00082	
5	PCB-095			ND			0.0062	
5	PCB-096			ND			0.00083	
5	PCB-099			ND			0.0018	
5	PCB-103			ND			0.00068	
5	PCB-104			ND			0.0013	
5	PCB-105			ND			0.0028	
5	PCB-106			ND			0.0011	
5	PCB-107/124			ND			0.0020	
5	PCB-109			ND			0.0014	
5	PCB-110/115			ND			0.0050	
5	PCB-111			ND			0.00087	
5	PCB-112			ND			0.0014	
5	PCB-114			ND			0.0011	
5	PCB-118			ND			0.0051	
5	PCB-120			ND			0.00084	
5	PCB-121			ND			0.0012	
5	PCB-122			ND			0.0012	
5	PCB-123			ND			0.0013	
5	PCB-126			ND			0.00070	
5	PCB-127			ND			0.0011	
6	PCB-128/166			ND			0.0024	
6	PCB-129/138/163			ND			0.0050	
6	PCB-130			ND			0.0012	
6	PCB-131			ND			0.0015	
6	PCB-132			ND			0.0016	
6	PCB-133			ND			0.0010	
6	PCB-134/143			ND			0.0027	
6	PCB-135/151			ND			0.0030	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **HR-EB1**
Lab Sample ID: 10702026017
Lab File ID: P240824B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 10:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/25/2024 03:19
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824B02
CCal File(s): P240824B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND			0.0015	
6	PCB-137			ND			0.0016	
6	PCB-139/140			ND			0.0021	
6	PCB-141			ND			0.0019	
6	PCB-142			ND			0.0014	
6	PCB-144			ND			0.00089	
6	PCB-145			ND			0.0010	
6	PCB-146			ND			0.0012	
6	PCB-147/149			ND			0.0038	
6	PCB-148			ND			0.0010	
6	PCB-150			ND			0.0010	
6	PCB-152			ND			0.00084	
6	PCB-153/168			ND			0.0030	
6	PCB-154			ND			0.0013	
6	PCB-155			ND			0.0011	
6	PCB-156/157			ND			0.0016	
6	PCB-158			ND			0.0012	
6	PCB-159			ND			0.0011	
6	PCB-160			ND			0.0012	
6	PCB-161			ND			0.00061	
6	PCB-162			ND			0.0011	
6	PCB-164			ND			0.0014	
6	PCB-165			ND			0.00072	
6	PCB-167			ND			0.0016	
6	PCB-169			ND			0.00099	
7	PCB-170			ND			0.0014	
7	PCB-171/173			ND			0.0018	
7	PCB-172			ND			0.0044	
7	PCB-174			ND			0.0016	
7	PCB-175			ND			0.0010	
7	PCB-176			ND			0.00087	
7	PCB-177			ND			0.0018	
7	PCB-178			ND			0.0012	
7	PCB-179			ND			0.0014	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **HR-EB1**
Lab Sample ID: 10702026017
Lab File ID: P240824B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 10:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/25/2024 03:19
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824B02
CCal File(s): P240824B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND			0.0040	
7	PCB-181			ND			0.0015	
7	PCB-182			ND			0.0012	
7	PCB-183/185			ND			0.0027	
7	PCB-184			ND			0.00062	
7	PCB-186			ND			0.0014	
7	PCB-187			ND			0.0016	
7	PCB-188			ND			0.00070	
7	PCB-189			ND			0.0011	
7	PCB-190			ND			0.0015	
7	PCB-191			ND			0.0014	
7	PCB-192			ND			0.0014	
8	PCB-194			ND			0.0011	
8	PCB-195			ND			0.0015	
8	PCB-196			ND			0.0011	
8	PCB-197/200			ND			0.0018	
8	PCB-198/199			ND			0.0019	
8	PCB-201			ND			0.00056	
8	PCB-202			ND			0.0012	
8	PCB-203			ND			0.00099	
8	PCB-204			ND			0.0011	
8	PCB-205			ND			0.0014	
9	PCB-206			ND			0.0019	
9	PCB-207			ND			0.0013	
9	PCB-208			ND			0.0012	
10	PCB-209			ND			0.0069	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **HR-EB1**
Lab Sample ID: 10702026017
Lab File ID: P240824B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 07/24/2024 10:00
Date Received: 07/30/2024 09:30
Date Extracted: 08/16/2024 14:00
Date Analyzed: 08/25/2024 03:19
Method Blank ID: BLANK-114314
Lab Spike ID(s): LCS-114315/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240824B02
CCal File(s): P240824B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	ND	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	ND	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	ND	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 70306842

70306842

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30224932.3000	Invoice to: Arcadis U.S., Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accountspayable.administration@arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [✓] ET	County / State origin of sample(s): Pittsfield, MA

Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bicassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	* TSS Low Level SM 2540D	Sample Comment
Old Pleasant Street Bridge	WT		07/25/24	15:15			1			X	
Woods Pond Dam	WT		07/25/24	16:15			1			X	
New Lenox Rd Bridge	WT		07/26/24	14:15			1			X	
Near Pittsfield WWTP	WT		07/26/24	15:45			1			X	
Pomeroy Avenue Bridge	WT		07/26/24	17:20			1			X	

Specify Container Size**: 1

Identify Container Preservative Type***: 1

Analysis Requested

**Container Size: (1) 1L (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 45643

Preservation non-conformance identified for sample

Additional Instructions from Pace®: Short Hold Time Refer to Contract

Collected By: Printed Name: Penelope T. Rabasco Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: * Please use entire sample for analysis.

# Coolers:	Thermometer ID:	Corrected Factor (°C):	Obs. Temp. (°C):	Corrected Temp. (°C):	
1	TH211	1.5	1.2	-.1	[ ] On Ice

	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) Penelope T. Rabasco / Arcadis	07/29/24 17:30	Received by/Company: (Signature) PHEL	7/30/24 9:30
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: 10702066
Pace Project No.: 70306842

Sample: OLD PLEASANT STREET BRIDGE **Lab ID: 10702066001** Collected: 07/25/24 15:15 Received: 07/30/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		08/01/24 16:39		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: 10702066
Pace Project No.: 70306842

Sample: WOODS POND DAM **Lab ID: 10702066002** Collected: 07/25/24 16:15 Received: 07/30/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**6.6**	mg/L	2.5	1		08/01/24 16:39		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: 10702066
Pace Project No.: 70306842

Sample: NEW LENOX RD BRIDGE **Lab ID: 10702066003** Collected: 07/26/24 14:15 Received: 07/30/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**3.7**	mg/L	2.5	1		08/01/24 16:39		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: 10702066
Pace Project No.: 70306842

Sample: NEAR PITTSFIELD WWTP **Lab ID: 10702066004** Collected: 07/26/24 15:45 Received: 07/30/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.5**	mg/L	2.5	1		08/01/24 16:40		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: 10702066
Pace Project No.: 70306842

Sample: POMEROY AVENUE BRIDGE **Lab ID: 10702066005** Collected: 07/26/24 17:20 Received: 07/30/24 09:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		08/01/24 16:40		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

General Electric Company

Data Validation Report

Baseline Surface Water Monitoring
Housatonic River – Rest of River
Pittsfield, Massachusetts

Polychlorinated Biphenyl (PCB) Congeners and Total Suspended Solids (TSS) Analyses

SDGs # 10704414, 10704693, and 10704779

Tier I Level Data Review

Analyses Performed By:
Pace Analytical Services, Inc,
Minneapolis, Minnesota
And
Pace Analytical Services, Melville, New York

Report # 58577R
Project: 30299972.3000

Table of Contents

1 Summary 1
1.1 Analytical Data Package Documentation 2
1.2 Data Validation Procedures 3
2 Polychlorinated Biphenyl Congener Analyses 5
2.1 Holding Times 5
2.2 Blank Contamination 5
2.3 Field Duplicate Analysis 6
2.4 Compound Identification 9
2.5 Data Validation Checklist for PCB Congeners 9
3 General Chemistry Analyses 10
3.1 Holding Times 10
3.2 Field Duplicate Analysis 10
3.3 Data Validation Checklist for General Chemistry 10
4 Overall Data Usability 11

Tables

Table 1. Summary of Samples Subjected to Tier I Data Validation 1
Table 2. Evaluation of Data Package Completeness 2
Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation 4
Table 4. Holding Time for USEPA Method 1668C 5
Table 5. Summary of Blank Contamination Qualifications 5
Table 6. Summary of Field Duplicate Analysis 6
Table 7. Data Validation Checklist for Polychlorinated Biphenyls 9
Table 8. Specified Holding Time 10
Table 9. Summary of Field Duplicate Analysis 10
Table 10. Data Validation Checklist for General Chemistry 10
Table 11. Overall Summary of Data Usability 11

Appendices

Appendix A Chain of Custody
Appendix B Annotated Sample Analysis Data Sheets

1 Summary

This attachment summarizes the data validation review of Sample Delivery Groups (SDGs) 10704414, 10704693, and 10704779 performed on behalf of the General Electric Company (GE) for surface water sampling activities conducted as part of the Baseline Monitoring at the GE-Pittsfield/Housatonic River Site. The review was conducted at a Tier I level and included review of data package completeness. Field documentation was not included in this review. Included with this assessment are the chain-of-custody forms (Appendix A) and the validation annotated sample analysis data sheets (Appendix B). Analyses were performed on the samples listed in Table 1.

Table 1. Summary of Samples Subjected to Tier I Data Validation

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
10704414	DERBY DAM	10704414001	Water	08/12/2024			X
	STEVENSON DAM	10704414002	Water	08/12/2024			X
	SHEPAUG DAM	10704414003	Water	08/12/2024			X
	RT. 202 BRIDGE	10704414004	Water	08/12/2024			X
	RT. 341 BRIDGE	10704414005	Water	08/13/2024			X
	CANAAN TOWN LINE BRIDGE	10704414006	Water	08/13/2024			X
	FALLS VILLAGE DAM	10704414007	Water	08/13/2024			X
	RANNAPO RD BRIDGE	10704414008	Water	08/13/2024			X
	RISING POND DAM	10704414009	Water	08/14/2024			X
	RISING POND DAM-AUTO	10704414010	Water	08/14/2024			X
	HR-D1	10704414011	Water	08/14/2024	RISING POND DAM		X
	OLD PLEASANT STREET BRIDGE	10704414012	Water	08/14/2024			X
	WOODS POND DAM	10704414013	Water	08/14/2024			X
	WOODS POND DAM-AUTO	10704414014	Water	08/14/2024			X
	NEW LENOX RD BRIDGE	10704414015	Water	08/15/2024			X
	NEAR PITTSFIELD WWTP	10704414016	Water	08/15/2024			X
10704693	POMEROY AVENUE BRIDGE	10704693001	Water	08/16/2024			X
10704779	DERBY DAM	10704779001	Water	08/12/2024		X	
	STEVENSON DAM	10704779002	Water	08/12/2024		X	
	SHEPAUG DAM	10704779003	Water	08/12/2024		X	
	RT. 202 BRIDGE	10704779004	Water	08/12/2024		X	
	RT. 341 BRIDGE	10704779005	Water	08/13/2024		X	
	CANAAN TOWN LINE BRIDGE	10704779006	Water	08/13/2024		X	
	FALLS VILLAGE DAM	10704779007	Water	08/13/2024		X	
	RANNAPO RD BRIDGE	10704779008	Water	08/13/2024		X	

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
	RISING POND DAM	10704779009	Water	08/14/2024		X	
	RISING POND DAM-AUTO	10704779010	Water	08/14/2024		X	
	HR-D1	10704779011	Water	08/14/2024	RISING POND DAM	X	
	OLD PLEASANT STREET BRIDGE	10704779012	Water	08/14/2024		X	
	WOODS POND DAM	10704779013	Water	08/14/2024		X	
	WOODS POND DAM-AUTO	10704779015	Water	08/14/2024		X	
	NEW LENOX RD BRIDGE	10704779016	Water	08/15/2024		X	
	NEAR PITTSFIELD WWTP	10704779017	Water	08/15/2024		X	
	POMEROY AVENUE BRIDGE	10704779018	Water	08/16/2024		X	
	HR-EB1	10704779019	Water	08/13/2024		X	

Notes:
PCB = Polychlorinated Biphenyl Congeners
TSS = Total suspended solids

1.1 Analytical Data Package Documentation

The table below is the evaluation of the data package completeness.

Table 2. Evaluation of Data Package Completeness

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

Note:
QA = Quality Assurance

1.2 Data Validation Procedures

Analyses were performed according to United States Environmental Protection Agency (EPA) SW-846 Method 1668C, and Standard Method 2540D. Data were reviewed in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan – GE-Pittsfield/Housatonic River Site (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, prepared by Arcadis (Revised December 21, 2023);
- EPA Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (July 1996, revised December 1996) (EPA Region I Guidelines);
- EPA National Functional Guidelines for High Resolution Superfund Methods Data Review OLEM 9240.1-65EPA, 542-R-20-007 (November 2020); and
- Second Revised Baseline Monitoring Plan, Housatonic River – Rest of River, General Electric Company, Pittsfield, Massachusetts, prepared by Anchor QEA (January 2023).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers:
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers:
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
  - JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
  - UB Compound considered non-detect at the listed value due to associated blank contamination.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

R The sample results are rejected.

Two facts should be noted by all data users. First, the “R” flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. “R” values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Section 7.5 of the revised FSP/QAPP states that all analytical data will be validated to a Tier I level following the procedures presented in the EPA Region I Guidelines. The Tier I review consisted of a completeness evidence audit, as outlined in the EPA Region I CSF Completeness Evidence Audit Program (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the EPA Region I Tier I data completeness requirements.

Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the number of sample analyses subject to Tier I data review is presented in the following table.

Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	16	1	1	0	0	0	18
TSS	16	1	0	0	0	0	17

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in EPA Region I Guidelines. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. The annotated sample analysis data sheets attached to this validation report (Appendix B) reflect any added data qualifiers.

2 Polychlorinated Biphenyl Congener Analyses

2.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 4. Holding Time for USEPA Method 1668C

Method	Matrix	Holding Time	Preservation
USEPA Method 1668C	Water	One year from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria.

2.2 Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

All compounds associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the compounds listed in the following table. Sample results associated with QA blank contamination that were greater than the BAL resulted in the removal of the laboratory qualifier (B) of data. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Table 5. Summary of Blank Contamination Qualifications

SDG	Sample Locations	Compounds	Blank	Sample Result	Qualification
10704779	Derby Dam Stevenson Dam Rt. 202 Bridge	PCB-004	Equipment blank (HR-EB1)	Detected sample results >RL and <BAL	"U" at detected sample concentration
	Shepaug Dam Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge Rising Pond Dam Rising Pond Dam-Auto HR-D1 Woods Pond Dam-Auto	PCB-008			

SDG	Sample Locations	Compounds	Blank	Sample Result	Qualification
	New Lenox Rd Bridge Near Pittsfield WWTP Pomeray Avenue Bridge				
	Shepaug Dam Rt. 202 Bridge RT.341 BRIDGE CANAAN TOWN LINE BRIDGE	PCB-110/115			

Note:
RL = Reporting limit

2.3 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In an instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 6. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
RISING POND DAM / HR-D1	PCB-1	0.0493	0.0462	AC
	PCB-4	1.33	1.22	8.6%
	PCB-6	0.0414	0.035	AC
	PCB-8	0.0746	0.0576	AC
	PCB-10	0.0571	0.0513	AC
	PCB-11	0.311	0.202 U	AC
	PCB-15	0.158	0.132	AC
	PCB-16	0.046	0.0346	AC
	PCB-17	0.277	0.238	15.2%
	PCB-18/30	0.203	0.175	AC
	PCB-19	1.34	1.18	12.7%
	PCB-20/28	0.276	0.232	AC
	PCB-25	0.134	0.116	14.4%
	PCB-26/29	0.153	0.133	AC
	PCB-27	0.202	0.178	12.6%
	PCB-31	0.168	0.135	AC
	PCB-32	0.281	0.246	13.3%
	PCB-40/41/71	0.418	0.379	9.7%
	PCB-42	0.163	0.142	13.7%
	PCB-43/73	0.0824	0.0748	AC
	PCB-44/47/65	2.76	2.51	9.5%

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
	PCB-45/51	1.25	1.18	5.8%
	PCB-46	0.0946	0.0871	AC
	PCB-49/69	1.65	1.48	10.9%
	PCB-50/53	1.25	1.16	7.5%
	PCB-52	1.1	0.997	9.8%
	PCB-54	0.616	0.523	16.3%
	PCB-56	0.0318	0.0254	AC
	PCB-61/70/74/76	0.225	0.198	12.7%
	PCB-64	0.0688	0.0561	AC
	PCB-66	0.247	0.222	AC
	PCB-68	0.0481	0.0435	AC
	PCB-72	0.0308	0.0296	3.9%
	PCB-82	0.0442	0.0409	AC
	PCB-83	0.0508	0.0472	AC
	PCB-84	0.168	0.153	9.3%
	PCB-85/116/117	0.161	0.151	AC
	PCB-86/87/97/108/119/125	0.543	0.502	AC
	PCB-88/91	0.556	0.526	5.6%
	PCB-90/101/113	1.63	1.52	7.0%
	PCB-92	0.517	0.476	8.3%
	PCB-93/98/100/102	0.4	0.374	AC
	PCB-94	0.11	0.104	AC
	PCB-95	1.13	1.07	5.5%
	PCB-96	0.0581	0.0569	AC
	PCB-99	0.747	0.697	6.9%
	PCB-103	0.149	0.139	6.9%
	PCB-104	0.0739	0.0555	AC
	PCB-105	0.0877	0.0939	AC
	PCB-109	0.0646	0.0607	AC
	PCB-110/115	1.16	1.09	6.2%
	PCB-118	0.412	0.415	0.7%
	PCB-128/166	0.192	0.193	AC
	PCB-129/138/163	3.2	3.16	1.2%
	PCB-130	0.165	0.163	1.2%
	PCB-132	0.805	0.781	3.0%
	PCB-133	0.0881	0.0859	AC
	PCB-134/143	0.143	0.136	AC
	PCB-135/151	1.71	1.66	3.0%
	PCB-136	0.472	0.448	5.2%
	PCB-137	0.0559	0.0557	AC
	PCB-141	0.623	0.604	3.1%
	PCB-144	0.147	0.143	2.5%
	PCB-146	0.65	0.634	2.5%

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
	PCB-147/149	3.33	3.27	1.8%
	PCB-148	0.0276	0.0258	AC
	PCB-150	0.0282	0.0273	3.2%
	PCB-152	0.0223 U	0.0208	AC
	PCB-153/168	3.32	3.27	1.5%
	PCB-154	0.106	0.107	AC
	PCB-156/157	0.114	0.121	AC
	PCB-158	0.198	0.196	1.0%
	PCB-159	0.0243	0.0236	AC
	PCB-164	0.214	0.207	3.3%
	PCB-167	0.0739	0.0792	AC
	PCB-170	1.03	1.03	0.0%
	PCB-171/173	0.318	0.322	1.3%
	PCB-172	0.211	0.213	0.9%
	PCB-174	1.24	1.24	0.0%
	PCB-175	0.0475	0.0474	AC
	PCB-176	0.151	0.149	1.3%
	PCB-177	0.749	0.753	0.5%
	PCB-178	0.325	0.324	0.3%
	PCB-179	0.579	0.57	1.6%
	PCB-180/193	2.35	2.39	1.7%
	PCB-183/185	0.777	0.767	1.3%
	PCB-187	1.59	1.59	0.0%
	PCB-189	0.0334	0.0379	AC
	PCB-190	0.225	0.229	1.8%
	PCB-191	0.0403	0.038	AC
	PCB-194	0.442	0.512	14.7%
	PCB-195	0.203	0.24	16.7%
	PCB-196	0.244	0.279	13.3%
	PCB-197/200	0.0857	0.0956	AC
	PCB-198/199	0.505	0.562	10.7%
	PCB-201	0.0607	0.0702	AC
	PCB-202	0.101	0.109	AC
	PCB-203	0.304	0.35	14.1%
	PCB-205	0.0266	0.0298	AC
	PCB-206	0.105	0.128	AC
	PCB-208	0.0223 U	0.024	AC

Notes:
AC = Acceptable
The calculated RPDs between the parent sample and field duplicate were acceptable.

2.4 Compound Identification

PCB congeners by 1668C are identified by using the compound's ion abundance ratios, signal-to-noise values, and relative retention times.

An EMPC or "estimated maximum possible concentration" designation is given to compounds which have signals eluting within the established retention time window which would, if positively identified, be above the detection limit. The signals do not, however, meet the ion abundance ratio criteria and cannot be identified as the compound of interest. The EMPC value is the estimated concentration of the interferant quantitated "as the compound of interest". This value should be considered an elevated detection limit based on potential compound identification and quantitation interference. If the EMPC value is above the reporting limit, the qualifier UX has been added to the sample results to indicate the elevated detection limit as EMPC. If the EMPC value is below the reporting limit, the compound is reported as non-detect at the reporting limit and no qualification is added.

2.5 Data Validation Checklist for PCB Congeners

Table 7. Data Validation Checklist for Polychlorinated Biphenyls

PCB Congeners; EPA1668C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
HIGH RESOLUTION GAS CHROMATOGRAPHY/HIGH RESOLUTION MASS SPECTROMETRY (HRGC/HRMS)					
Tier I Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks		X	X		
Field/Lab Duplicate (RPD)		X		X	
Dilution Factor		X		X	
Moisture Content	X				X
Ion abundance criteria for each instrument used		X		X	
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%RPD = Relative percent difference
%R = Percent recovery

When the laboratory case narrative outlines a quality issue and/or the laboratory applies qualifiers that exhibit potential QC issues beyond Tier I it will be added to the checklist above and the usability of the data will be addressed.

3 General Chemistry Analyses

3.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 8. Specified Holding Time

Method	Matrix	Holding Time	Preservation
Total Suspended Solids (TSS) by SM2540D	Water	7 days from collection to analysis	Cool to <6 °C.

All samples were analyzed within the specified holding time criteria.

3.2 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 9. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Analyte	Sample Result	Duplicate Result	RPD
RISING POND DAM/ HR-D1	TSS	5.3	4.8	AC

Notes:
AC = Acceptable
The calculated RPDs between the parent sample and field duplicate were acceptable.

3.3 Data Validation Checklist for General Chemistry

Table 10. Data Validation Checklist for General Chemistry

General Chemistry: SM2540D	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Miscellaneous Instrumentation					
Tier I Validation					
Holding Times		X		X	
Reporting limits (units)		X		X	
Field/Lab Duplicate (RPD)		X		X	
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%R = Percent recovery
RPD = Relative percent difference

4 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under Tier I data validation review. The percent usability calculation also includes quality control samples (i.e., field/equipment blanks, trip blanks, and field duplicates) to aid in the evaluation of data usability. Data usability is summarized in the following table.

Table 11. Overall Summary of Data Usability

Parameter	Percent Usability	Rejected Data
PCBs	100%	0
TSS	100%	0

The data package completeness, as determined from the Tier I data review was used to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses (discussed in this report) to provide a measure of compliance of the analytical data with the Data Quality Objectives specified in the FSP/QAPP.

VALIDATION PERFORMED BY: Hareesha Naik

SIGNATURE:

DATE: March 28, 2025

PEER REVIEW: Andrew Korycinski

DATE: May 27, 2025

Appendix A

Chain of Custody

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO#: 70309485

PM: BDR **Due Date: 08/27/24**

CLIENT: Pace-MN

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30222493.3000	Invoice to: Arcadis U.S., Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accountspayable.administration@arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [~~ET~~]	County / State origin of sample(s): Pittsfield, MA

Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 1

Identify Container Preservative Type***: 1

Analysis Requested: TSS, Low Level SM2540D *

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 45643

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TSS, Low Level SM2540D *	Sample Comment	Preservation non-conformance identified for sample.
Derby Dam	WT		08/12/24	13:30			1			X		
Stevenson Dam	WT		08/12/24	14:40			1			X		
Shepaug Dam	WT		08/12/24	16:30			1			X		
Rt. 202 Bridge	WT		08/12/24	18:15			1			X		
Rt. 341 Bridge	WT		08/13/24	14:00			1			X		
Canaan Town Line Bridge	WT		08/13/24	16:15			1			X		
Falls Village Dam	WT		08/13/24	12:30			1			X		
Ronnapo Rd Bridge	WT		08/13/24	17:30			1			X		
Rising Pond Dam	WT		08/14/24	12:35			1			X		
Rising Pond Dam-Auto	WT		08/14/24	12:35			1			X		

Additional Instructions from Pace®: Short Hold Time Refer to Contract

Collected By: Printed Name: Penelope T. Rabasco

Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: * Please use entire sample for analysis.

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp (°C):	Corrected Temp (°C):	On Ice
2	THER1	-0.1	3.4	3.3	2

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Rabasco / Arcadis	08/15/24 17:30		8/16/24 9:32

Tracking Number: 5

Delivered by: [ ] In-Person [X] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name:	Arcadis
Street Address:	110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202
Customer Project #:	30224932.3000
Project Name:	Housatonic River BMP
Site Collection Info/Facility ID (as applicable):	Housatonic River
Time Zone Collected:	[ ] AK [ ] PT [ ] MT [ ] CT [✓] ET
Contact/Report To:	Dave Knutsen
Phone #:	315-671-9374
E-Mail:	David.Knutsen@Arcadis.com
Cc E-Mail:	
Invoice to:	Arcadis U.S. Inc
Invoice E-mail:	accountspayable.administration@arcadis.com
Purchase Order # (if applicable):	
Quote #:	
County / State origin of sample(s):	Pittsfield, MA

Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Specify Container Size **: 1

Identify Container Preservative Type***: 1

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TSS Low Level SM 2540D	Lab Use Only	Sample Comment	Preservation non-conformance identified for sample
HR-D1	WT		08/14/24	—			1			X	Proj. Mgr:		
Old Pleasant Street Bridge	WT		08/14/24	15:40			1			X	AcctNum / Client ID:		
Woods Pond Dam	WT		08/14/24	16:30			1			X	Table #:		
Woods Pond Dam-Auto	WT		08/14/24	16:30			1			X	Profile / Template:		
New Lenox Rd Bridge	WT		08/15/24	13:00			1			X	Prelog / Bottle Ord. ID: 45643		
Near Pittsfield WWTP	WT		08/15/24	14:30			1			X			

Additional Instructions from Pace®: Short Hold Time Refer to Contract

Collected By: Printed Name: Penelope T. Rabasco Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: * Please use entire sample for analysis.

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp (°C):	Corrected Temp (°C):	[ ] On Ice
2	TH21	-0.1	1.4	1.3	Y

	Date/Time:		Date/Time:
Relinquished by/Company: (Signature) Penelope T. Rabasco/Arcadis	08/15/24 17:30	Received by/Company: (Signature)	8/16/24 932
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [✓] FedEX [ ] UPS [ ] Other

Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Appendix B

Annotated Sample Analysis Data Sheets

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10704414

Sample: Derby Dam **Lab ID: 10704414001** Collected: 08/12/24 13:30 Received: 08/16/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		08/19/24 16:41		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10704414

Sample: Stevenson Dam **Lab ID: 10704414002** Collected: 08/12/24 14:40 Received: 08/16/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		08/19/24 16:41		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10704414

Sample: Shepaug Dam **Lab ID: 10704414003** Collected: 08/12/24 16:30 Received: 08/16/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		08/19/24 16:41		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10704414

Sample: Rt. 202 Bridge **Lab ID: 10704414004** Collected: 08/12/24 18:15 Received: 08/16/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**12.3**	mg/L	2.5	1		08/19/24 16:41		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10704414

Sample: Rt. 341 Bridge **Lab ID: 10704414005** Collected: 08/13/24 14:00 Received: 08/16/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**10.4**	mg/L	2.5	1		08/20/24 18:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10704414

Sample: Canaan Town Line Bridge **Lab ID: 10704414006** Collected: 08/13/24 16:15 Received: 08/16/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**5.1**	mg/L	2.5	1		08/19/24 16:41		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10704414

Sample: Falls Village Dam **Lab ID: 10704414007** Collected: 08/13/24 12:30 Received: 08/16/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**5.1**	mg/L	2.5	1		08/20/24 18:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10704414

Sample: Rannapo Rd Bridge **Lab ID: 10704414008** Collected: 08/13/24 17:30 Received: 08/16/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**11.1**	mg/L	2.5	1		08/20/24 18:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10704414

Sample: Rising Pond Dam **Lab ID: 10704414009** Collected: 08/14/24 12:35 Received: 08/16/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**5.3**	mg/L	2.5	1		08/21/24 17:40		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10704414

Sample: Rising Pond Dam - Auto **Lab ID: 10704414010** Collected: 08/14/24 12:35 Received: 08/16/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**20.8**	mg/L	2.5	1		08/21/24 17:40		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10704414

Sample: HR-D1 **Lab ID: 10704414011** Collected: 08/14/24 00:00 Received: 08/16/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**4.8**	mg/L	2.5	1		08/21/24 17:40		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10704414

Sample: Old Pleasant Street Bridge **Lab ID: 10704414012** Collected: 08/14/24 15:40 Received: 08/16/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**3.3**	mg/L	2.5	1		08/21/24 17:40		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10704414

Sample: Woods Pond Dam **Lab ID: 10704414013** Collected: 08/14/24 16:30 Received: 08/16/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.5**	mg/L	2.5	1		08/21/24 17:40		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10704414

Sample: Woods Pond Dam - Auto **Lab ID: 10704414014** Collected: 08/14/24 16:30 Received: 08/16/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**12.2**	mg/L	2.5	1		08/21/24 17:40		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10704414

Sample: New Lenox Rd Bridge **Lab ID: 10704414015** Collected: 08/15/24 13:00 Received: 08/16/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**3.5**	mg/L	2.5	1		08/22/24 15:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10704414

Sample: Near Pittsfield WWTP **Lab ID: 10704414016** Collected: 08/15/24 14:30 Received: 08/16/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**3.1**	mg/L	2.5	1		08/22/24 15:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

WO# : 70309959

70309959

Scan QR Code for instructions

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30224932.3000	Invoice to: Arcadis U.S. Inc, administration
Project Name: Housatonic River BMP	Invoice E-mail: accountspayable@arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET	County / State origin of sample(s): Pittsfield, MA

Data Deliverables: [ ] Level II [ ] Level III [X] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	Specify Container Size **	Identify Container Preservative Type***	Analysis Requested: 1ss Low Level * SM2540D	Sample Comment
Pomeroy Avenue Bridge	WT		08/16/24	13:45			1			1	1	X	

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 45643

Preservation non-conformance identified for sample

Additional Instructions from Pace®: Short Hold Time Refer to Contract

Collected By: Printed Name: Penelope T. Rabasco Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: * Please use entire sample for analysis.

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C): | Corrected Temp. (°C): | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Rabasco / Arcadis	08/19/24 17:30	[illegible] Pace LI	8/20/24 927
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10704693

Sample: Pomeroy Avenue Bridge **Lab ID: 10704693001** Collected: 08/16/24 13:45 Received: 08/20/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		08/23/24 15:12		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Report No.: 10704779_10000_L2_dft

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 10704779

10704779

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30224932.3000	Invoice to: Arcadis U.S., Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accountspayable.administration@arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [~~X~~ ET]	County / State origin of sample(s): Pittsfield, MA
Data Deliverables: [ ] Level II [ ] Level III [X] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____ **Date Results Requested:**
	DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Specify Container Size **: 1

Identify Container Preservative Type***: 1

Analysis Requested: PCB 1668

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 456493

Preservation non-conformance identified for sample.

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	PCB 1668	Sample Comment
Derby Dam	WT		08/12/24	13:30			4			X	001
Stevenson Dam	WT		08/12/24	14:40			4			X	002
Shepaug Dam	WT		08/12/24	16:30			4			X	003
Rt. 202 Bridge	WT		08/12/24	18:15			4			X	004
Rt. 341 Bridge	WT		08/13/24	14:00			4			X	005
Canaan Town Line Bridge	WT		08/13/24	16:15			4			X	006
Falls Village Dam	WT		08/13/24	12:30			4			X	007
Rannapo Rd Bridge	WT		08/13/24	17:30			4			X	008
Rising Pond Dam	WT		08/14/24	12:35			4			X	009
Rising Pond Dam-Auto	WT		08/14/24	12:35			4			X	010

Additional Instructions from Pace® :

Collected By:
Printed Name: Penelope T. Robasco
Signature: Penelope T. Robasco

Customer Remarks / Special Conditions / Possible Hazards: Refer to Contract

Coolers: 10 | Thermometer ID: T4 | Correction Factor (°C): -0.3 | Obs. Temp. (°C): | Corrected Temp. (°C): | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Robasco / Arcadis	08/19/24 17:30	[illegible]/PACE	8/20/24 8:40
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Temps: 1.7, 1.4, 1.1, 3.0, 4.3, 2.3, 1.1, 2.2, 2.2, 2.3

Report No.: 10704779_1668C_L2_dft

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30022493.3000	Invoice to: Arcadis U.S., Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accountspayable.administration@arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [✓] ET	County / State origin of sample(s): Pittsfield, MA
Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other ____ Date Results Requested:
	DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Specify Container Size **: 1

Identify Container Preservative Type***: 1

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 45643

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	PCB 1668	Sample Comment	Preservation non-conformance Identified for sample.
HR-D1	WT		08/14/24	—			4			X	011	
Old Pleasant Street Bridge	WT		08/14/24	15:40			4			X	012	
Woods Pond Dam	WT		08/14/24	16:30			4			X	013	
Woods Pond Dam (Lab Dup)	WT		08/14/24	16:30			4			X	014	
Woods Pond Dam-Auto	WT		08/14/24	16:30			4			X	015	
New Lenox Rd Bridge	WT		08/15/24	13:00			4			X	016	
Near Pittsfield WWTP	WT		08/15/24	~~13:45~~ PTR 14:30			4			X	Sample Date/Time 08/15/24 14:30	017
Pomeray Avenue Bridge	WT		08/16/24	13:45			4			X	018	
HR-EB1	WT		08/13/24	10:00			4			X	019	

Additional Instructions from Pace®:

Collected By: Printed Name: Penelope T. Rabasco Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: Refer to contract

Coolers: 10 | Thermometer ID: T4 | Correction Factor (°C): -0.3 | Obs. Temp. (°C): | Corrected Temp. (°C): | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Penelope T. Rabasco / Arcadis	08/19/24 17:30	Mulsel PACE	8/20/24 8:40	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Temps: 1.7, 1.4, 1.1, 3.0, 4.3, 2.3, 1.1, 2.2, 2.2, 2.3

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10704779001
Lab File ID: P240913A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 13:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 16:26
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114640

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.25	3.05	2.00	0.904	45	
1	PCB-003L	13.05	3.00	2.00	1.06	53	
2	PCB-004L	13.36	1.56	2.00	0.959	48	
2	PCB-015L	20.48	1.58	2.00	1.33	67	
3	PCB-019L	17.18	1.03	2.00	0.987	49	
3	PCB-037L	28.29	1.08	2.00	1.51	76	
4	PCB-054L	20.82	0.80	2.00	0.875	44	
4	PCB-077L	36.01	0.81	2.00	1.78	89	
4	PCB-081L	35.44	0.80	2.00	1.69	84	
5	PCB-104L	26.94	1.55	2.00	1.03	52	
5	PCB-105L	39.65	1.65	2.00	1.73	86	
5	PCB-114L	39.00	1.59	2.00	1.71	85	
5	PCB-118L	38.43	1.59	2.00	1.69	85	
5	PCB-123L	38.09	1.61	2.00	1.68	84	
5	PCB-126L	42.82	1.61	2.00	1.78	89	
6	PCB-155L	33.03	1.27	2.00	1.21	61	
6	PCB-156/157L	45.89	1.28	4.00	3.26	81	
6	PCB-167L	44.72	1.27	2.00	1.66	83	
6	PCB-169L	49.20	1.28	2.00	1.60	80	
7	PCB-188L	38.96	1.04	2.00	1.76	88	
7	PCB-189L	51.77	1.09	2.00	1.71	86	
8	PCB-202L	44.45	0.90	2.00	1.77	89	
8	PCB-205L	54.35	0.89	2.00	1.61	80	
9	PCB-206L	56.10	0.80	2.00	1.53	76	
9	PCB-208L	51.27	0.79	2.00	1.75	87	
10	PCB-209L	57.74	0.71	2.00	1.57	78	
Recovery Standards							
2	PCB-009L	15.82	1.58	2.00	2.18	N/A	
4	PCB-052L	25.91	0.78	2.00	2.35	N/A	
5	PCB-101L	33.25	1.59	2.00	2.23	N/A	
6	PCB-138L	41.63	1.29	2.00	2.36	N/A	
8	PCB-194L	53.88	0.91	2.00	2.10	N/A	
Cleanup Standards							
3	PCB-028L	23.91	1.05	2.00	1.46	73	
5	PCB-111L	36.05	1.55	2.00	1.63	82	
7	PCB-178L	42.08	1.03	2.00	1.70	85	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10704779001
Lab File ID: P240913A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 13:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 16:26
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0237	0.00421	
1	PCB-002			ND		0.0237	0.00428	
1	PCB-003			ND		0.0237	0.00797	
2	PCB-004	13.38	1.36	0.0569	U	0.0237	0.00536	
2	PCB-005			ND		0.0237	0.00573	
2	PCB-006			ND		0.0237	0.00291	
2	PCB-007			ND		0.0237	0.00278	
2	PCB-008			ND		0.0237	0.00567	
2	PCB-009			ND		0.0237	0.00112	
2	PCB-010			ND		0.0237	0.00128	
2	PCB-011			ND		0.233	0.0618	
2	PCB-012/013			ND		0.0475	0.00311	
2	PCB-014			ND		0.0237	0.00109	
2	PCB-015			ND		0.0313	0.00612	
3	PCB-016			ND		0.0237	0.00345	
3	PCB-017			ND		0.0237	0.00384	
3	PCB-018/030			ND		0.0475	0.00629	
3	PCB-019			ND		0.0237	0.00323	
3	PCB-020/028			ND		0.122	0.00713	
3	PCB-021/033			ND		0.128	0.00588	
3	PCB-022			ND		0.0902	0.00388	
3	PCB-023			ND		0.0237	0.00118	
3	PCB-024			ND		0.0237	0.00132	
3	PCB-025			ND		0.0237	0.00153	
3	PCB-026/029			ND		0.0475	0.00247	
3	PCB-027			ND		0.0237	0.00106	
3	PCB-031			ND		0.123	0.00862	
3	PCB-032			ND		0.0237	0.00288	
3	PCB-034			ND		0.0237	0.00115	
3	PCB-035			ND		0.0237	0.00117	
3	PCB-036			ND		0.0237	0.00111	
3	PCB-037			ND		0.0503	0.00287	
3	PCB-038			ND		0.0237	0.00117	
3	PCB-039			ND		0.0237	0.00149	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10704779001
Lab File ID: P240913A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 13:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 16:26
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0712	0.00488	
4	PCB-042			ND		0.0237	0.00259	
4	PCB-043/073			ND		0.0475	0.00234	
4	PCB-044/047/065			ND		0.0712	0.00689	
4	PCB-045/051			ND		0.0475	0.00356	
4	PCB-046			ND		0.0237	0.00160	
4	PCB-048			ND		0.0237	0.00189	
4	PCB-069/049			ND		0.0475	0.00400	
4	PCB-050/053			ND		0.0475	0.00204	
4	PCB-052			ND		0.122	0.0144	
4	PCB-054			ND		0.0237	0.00109	
4	PCB-055			ND		0.0237	0.00161	
4	PCB-056			ND		0.0237	0.00363	
4	PCB-057			ND		0.0237	0.00108	
4	PCB-058			ND		0.0237	0.00139	
4	PCB-059/062/075			ND		0.0712	0.00244	
4	PCB-060			ND		0.0237	0.00199	
4	PCB-061/070/074/076			ND		0.0949	0.00857	
4	PCB-063			ND		0.0237	0.00093	
4	PCB-064			ND		0.0237	0.00234	
4	PCB-066			ND		0.0560	0.00446	
4	PCB-067			ND		0.0237	0.00131	
4	PCB-068			ND		0.0237	0.00119	
4	PCB-072			ND		0.0237	0.00083	
4	PCB-077			ND		0.0237	0.00144	
4	PCB-078			ND		0.0237	0.00121	
4	PCB-079			ND		0.0237	0.00083	
4	PCB-080			ND		0.0237	0.00117	
4	PCB-081			ND		0.0237	0.00079	
5	PCB-082			ND		0.0237	0.00144	
5	PCB-083			ND		0.0237	0.00123	
5	PCB-084			ND		0.0237	0.00248	
5	PCB-085/116/117			ND		0.0712	0.00329	
5	PCB-086/087/097/108/119/12			ND		0.142	0.00628	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10704779001
Lab File ID: P240913A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 13:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 16:26
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0475	0.00191	
5	PCB-089			ND		0.0237	0.00135	
5	PCB-090/101/113			ND		0.0712	0.00485	
5	PCB-092			ND		0.0237	0.00103	
5	PCB-093/098/100/102			ND		0.0949	0.00438	
5	PCB-094			ND		0.0237	0.00088	
5	PCB-095			ND		0.0664	0.00666	
5	PCB-096			ND		0.0237	0.00089	
5	PCB-099			ND		0.0237	0.00199	
5	PCB-103			ND		0.0237	0.00073	
5	PCB-104			ND		0.0237	0.00136	
5	PCB-105			ND		0.0237	0.00305	
5	PCB-106			ND		0.0237	0.00120	
5	PCB-107/124			ND		0.0475	0.00214	
5	PCB-109			ND		0.0237	0.00151	
5	PCB-110/115			ND		0.0475	0.00541	
5	PCB-111			ND		0.0237	0.00093	
5	PCB-112			ND		0.0237	0.00147	
5	PCB-114			ND		0.0237	0.00121	
5	PCB-118			ND		0.0370	0.00550	
5	PCB-120			ND		0.0237	0.00091	
5	PCB-121			ND		0.0237	0.00126	
5	PCB-122			ND		0.0237	0.00131	
5	PCB-123			ND		0.0237	0.00141	
5	PCB-126			ND		0.0237	0.00075	
5	PCB-127			ND		0.0237	0.00120	
6	PCB-128/166			ND		0.0475	0.00256	
6	PCB-129/138/163			ND		0.0712	0.00534	
6	PCB-130			ND		0.0237	0.00131	
6	PCB-131			ND		0.0237	0.00157	
6	PCB-132			ND		0.0237	0.00177	
6	PCB-133			ND		0.0237	0.00112	
6	PCB-134/143			ND		0.0475	0.00292	
6	PCB-135/151			ND		0.0475	0.00319	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10704779001
Lab File ID: P240913A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 13:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 16:26
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.0237	0.00163	
6	PCB-137			ND		0.0237	0.00173	
6	PCB-139/140			ND		0.0475	0.00223	
6	PCB-141			ND		0.0237	0.00210	
6	PCB-142			ND		0.0237	0.00146	
6	PCB-144			ND		0.0237	0.00095	
6	PCB-145			ND		0.0237	0.00109	
6	PCB-146			ND		0.0237	0.00134	
6	PCB-147/149	37.25	1.24	0.0561		0.0475	0.00407	
6	PCB-148			ND		0.0237	0.00111	
6	PCB-150			ND		0.0237	0.00112	
6	PCB-152			ND		0.0237	0.00090	
6	PCB-153/168	40.37	1.21	0.0600		0.0475	0.00319	
6	PCB-154			ND		0.0237	0.00140	
6	PCB-155			ND		0.0237	0.00123	
6	PCB-156/157			ND		0.0475	0.00176	
6	PCB-158			ND		0.0237	0.00131	
6	PCB-159			ND		0.0237	0.00118	
6	PCB-160			ND		0.0237	0.00134	
6	PCB-161			ND		0.0237	0.00066	
6	PCB-162			ND		0.0237	0.00119	
6	PCB-164			ND		0.0237	0.00147	
6	PCB-165			ND		0.0237	0.00077	
6	PCB-167			ND		0.0237	0.00171	
6	PCB-169			ND		0.0237	0.00106	
7	PCB-170			ND		0.0237	0.00152	
7	PCB-171/173			ND		0.0475	0.00196	
7	PCB-172			ND		0.0237	0.00473	
7	PCB-174			ND		0.0237	0.00171	
7	PCB-175			ND		0.0237	0.00113	
7	PCB-176			ND		0.0237	0.00094	
7	PCB-177			ND		0.0237	0.00195	
7	PCB-178			ND		0.0237	0.00125	
7	PCB-179			ND		0.0237	0.00147	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10704779001
Lab File ID: P240913A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 13:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 16:26
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND		0.0475	0.00432	
7	PCB-181			ND		0.0237	0.00157	
7	PCB-182			ND		0.0237	0.00129	
7	PCB-183/185			ND		0.0475	0.00287	
7	PCB-184			ND		0.0237	0.00066	
7	PCB-186			ND		0.0237	0.00155	
7	PCB-187	43.04	1.05	0.0248		0.0237	0.00176	
7	PCB-188			ND		0.0237	0.00075	
7	PCB-189			ND		0.0237	0.00119	
7	PCB-190			ND		0.0237	0.00165	
7	PCB-191			ND		0.0237	0.00152	
7	PCB-192			ND		0.0237	0.00153	
8	PCB-194			ND		0.0237	0.00122	
8	PCB-195			ND		0.0237	0.00157	
8	PCB-196			ND		0.0237	0.00117	
8	PCB-197/200			ND		0.0475	0.00198	
8	PCB-198/199			ND		0.0475	0.00205	
8	PCB-201			ND		0.0237	0.00060	
8	PCB-202			ND		0.0237	0.00127	
8	PCB-203			ND		0.0237	0.00107	
8	PCB-204			ND		0.0237	0.00122	
8	PCB-205			ND		0.0237	0.00147	
9	PCB-206			ND		0.0237	0.00210	
9	PCB-207			ND		0.0237	0.00141	
9	PCB-208			ND		0.0237	0.00126	
10	PCB-209			ND		0.0237	0.00743	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10704779001
Lab File ID: P240913A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 13:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 16:26
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0569	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	0.116	
Total HpCB	0.0248	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	0.198	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10704779002
Lab File ID: P240913A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 14:40
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 17:27
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114640

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.27	2.93	2.00	0.713	36	
1	PCB-003L	13.07	3.15	2.00	0.812	41	
2	PCB-004L	13.38	1.56	2.00	0.744	37	
2	PCB-015L	20.49	1.59	2.00	0.990	50	
3	PCB-019L	17.21	1.04	2.00	0.732	37	
3	PCB-037L	28.29	1.06	2.00	1.17	58	
4	PCB-054L	20.83	0.79	2.00	0.663	33	
4	PCB-077L	36.03	0.79	2.00	1.47	74	
4	PCB-081L	35.44	0.80	2.00	1.42	71	
5	PCB-104L	26.96	1.58	2.00	0.741	37	
5	PCB-105L	39.65	1.61	2.00	1.43	72	
5	PCB-114L	39.00	1.63	2.00	1.39	69	
5	PCB-118L	38.44	1.62	2.00	1.39	69	
5	PCB-123L	38.09	1.60	2.00	1.40	70	
5	PCB-126L	42.84	1.58	2.00	1.47	74	
6	PCB-155L	33.03	1.25	2.00	0.900	45	
6	PCB-156/157L	45.91	1.27	4.00	2.75	69	
6	PCB-167L	44.72	1.29	2.00	1.38	69	
6	PCB-169L	49.21	1.31	2.00	1.34	67	
7	PCB-188L	38.96	1.03	2.00	1.46	73	
7	PCB-189L	51.77	1.07	2.00	1.48	74	
8	PCB-202L	44.47	0.89	2.00	1.53	76	
8	PCB-205L	54.38	0.90	2.00	1.40	70	
9	PCB-206L	56.12	0.79	2.00	1.34	67	
9	PCB-208L	51.27	0.81	2.00	1.50	75	
10	PCB-209L	57.76	0.70	2.00	1.35	68	
Recovery Standards							
2	PCB-009L	15.84	1.59	2.00	2.42	N/A	
4	PCB-052L	25.92	0.78	2.00	2.57	N/A	
5	PCB-101L	33.25	1.56	2.00	2.47	N/A	
6	PCB-138L	41.65	1.27	2.00	2.60	N/A	
8	PCB-194L	53.88	0.90	2.00	2.25	N/A	
Cleanup Standards							
3	PCB-028L	23.93	1.04	2.00	1.30	65	
5	PCB-111L	36.06	1.54	2.00	1.48	74	
7	PCB-178L	42.10	1.05	2.00	1.54	77	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10704779002
Lab File ID: P240913A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 14:40
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 17:27
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0230	0.00408	
1	PCB-002			ND		0.0230	0.00415	
1	PCB-003			ND		0.0230	0.00773	
2	PCB-004	13.40	1.40	0.0628	U	0.0230	0.00520	
2	PCB-005			ND		0.0230	0.00556	
2	PCB-006			ND		0.0230	0.00282	
2	PCB-007			ND		0.0230	0.00269	
2	PCB-008			ND		0.0230	0.00550	
2	PCB-009			ND		0.0230	0.00109	
2	PCB-010			ND		0.0230	0.00124	
2	PCB-011			ND		0.225	0.0599	
2	PCB-012/013			ND		0.0460	0.00301	
2	PCB-014			ND		0.0230	0.00105	
2	PCB-015			ND		0.0304	0.00593	
3	PCB-016			ND		0.0230	0.00335	
3	PCB-017			ND		0.0230	0.00373	
3	PCB-018/030			ND		0.0460	0.00610	
3	PCB-019			ND		0.0230	0.00313	
3	PCB-020/028			ND		0.119	0.00691	
3	PCB-021/033			ND		0.124	0.00570	
3	PCB-022			ND		0.0874	0.00376	
3	PCB-023			ND		0.0230	0.00114	
3	PCB-024			ND		0.0230	0.00128	
3	PCB-025			ND		0.0230	0.00148	
3	PCB-026/029			ND		0.0460	0.00239	
3	PCB-027			ND		0.0230	0.00103	
3	PCB-031			ND		0.120	0.00836	
3	PCB-032			ND		0.0230	0.00279	
3	PCB-034			ND		0.0230	0.00112	
3	PCB-035			ND		0.0230	0.00114	
3	PCB-036			ND		0.0230	0.00107	
3	PCB-037			ND		0.0488	0.00278	
3	PCB-038			ND		0.0230	0.00113	
3	PCB-039			ND		0.0230	0.00145	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10704779002
Lab File ID: P240913A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 14:40
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 17:27
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0690	0.00473	
4	PCB-042			ND		0.0230	0.00251	
4	PCB-043/073			ND		0.0460	0.00227	
4	PCB-044/047/065			ND		0.0690	0.00668	
4	PCB-045/051			ND		0.0460	0.00345	
4	PCB-046			ND		0.0230	0.00155	
4	PCB-048			ND		0.0230	0.00183	
4	PCB-069/049			ND		0.0460	0.00388	
4	PCB-050/053			ND		0.0460	0.00198	
4	PCB-052			ND		0.119	0.0139	
4	PCB-054			ND		0.0230	0.00105	
4	PCB-055			ND		0.0230	0.00156	
4	PCB-056			ND		0.0230	0.00352	
4	PCB-057			ND		0.0230	0.00105	
4	PCB-058			ND		0.0230	0.00135	
4	PCB-059/062/075			ND		0.0690	0.00237	
4	PCB-060			ND		0.0230	0.00193	
4	PCB-061/070/074/076			ND		0.0920	0.00830	
4	PCB-063			ND		0.0230	0.00090	
4	PCB-064			ND		0.0230	0.00227	
4	PCB-066			ND		0.0543	0.00432	
4	PCB-067			ND		0.0230	0.00127	
4	PCB-068			ND		0.0230	0.00115	
4	PCB-072			ND		0.0230	0.00081	
4	PCB-077			ND		0.0230	0.00139	
4	PCB-078			ND		0.0230	0.00117	
4	PCB-079			ND		0.0230	0.00081	
4	PCB-080			ND		0.0230	0.00113	
4	PCB-081			ND		0.0230	0.00076	
5	PCB-082			ND		0.0230	0.00139	
5	PCB-083			ND		0.0230	0.00120	
5	PCB-084			ND		0.0230	0.00240	
5	PCB-085/116/117			ND		0.0690	0.00319	
5	PCB-086/087/097/108/119/12			ND		0.138	0.00608	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10704779002
Lab File ID: P240913A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 14:40
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 17:27
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0460	0.00185	
5	PCB-089			ND		0.0230	0.00131	
5	PCB-090/101/113			ND		0.0690	0.00470	
5	PCB-092			ND		0.0230	0.00099	
5	PCB-093/098/100/102			ND		0.0920	0.00424	
5	PCB-094			ND		0.0230	0.00085	
5	PCB-095			ND		0.0644	0.00645	
5	PCB-096			ND		0.0230	0.00087	
5	PCB-099			ND		0.0230	0.00193	
5	PCB-103			ND		0.0230	0.00071	
5	PCB-104			ND		0.0230	0.00132	
5	PCB-105			ND		0.0230	0.00296	
5	PCB-106			ND		0.0230	0.00116	
5	PCB-107/124			ND		0.0460	0.00207	
5	PCB-109			ND		0.0230	0.00146	
5	PCB-110/115			ND		0.0460	0.00524	
5	PCB-111			ND		0.0230	0.00090	
5	PCB-112			ND		0.0230	0.00143	
5	PCB-114			ND		0.0230	0.00117	
5	PCB-118			ND		0.0359	0.00534	
5	PCB-120			ND		0.0230	0.00088	
5	PCB-121			ND		0.0230	0.00122	
5	PCB-122			ND		0.0230	0.00127	
5	PCB-123			ND		0.0230	0.00137	
5	PCB-126			ND		0.0230	0.00073	
5	PCB-127			ND		0.0230	0.00116	
6	PCB-128/166			ND		0.0460	0.00248	
6	PCB-129/138/163			ND		0.0690	0.00518	
6	PCB-130			ND		0.0230	0.00127	
6	PCB-131			ND		0.0230	0.00152	
6	PCB-132			ND		0.0230	0.00171	
6	PCB-133			ND		0.0230	0.00108	
6	PCB-134/143			ND		0.0460	0.00283	
6	PCB-135/151			ND		0.0460	0.00309	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10704779002
Lab File ID: P240913A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 14:40
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 17:27
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.0230	0.00158	
6	PCB-137			ND		0.0230	0.00168	
6	PCB-139/140			ND		0.0460	0.00216	
6	PCB-141			ND		0.0230	0.00204	
6	PCB-142			ND		0.0230	0.00141	
6	PCB-144			ND		0.0230	0.00092	
6	PCB-145			ND		0.0230	0.00105	
6	PCB-146			ND		0.0230	0.00130	
6	PCB-147/149			ND		0.0460	0.00395	
6	PCB-148			ND		0.0230	0.00107	
6	PCB-150			ND		0.0230	0.00109	
6	PCB-152			ND		0.0230	0.00087	
6	PCB-153/168			ND		0.0460	0.00309	
6	PCB-154			ND		0.0230	0.00136	
6	PCB-155			ND		0.0230	0.00120	
6	PCB-156/157			ND		0.0460	0.00170	
6	PCB-158			ND		0.0230	0.00127	
6	PCB-159			ND		0.0230	0.00114	
6	PCB-160			ND		0.0230	0.00130	
6	PCB-161			ND		0.0230	0.00064	
6	PCB-162			ND		0.0230	0.00115	
6	PCB-164			ND		0.0230	0.00143	
6	PCB-165			ND		0.0230	0.00074	
6	PCB-167			ND		0.0230	0.00166	
6	PCB-169			ND		0.0230	0.00103	
7	PCB-170			ND		0.0230	0.00147	
7	PCB-171/173			ND		0.0460	0.00190	
7	PCB-172			ND		0.0230	0.00459	
7	PCB-174			ND		0.0230	0.00166	
7	PCB-175			ND		0.0230	0.00109	
7	PCB-176			ND		0.0230	0.00091	
7	PCB-177			ND		0.0230	0.00189	
7	PCB-178			ND		0.0230	0.00121	
7	PCB-179			ND		0.0230	0.00143	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10704779002
Lab File ID: P240913A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 14:40
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 17:27
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND		0.0460	0.00419	
7	PCB-181			ND		0.0230	0.00152	
7	PCB-182			ND		0.0230	0.00125	
7	PCB-183/185			ND		0.0460	0.00278	
7	PCB-184			ND		0.0230	0.00064	
7	PCB-186			ND		0.0230	0.00151	
7	PCB-187			ND		0.0230	0.00170	
7	PCB-188			ND		0.0230	0.00072	
7	PCB-189			ND		0.0230	0.00115	
7	PCB-190			ND		0.0230	0.00160	
7	PCB-191			ND		0.0230	0.00147	
7	PCB-192			ND		0.0230	0.00148	
8	PCB-194			ND		0.0230	0.00118	
8	PCB-195			ND		0.0230	0.00152	
8	PCB-196			ND		0.0230	0.00114	
8	PCB-197/200			ND		0.0460	0.00192	
8	PCB-198/199			ND		0.0460	0.00199	
8	PCB-201			ND		0.0230	0.00058	
8	PCB-202			ND		0.0230	0.00123	
8	PCB-203			ND		0.0230	0.00103	
8	PCB-204			ND		0.0230	0.00118	
8	PCB-205			ND		0.0230	0.00143	
9	PCB-206			ND		0.0230	0.00204	
9	PCB-207			ND		0.0230	0.00137	
9	PCB-208			ND		0.0230	0.00122	
10	PCB-209			ND		0.0230	0.00720	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10704779002
Lab File ID: P240913A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 14:40
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 17:27
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0628	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	ND	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	0.0628	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10704779003
Lab File ID: P240913A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 18:28
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114640

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.21	3.06	2.00	0.857	43	
1	PCB-003L	13.04	3.11	2.00	1.03	51	
2	PCB-004L	13.34	1.55	2.00	0.929	46	
2	PCB-015L	20.47	1.60	2.00	1.32	66	
3	PCB-019L	17.17	1.03	2.00	0.976	49	
3	PCB-037L	28.29	1.06	2.00	1.50	75	
4	PCB-054L	20.82	0.79	2.00	0.892	45	
4	PCB-077L	36.02	0.78	2.00	1.77	88	
4	PCB-081L	35.44	0.79	2.00	1.72	86	
5	PCB-104L	26.94	1.57	2.00	1.13	57	
5	PCB-105L	39.65	1.62	2.00	1.69	85	
5	PCB-114L	38.98	1.63	2.00	1.67	84	
5	PCB-118L	38.43	1.56	2.00	1.69	85	
5	PCB-123L	38.09	1.56	2.00	1.67	84	
5	PCB-126L	42.82	1.59	2.00	1.71	86	
6	PCB-155L	33.03	1.27	2.00	1.32	66	
6	PCB-156/157L	45.89	1.28	4.00	3.19	80	
6	PCB-167L	44.72	1.29	2.00	1.64	82	
6	PCB-169L	49.20	1.31	2.00	1.59	79	
7	PCB-188L	38.96	1.04	2.00	1.72	86	
7	PCB-189L	51.77	1.07	2.00	1.68	84	
8	PCB-202L	44.45	0.89	2.00	1.70	85	
8	PCB-205L	54.36	0.89	2.00	1.60	80	
9	PCB-206L	56.10	0.80	2.00	1.54	77	
9	PCB-208L	51.27	0.79	2.00	1.70	85	
10	PCB-209L	57.74	0.71	2.00	1.56	78	
Recovery Standards							
2	PCB-009L	15.81	1.59	2.00	2.22	N/A	
4	PCB-052L	25.91	0.78	2.00	2.40	N/A	
5	PCB-101L	33.25	1.56	2.00	2.32	N/A	
6	PCB-138L	41.63	1.27	2.00	2.38	N/A	
8	PCB-194L	53.88	0.92	2.00	2.17	N/A	
Cleanup Standards							
3	PCB-028L	23.91	1.06	2.00	1.47	74	
5	PCB-111L	36.05	1.59	2.00	1.60	80	
7	PCB-178L	42.08	1.04	2.00	1.68	84	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10704779003
Lab File ID: P240913A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 18:28
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0228	0.00404	
1	PCB-002			ND		0.0228	0.00411	
1	PCB-003			ND		0.0228	0.00765	
2	PCB-004	13.36	1.48	0.208		0.0228	0.00514	
2	PCB-005			ND		0.0228	0.00550	
2	PCB-006			ND		0.0228	0.00279	
2	PCB-007			ND		0.0228	0.00266	
2	PCB-008	16.85	1.57	0.0376	U	0.0228	0.00544	
2	PCB-009			ND		0.0228	0.00108	
2	PCB-010			ND		0.0228	0.00123	
2	PCB-011			ND		0.223	0.0593	
2	PCB-012/013			ND		0.0455	0.00298	
2	PCB-014			ND		0.0228	0.00104	
2	PCB-015	20.49	1.56	0.0314		0.0301	0.00587	
3	PCB-016			ND		0.0228	0.00331	
3	PCB-017	19.90	1.00	0.0428		0.0228	0.00369	
3	PCB-018/030	19.41	1.05	0.0559		0.0455	0.00603	
3	PCB-019	17.20	1.07	0.0537		0.0228	0.00310	
3	PCB-020/028			ND		0.117	0.00684	
3	PCB-021/033			ND		0.123	0.00565	
3	PCB-022			ND		0.0865	0.00372	
3	PCB-023			ND		0.0228	0.00113	
3	PCB-024			ND		0.0228	0.00126	
3	PCB-025			ND		0.0228	0.00147	
3	PCB-026/029			ND		0.0455	0.00237	
3	PCB-027			ND		0.0228	0.00102	
3	PCB-031			ND		0.118	0.00828	
3	PCB-032			ND		0.0228	0.00277	
3	PCB-034			ND		0.0228	0.00111	
3	PCB-035			ND		0.0228	0.00113	
3	PCB-036			ND		0.0228	0.00106	
3	PCB-037			ND		0.0483	0.00275	
3	PCB-038			ND		0.0228	0.00112	
3	PCB-039			ND		0.0228	0.00143	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10704779003
Lab File ID: P240913A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 18:28
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0683	0.00468	
4	PCB-042			ND		0.0228	0.00248	
4	PCB-043/073			ND		0.0455	0.00224	
4	PCB-044/047/065	27.05	0.76	0.123		0.0683	0.00661	
4	PCB-045/051			ND		0.0455	0.00341	
4	PCB-046			ND		0.0228	0.00154	
4	PCB-048			ND		0.0228	0.00181	
4	PCB-069/049	26.46	0.75	0.0733		0.0455	0.00384	
4	PCB-050/053			ND		0.0455	0.00196	
4	PCB-052			ND		0.117	0.0138	
4	PCB-054			ND		0.0228	0.00104	
4	PCB-055			ND		0.0228	0.00155	
4	PCB-056			ND		0.0228	0.00348	
4	PCB-057			ND		0.0228	0.00104	
4	PCB-058			ND		0.0228	0.00133	
4	PCB-059/062/075			ND		0.0683	0.00234	
4	PCB-060			ND		0.0228	0.00191	
4	PCB-061/070/074/076			ND		0.0911	0.00822	
4	PCB-063			ND		0.0228	0.00089	
4	PCB-064	28.37	0.79	0.0268		0.0228	0.00224	
4	PCB-066			ND		0.0537	0.00428	
4	PCB-067			ND		0.0228	0.00125	
4	PCB-068			ND		0.0228	0.00114	
4	PCB-072			ND		0.0228	0.00080	
4	PCB-077			ND		0.0228	0.00138	
4	PCB-078			ND		0.0228	0.00116	
4	PCB-079			ND		0.0228	0.00080	
4	PCB-080			ND		0.0228	0.00112	
4	PCB-081			ND		0.0228	0.00076	
5	PCB-082			ND		0.0228	0.00138	
5	PCB-083			ND		0.0228	0.00118	
5	PCB-084	31.30	1.63	0.0245		0.0228	0.00238	
5	PCB-085/116/117			ND		0.0683	0.00315	
5	PCB-086/087/097/108/119/12			ND		0.137	0.00602	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10704779003
Lab File ID: P240913A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 18:28
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0455	0.00183	
5	PCB-089			ND		0.0228	0.00130	
5	PCB-090/101/113	33.26	1.56	0.109		0.0683	0.00466	
5	PCB-092	32.64	1.63	0.0292		0.0228	0.00098	
5	PCB-093/098/100/102			ND		0.0911	0.00420	
5	PCB-094			ND		0.0228	0.00084	
5	PCB-095	30.15	1.58	0.0858		0.0637	0.00639	
5	PCB-096			ND		0.0228	0.00086	
5	PCB-099	33.88	1.54	0.0522		0.0228	0.00191	
5	PCB-103			ND		0.0228	0.00070	
5	PCB-104			ND		0.0228	0.00131	
5	PCB-105	39.67	1.58	0.0270		0.0228	0.00293	
5	PCB-106			ND		0.0228	0.00115	
5	PCB-107/124			ND		0.0455	0.00205	
5	PCB-109			ND		0.0228	0.00145	
5	PCB-110/115	35.32	1.59	0.117	U	0.0455	0.00519	
5	PCB-111			ND		0.0228	0.00089	
5	PCB-112			ND		0.0228	0.00141	
5	PCB-114			ND		0.0228	0.00116	
5	PCB-118	38.46	1.53	0.0632		0.0355	0.00528	
5	PCB-120			ND		0.0228	0.00087	
5	PCB-121			ND		0.0228	0.00121	
5	PCB-122			ND		0.0228	0.00125	
5	PCB-123			ND		0.0228	0.00135	
5	PCB-126			ND		0.0228	0.00072	
5	PCB-127			ND		0.0228	0.00115	
6	PCB-128/166			ND		0.0455	0.00246	
6	PCB-129/138/163	41.66	1.24	0.147		0.0683	0.00512	
6	PCB-130			ND		0.0228	0.00125	
6	PCB-131			ND		0.0228	0.00150	
6	PCB-132	38.54	1.24	0.0405		0.0228	0.00170	
6	PCB-133			ND		0.0228	0.00107	
6	PCB-134/143			ND		0.0455	0.00280	
6	PCB-135/151	36.29	1.23	0.0664		0.0455	0.00306	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10704779003
Lab File ID: P240913A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 18:28
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.0228	0.00156	
6	PCB-137			ND		0.0228	0.00166	
6	PCB-139/140			ND		0.0455	0.00214	
6	PCB-141	40.57	1.22	0.0242		0.0228	0.00201	
6	PCB-142			ND		0.0228	0.00140	
6	PCB-144			ND		0.0228	0.00091	
6	PCB-145			ND		0.0228	0.00104	
6	PCB-146	39.73	1.25	0.0277		0.0228	0.00129	
6	PCB-147/149	37.25	1.26	0.130		0.0455	0.00390	
6	PCB-148			ND		0.0228	0.00106	
6	PCB-150			ND		0.0228	0.00108	
6	PCB-152			ND		0.0228	0.00086	
6	PCB-153/168	40.37	1.26	0.137		0.0455	0.00306	
6	PCB-154			ND		0.0228	0.00134	
6	PCB-155			ND		0.0228	0.00118	
6	PCB-156/157			ND		0.0455	0.00168	
6	PCB-158			ND		0.0228	0.00125	
6	PCB-159			ND		0.0228	0.00113	
6	PCB-160			ND		0.0228	0.00129	
6	PCB-161			ND		0.0228	0.00063	
6	PCB-162			ND		0.0228	0.00114	
6	PCB-164			ND		0.0228	0.00141	
6	PCB-165			ND		0.0228	0.00074	
6	PCB-167			ND		0.0228	0.00164	
6	PCB-169			ND		0.0228	0.00102	
7	PCB-170	48.59	1.10	0.0394		0.0228	0.00146	
7	PCB-171/173			ND		0.0455	0.00188	
7	PCB-172			ND		0.0228	0.00454	
7	PCB-174	43.90	0.97	0.0415		0.0228	0.00164	
7	PCB-175			ND		0.0228	0.00108	
7	PCB-176			ND		0.0228	0.00090	
7	PCB-177	44.35	1.04	0.0281		0.0228	0.00187	
7	PCB-178			ND		0.0228	0.00120	
7	PCB-179			ND		0.0228	0.00141	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10704779003
Lab File ID: P240913A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 18:28
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.32	1.01	0.0843		0.0455	0.00414	
7	PCB-181			ND		0.0228	0.00150	
7	PCB-182			ND		0.0228	0.00124	
7	PCB-183/185			ND		0.0455	0.00275	
7	PCB-184			ND		0.0228	0.00064	
7	PCB-186			ND		0.0228	0.00149	
7	PCB-187	43.04	0.98	0.0572		0.0228	0.00168	
7	PCB-188			ND		0.0228	0.00072	
7	PCB-189			ND		0.0228	0.00114	
7	PCB-190			ND		0.0228	0.00158	
7	PCB-191			ND		0.0228	0.00146	
7	PCB-192			ND		0.0228	0.00147	
8	PCB-194			ND		0.0228	0.00117	
8	PCB-195			ND		0.0228	0.00150	
8	PCB-196			ND		0.0228	0.00112	
8	PCB-197/200			ND		0.0455	0.00190	
8	PCB-198/199			ND		0.0455	0.00197	
8	PCB-201			ND		0.0228	0.00058	
8	PCB-202			ND		0.0228	0.00122	
8	PCB-203			ND		0.0228	0.00102	
8	PCB-204			ND		0.0228	0.00117	
8	PCB-205			ND		0.0228	0.00141	
9	PCB-206			ND		0.0228	0.00201	
9	PCB-207			ND		0.0228	0.00135	
9	PCB-208			ND		0.0228	0.00121	
10	PCB-209			ND		0.0228	0.00713	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10704779003
Lab File ID: P240913A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 18:28
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.277	B
Total TrCB	0.152	B
Total TeCB	0.223	
Total PeCB	0.508	
Total HxCB	0.573	
Total HpCB	0.251	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	1.98	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10704779004
Lab File ID: P240913A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 18:15
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 19:30
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114640

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.28	3.10	2.00	0.929	46	
1	PCB-003L	13.08	3.18	2.00	1.07	54	
2	PCB-004L	13.39	1.54	2.00	0.972	49	
2	PCB-015L	20.49	1.59	2.00	1.33	66	
3	PCB-019L	17.21	1.05	2.00	1.01	51	
3	PCB-037L	28.29	1.08	2.00	1.55	78	
4	PCB-054L	20.83	0.78	2.00	0.944	47	
4	PCB-077L	36.03	0.79	2.00	1.78	89	
4	PCB-081L	35.44	0.78	2.00	1.72	86	
5	PCB-104L	26.96	1.59	2.00	1.22	61	
5	PCB-105L	39.65	1.59	2.00	1.76	88	
5	PCB-114L	38.99	1.63	2.00	1.69	84	
5	PCB-118L	38.44	1.60	2.00	1.71	85	
5	PCB-123L	38.10	1.61	2.00	1.69	85	
5	PCB-126L	42.83	1.57	2.00	1.72	86	
6	PCB-155L	33.03	1.24	2.00	1.39	70	
6	PCB-156/157L	45.91	1.27	4.00	3.24	81	
6	PCB-167L	44.73	1.26	2.00	1.66	83	
6	PCB-169L	49.21	1.30	2.00	1.62	81	
7	PCB-188L	38.98	1.05	2.00	1.84	92	
7	PCB-189L	51.77	1.06	2.00	1.78	89	
8	PCB-202L	44.46	0.89	2.00	1.82	91	
8	PCB-205L	54.37	0.90	2.00	1.68	84	
9	PCB-206L	56.12	0.79	2.00	1.57	79	
9	PCB-208L	51.27	0.79	2.00	1.76	88	
10	PCB-209L	57.76	0.71	2.00	1.58	79	
Recovery Standards							
2	PCB-009L	15.85	1.58	2.00	2.20	N/A	
4	PCB-052L	25.92	0.78	2.00	2.32	N/A	
5	PCB-101L	33.24	1.59	2.00	2.22	N/A	
6	PCB-138L	41.64	1.29	2.00	2.31	N/A	
8	PCB-194L	53.88	0.91	2.00	2.00	N/A	
Cleanup Standards							
3	PCB-028L	23.91	1.06	2.00	1.57	78	
5	PCB-111L	36.06	1.59	2.00	1.67	84	
7	PCB-178L	42.10	1.03	2.00	1.73	86	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10704779004
Lab File ID: P240913A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 18:15
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 19:30
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0213	0.00379	
1	PCB-002			ND		0.0213	0.00385	
1	PCB-003			ND		0.0213	0.00717	
2	PCB-004	13.40	1.43	0.0845	U	0.0213	0.00482	
2	PCB-005			ND		0.0213	0.00515	
2	PCB-006			ND		0.0213	0.00261	
2	PCB-007			ND		0.0213	0.00250	
2	PCB-008			ND		0.0213	0.00510	
2	PCB-009			ND		0.0213	0.00101	
2	PCB-010			ND		0.0213	0.00115	
2	PCB-011			ND		0.209	0.0556	
2	PCB-012/013			ND		0.0427	0.00280	
2	PCB-014			ND		0.0213	0.00097	
2	PCB-015			ND		0.0282	0.00551	
3	PCB-016			ND		0.0213	0.00311	
3	PCB-017			ND		0.0213	0.00346	
3	PCB-018/030			ND		0.0427	0.00566	
3	PCB-019	17.23	1.05	0.0557		0.0213	0.00290	
3	PCB-020/028			ND		0.110	0.00641	
3	PCB-021/033			ND		0.115	0.00529	
3	PCB-022			ND		0.0811	0.00349	
3	PCB-023			ND		0.0213	0.00106	
3	PCB-024			ND		0.0213	0.00118	
3	PCB-025			ND		0.0213	0.00138	
3	PCB-026/029			ND		0.0427	0.00222	
3	PCB-027			ND		0.0213	0.00095	
3	PCB-031			ND		0.111	0.00776	
3	PCB-032			ND		0.0213	0.00259	
3	PCB-034			ND		0.0213	0.00104	
3	PCB-035			ND		0.0213	0.00106	
3	PCB-036			ND		0.0213	0.00099	
3	PCB-037			ND		0.0452	0.00258	
3	PCB-038			ND		0.0213	0.00105	
3	PCB-039			ND		0.0213	0.00134	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10704779004
Lab File ID: P240913A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 18:15
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 19:30
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0640	0.00439	
4	PCB-042			ND		0.0213	0.00233	
4	PCB-043/073			ND		0.0427	0.00210	
4	PCB-044/047/065	27.08	0.79	0.156		0.0640	0.00620	
4	PCB-045/051			ND		0.0427	0.00320	
4	PCB-046			ND		0.0213	0.00144	
4	PCB-048			ND		0.0213	0.00170	
4	PCB-069/049	26.48	0.79	0.0938		0.0427	0.00360	
4	PCB-050/053	23.27	0.80	0.0538		0.0427	0.00184	
4	PCB-052			ND		0.110	0.0129	
4	PCB-054			ND		0.0213	0.00097	
4	PCB-055			ND		0.0213	0.00145	
4	PCB-056			ND		0.0213	0.00327	
4	PCB-057			ND		0.0213	0.00097	
4	PCB-058			ND		0.0213	0.00125	
4	PCB-059/062/075			ND		0.0640	0.00220	
4	PCB-060			ND		0.0213	0.00179	
4	PCB-061/070/074/076			ND		0.0854	0.00771	
4	PCB-063			ND		0.0213	0.00083	
4	PCB-064			ND		0.0213	0.00210	
4	PCB-066			ND		0.0504	0.00401	
4	PCB-067			ND		0.0213	0.00117	
4	PCB-068			ND		0.0213	0.00107	
4	PCB-072			ND		0.0213	0.00075	
4	PCB-077			ND		0.0213	0.00129	
4	PCB-078			ND		0.0213	0.00109	
4	PCB-079			ND		0.0213	0.00075	
4	PCB-080			ND		0.0213	0.00105	
4	PCB-081			ND		0.0213	0.00071	
5	PCB-082			ND		0.0213	0.00129	
5	PCB-083			ND		0.0213	0.00111	
5	PCB-084			ND		0.0213	0.00223	
5	PCB-085/116/117			ND		0.0640	0.00296	
5	PCB-086/087/097/108/119/12			ND		0.128	0.00565	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10704779004
Lab File ID: P240913A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 18:15
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 19:30
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0427	0.00172	
5	PCB-089			ND		0.0213	0.00122	
5	PCB-090/101/113	33.27	1.55	0.163		0.0640	0.00436	
5	PCB-092	32.66	1.61	0.0515		0.0213	0.00092	
5	PCB-093/098/100/102			ND		0.0854	0.00394	
5	PCB-094			ND		0.0213	0.00079	
5	PCB-095	30.16	1.52	0.103		0.0598	0.00599	
5	PCB-096			ND		0.0213	0.00080	
5	PCB-099	33.89	1.53	0.0843		0.0213	0.00179	
5	PCB-103			ND		0.0213	0.00066	
5	PCB-104			ND		0.0213	0.00123	
5	PCB-105			ND		0.0213	0.00274	
5	PCB-106			ND		0.0213	0.00108	
5	PCB-107/124			ND		0.0427	0.00192	
5	PCB-109			ND		0.0213	0.00136	
5	PCB-110/115	35.33	1.59	0.134	U	0.0427	0.00487	
5	PCB-111			ND		0.0213	0.00084	
5	PCB-112			ND		0.0213	0.00132	
5	PCB-114			ND		0.0213	0.00109	
5	PCB-118	38.46	1.54	0.0672		0.0333	0.00495	
5	PCB-120			ND		0.0213	0.00081	
5	PCB-121			ND		0.0213	0.00113	
5	PCB-122			ND		0.0213	0.00117	
5	PCB-123			ND		0.0213	0.00127	
5	PCB-126			ND		0.0213	0.00068	
5	PCB-127			ND		0.0213	0.00108	
6	PCB-128/166			ND		0.0427	0.00231	
6	PCB-129/138/163	41.68	1.24	0.457		0.0640	0.00480	
6	PCB-130	41.01	1.24	0.0238		0.0213	0.00117	
6	PCB-131			ND		0.0213	0.00141	
6	PCB-132	38.56	1.23	0.0883		0.0213	0.00159	
6	PCB-133			ND		0.0213	0.00101	
6	PCB-134/143			ND		0.0427	0.00263	
6	PCB-135/151	36.29	1.23	0.184		0.0427	0.00287	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10704779004
Lab File ID: P240913A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 18:15
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 19:30
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.78	1.25	0.0447		0.0213	0.00146	
6	PCB-137			ND		0.0213	0.00156	
6	PCB-139/140			ND		0.0427	0.00201	
6	PCB-141	40.59	1.27	0.0667		0.0213	0.00189	
6	PCB-142			ND		0.0213	0.00131	
6	PCB-144			ND		0.0213	0.00086	
6	PCB-145			ND		0.0213	0.00097	
6	PCB-146	39.75	1.24	0.0963		0.0213	0.00121	
6	PCB-147/149	37.27	1.25	0.376		0.0427	0.00366	
6	PCB-148			ND		0.0213	0.00099	
6	PCB-150			ND		0.0213	0.00101	
6	PCB-152			ND		0.0213	0.00081	
6	PCB-153/168	40.38	1.22	0.457		0.0427	0.00287	
6	PCB-154			ND		0.0213	0.00126	
6	PCB-155			ND		0.0213	0.00111	
6	PCB-156/157			ND		0.0427	0.00158	
6	PCB-158	42.08	1.21	0.0260		0.0213	0.00117	
6	PCB-159			ND		0.0213	0.00106	
6	PCB-160			ND		0.0213	0.00121	
6	PCB-161			ND		0.0213	0.00059	
6	PCB-162			ND		0.0213	0.00107	
6	PCB-164	41.34	1.29	0.0282		0.0213	0.00132	
6	PCB-165			ND		0.0213	0.00069	
6	PCB-167			ND		0.0213	0.00154	
6	PCB-169			ND		0.0213	0.00095	
7	PCB-170	48.61	1.06	0.150		0.0213	0.00137	
7	PCB-171/173	45.02	1.07	0.0469		0.0427	0.00176	
7	PCB-172	46.66	1.05	0.0316		0.0213	0.00426	
7	PCB-174	43.91	1.03	0.164		0.0213	0.00154	
7	PCB-175			ND		0.0213	0.00101	
7	PCB-176			ND		0.0213	0.00084	
7	PCB-177	44.36	1.03	0.122		0.0213	0.00175	
7	PCB-178	42.11	1.03	0.0507		0.0213	0.00112	
7	PCB-179	39.33	1.04	0.0764		0.0213	0.00132	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10704779004
Lab File ID: P240913A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 18:15
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 19:30
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.33	1.03	0.330		0.0427	0.00388	
7	PCB-181			ND		0.0213	0.00141	
7	PCB-182			ND		0.0213	0.00116	
7	PCB-183/185	43.69	0.98	0.106		0.0427	0.00258	
7	PCB-184			ND		0.0213	0.00060	
7	PCB-186			ND		0.0213	0.00140	
7	PCB-187	43.05	1.04	0.246		0.0213	0.00158	
7	PCB-188			ND		0.0213	0.00067	
7	PCB-189			ND		0.0213	0.00107	
7	PCB-190	49.16	0.98	0.0365		0.0213	0.00148	
7	PCB-191			ND		0.0213	0.00137	
7	PCB-192			ND		0.0213	0.00138	
8	PCB-194	53.90	0.87	0.0829		0.0213	0.00110	
8	PCB-195	51.55	0.91	0.0391		0.0213	0.00141	
8	PCB-196	49.98	0.91	0.0389		0.0213	0.00105	
8	PCB-197/200			ND		0.0427	0.00178	
8	PCB-198/199	49.31	0.86	0.0881		0.0427	0.00185	
8	PCB-201			ND		0.0213	0.00054	
8	PCB-202			ND		0.0213	0.00114	
8	PCB-203	50.18	0.91	0.0573		0.0213	0.00095	
8	PCB-204			ND		0.0213	0.00110	
8	PCB-205			ND		0.0213	0.00132	
9	PCB-206			ND		0.0213	0.00189	
9	PCB-207			ND		0.0213	0.00127	
9	PCB-208			ND		0.0213	0.00113	
10	PCB-209			ND		0.0213	0.00668	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10704779004
Lab File ID: P240913A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/12/2024 18:15
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/13/2024 19:30
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913A02
CCal File(s): P240913A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0845	
Total TrCB	0.0557	
Total TeCB	0.304	
Total PeCB	0.603	
Total HxCB	1.85	
Total HpCB	1.36	
Total OcCB	0.306	
Total NoCB	ND	
DeCB	ND	
Total PCBs	4.56	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10704779005
Lab File ID: P240913B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 14:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 00:37
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114640

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.25	2.91	2.00	0.855	43	
1	PCB-003L	13.05	3.14	2.00	0.996	50	
2	PCB-004L	13.36	1.53	2.00	0.867	43	
2	PCB-015L	20.47	1.59	2.00	1.31	66	
3	PCB-019L	17.18	1.06	2.00	0.896	45	
3	PCB-037L	28.27	1.05	2.00	1.50	75	
4	PCB-054L	20.82	0.79	2.00	0.811	41	
4	PCB-077L	36.02	0.79	2.00	1.83	91	
4	PCB-081L	35.43	0.80	2.00	1.71	86	
5	PCB-104L	26.94	1.57	2.00	1.10	55	
5	PCB-105L	39.63	1.59	2.00	1.76	88	
5	PCB-114L	38.98	1.64	2.00	1.72	86	
5	PCB-118L	38.43	1.58	2.00	1.74	87	
5	PCB-123L	38.07	1.61	2.00	1.71	85	
5	PCB-126L	42.80	1.60	2.00	1.78	89	
6	PCB-155L	33.01	1.26	2.00	1.25	63	
6	PCB-156/157L	45.89	1.30	4.00	3.08	77	
6	PCB-167L	44.70	1.28	2.00	1.59	79	
6	PCB-169L	49.18	1.28	2.00	1.49	75	
7	PCB-188L	38.95	1.03	2.00	1.90	95	
7	PCB-189L	51.75	1.07	2.00	1.77	88	
8	PCB-202L	44.43	0.89	2.00	1.87	93	
8	PCB-205L	54.33	0.90	2.00	1.57	79	
9	PCB-206L	56.10	0.79	2.00	1.43	72	
9	PCB-208L	51.25	0.79	2.00	1.78	89	
10	PCB-209L	57.72	0.70	2.00	1.42	71	
Recovery Standards							
2	PCB-009L	15.82	1.58	2.00	2.36	N/A	
4	PCB-052L	25.91	0.78	2.00	2.59	N/A	
5	PCB-101L	33.23	1.60	2.00	2.41	N/A	
6	PCB-138L	41.61	1.29	2.00	2.60	N/A	
8	PCB-194L	53.86	0.93	2.00	2.06	N/A	
Cleanup Standards							
3	PCB-028L	23.89	1.08	2.00	1.42	71	
5	PCB-111L	36.03	1.56	2.00	1.60	80	
7	PCB-178L	42.07	1.05	2.00	1.54	77	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10704779005
Lab File ID: P240913B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 14:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 00:37
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0231	0.00410	
1	PCB-002			ND		0.0231	0.00417	
1	PCB-003			ND		0.0231	0.00776	
2	PCB-004	13.38	1.47	0.289		0.0231	0.00522	
2	PCB-005			ND		0.0231	0.00558	
2	PCB-006			ND		0.0231	0.00283	
2	PCB-007			ND		0.0231	0.00270	
2	PCB-008			ND		0.0231	0.00552	
2	PCB-009			ND		0.0231	0.00109	
2	PCB-010			ND		0.0231	0.00125	
2	PCB-011			ND		0.226	0.0602	
2	PCB-012/013			ND		0.0462	0.00303	
2	PCB-014			ND		0.0231	0.00106	
2	PCB-015			ND		0.0305	0.00596	
3	PCB-016			ND		0.0231	0.00336	
3	PCB-017	19.90	1.02	0.0359		0.0231	0.00374	
3	PCB-018/030			ND		0.0462	0.00612	
3	PCB-019	17.21	1.05	0.214		0.0231	0.00314	
3	PCB-020/028			ND		0.119	0.00694	
3	PCB-021/033			ND		0.125	0.00573	
3	PCB-022			ND		0.0878	0.00378	
3	PCB-023			ND		0.0231	0.00115	
3	PCB-024			ND		0.0231	0.00128	
3	PCB-025			ND		0.0231	0.00149	
3	PCB-026/029			ND		0.0462	0.00240	
3	PCB-027	20.15	1.03	0.0280		0.0231	0.00103	
3	PCB-031			ND		0.120	0.00839	
3	PCB-032	21.03	1.07	0.0232		0.0231	0.00281	
3	PCB-034			ND		0.0231	0.00112	
3	PCB-035			ND		0.0231	0.00114	
3	PCB-036			ND		0.0231	0.00108	
3	PCB-037			ND		0.0490	0.00279	
3	PCB-038			ND		0.0231	0.00113	
3	PCB-039			ND		0.0231	0.00145	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10704779005
Lab File ID: P240913B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 14:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 00:37
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0693	0.00475	
4	PCB-042			ND		0.0231	0.00252	
4	PCB-043/073			ND		0.0462	0.00227	
4	PCB-044/047/065	27.07	0.79	0.328		0.0693	0.00671	
4	PCB-045/051	24.11	0.77	0.102		0.0462	0.00346	
4	PCB-046			ND		0.0231	0.00156	
4	PCB-048			ND		0.0231	0.00184	
4	PCB-069/049	26.46	0.79	0.213		0.0462	0.00389	
4	PCB-050/053	23.26	0.78	0.155		0.0462	0.00199	
4	PCB-052	25.92	0.79	0.178		0.119	0.0140	
4	PCB-054	20.83	0.75	0.0592		0.0231	0.00106	
4	PCB-055			ND		0.0231	0.00157	
4	PCB-056			ND		0.0231	0.00353	
4	PCB-057			ND		0.0231	0.00106	
4	PCB-058			ND		0.0231	0.00135	
4	PCB-059/062/075			ND		0.0693	0.00238	
4	PCB-060			ND		0.0231	0.00194	
4	PCB-061/070/074/076			ND		0.0924	0.00834	
4	PCB-063			ND		0.0231	0.00090	
4	PCB-064			ND		0.0231	0.00227	
4	PCB-066			ND		0.0545	0.00434	
4	PCB-067			ND		0.0231	0.00127	
4	PCB-068			ND		0.0231	0.00115	
4	PCB-072			ND		0.0231	0.00081	
4	PCB-077			ND		0.0231	0.00140	
4	PCB-078			ND		0.0231	0.00118	
4	PCB-079			ND		0.0231	0.00081	
4	PCB-080			ND		0.0231	0.00114	
4	PCB-081			ND		0.0231	0.00077	
5	PCB-082			ND		0.0231	0.00140	
5	PCB-083			ND		0.0231	0.00120	
5	PCB-084	31.30	1.58	0.0338		0.0231	0.00241	
5	PCB-085/116/117			ND		0.0693	0.00320	
5	PCB-086/087/097/108/119/12			ND		0.139	0.00611	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10704779005
Lab File ID: P240913B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 14:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 00:37
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.06	1.53	0.0787		0.0462	0.00186	
5	PCB-089			ND		0.0231	0.00132	
5	PCB-090/101/113	33.26	1.58	0.295		0.0693	0.00472	
5	PCB-092	32.64	1.56	0.0895		0.0231	0.00100	
5	PCB-093/098/100/102			ND		0.0924	0.00426	
5	PCB-094			ND		0.0231	0.00086	
5	PCB-095	30.14	1.57	0.204		0.0647	0.00648	
5	PCB-096			ND		0.0231	0.00087	
5	PCB-099	33.88	1.61	0.142		0.0231	0.00194	
5	PCB-103			ND		0.0231	0.00071	
5	PCB-104			ND		0.0231	0.00133	
5	PCB-105	39.65	1.57	0.0348		0.0231	0.00297	
5	PCB-106			ND		0.0231	0.00117	
5	PCB-107/124			ND		0.0462	0.00208	
5	PCB-109			ND		0.0231	0.00147	
5	PCB-110/115	35.32	1.57	0.255	U	0.0462	0.00527	
5	PCB-111			ND		0.0231	0.00091	
5	PCB-112			ND		0.0231	0.00143	
5	PCB-114			ND		0.0231	0.00118	
5	PCB-118	38.44	1.57	0.118		0.0360	0.00536	
5	PCB-120			ND		0.0231	0.00088	
5	PCB-121			ND		0.0231	0.00122	
5	PCB-122			ND		0.0231	0.00127	
5	PCB-123			ND		0.0231	0.00137	
5	PCB-126			ND		0.0231	0.00073	
5	PCB-127			ND		0.0231	0.00117	
6	PCB-128/166	42.94	1.23	0.0507		0.0462	0.00249	
6	PCB-129/138/163	41.65	1.25	0.689		0.0693	0.00520	
6	PCB-130	40.98	1.21	0.0370		0.0231	0.00127	
6	PCB-131			ND		0.0231	0.00152	
6	PCB-132	38.54	1.23	0.162		0.0231	0.00172	
6	PCB-133			ND		0.0231	0.00109	
6	PCB-134/143			ND		0.0462	0.00284	
6	PCB-135/151	36.28	1.23	0.329		0.0462	0.00311	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10704779005
Lab File ID: P240913B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 14:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 00:37
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.77	1.22	0.0827		0.0231	0.00158	
6	PCB-137			ND		0.0231	0.00169	
6	PCB-139/140			ND		0.0462	0.00217	
6	PCB-141	40.56	1.21	0.130		0.0231	0.00204	
6	PCB-142			ND		0.0231	0.00142	
6	PCB-144	36.87	1.17	0.0289		0.0231	0.00093	
6	PCB-145			ND		0.0231	0.00106	
6	PCB-146	39.74	1.25	0.139		0.0231	0.00130	
6	PCB-147/149	37.24	1.25	0.631		0.0462	0.00396	
6	PCB-148			ND		0.0231	0.00108	
6	PCB-150			ND		0.0231	0.00109	
6	PCB-152			ND		0.0231	0.00087	
6	PCB-153/168	40.37	1.25	0.697		0.0462	0.00311	
6	PCB-154			ND		0.0231	0.00136	
6	PCB-155			ND		0.0231	0.00120	
6	PCB-156/157			ND		0.0462	0.00171	
6	PCB-158	42.05	1.21	0.0437		0.0231	0.00127	
6	PCB-159			ND		0.0231	0.00114	
6	PCB-160			ND		0.0231	0.00130	
6	PCB-161			ND		0.0231	0.00064	
6	PCB-162			ND		0.0231	0.00115	
6	PCB-164	41.31	1.23	0.0495		0.0231	0.00143	
6	PCB-165			ND		0.0231	0.00075	
6	PCB-167			ND		0.0231	0.00166	
6	PCB-169			ND		0.0231	0.00104	
7	PCB-170	48.59	1.01	0.223		0.0231	0.00148	
7	PCB-171/173	44.99	1.04	0.0676		0.0462	0.00191	
7	PCB-172	46.63	1.00	0.0484		0.0231	0.00461	
7	PCB-174	43.90	1.02	0.275		0.0231	0.00166	
7	PCB-175			ND		0.0231	0.00110	
7	PCB-176	40.22	1.00	0.0329		0.0231	0.00091	
7	PCB-177	44.35	1.02	0.168		0.0231	0.00189	
7	PCB-178	42.10	1.05	0.0731		0.0231	0.00121	
7	PCB-179	39.32	1.01	0.121		0.0231	0.00143	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10704779005
Lab File ID: P240913B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 14:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 00:37
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.30	1.03	0.519		0.0462	0.00420	
7	PCB-181			ND		0.0231	0.00152	
7	PCB-182			ND		0.0231	0.00126	
7	PCB-183/185	43.66	1.00	0.171		0.0462	0.00279	
7	PCB-184			ND		0.0231	0.00064	
7	PCB-186			ND		0.0231	0.00151	
7	PCB-187	43.02	1.04	0.365		0.0231	0.00171	
7	PCB-188			ND		0.0231	0.00073	
7	PCB-189			ND		0.0231	0.00115	
7	PCB-190	49.13	1.07	0.0514		0.0231	0.00161	
7	PCB-191			ND		0.0231	0.00148	
7	PCB-192			ND		0.0231	0.00149	
8	PCB-194	53.88	0.89	0.116		0.0231	0.00119	
8	PCB-195	51.53	0.86	0.0537		0.0231	0.00152	
8	PCB-196	49.97	0.87	0.0647		0.0231	0.00114	
8	PCB-197/200			ND		0.0462	0.00193	
8	PCB-198/199	49.30	0.86	0.140		0.0462	0.00200	
8	PCB-201			ND		0.0231	0.00059	
8	PCB-202	44.47	0.89	0.0256		0.0231	0.00124	
8	PCB-203	50.17	0.92	0.0810		0.0231	0.00104	
8	PCB-204			ND		0.0231	0.00119	
8	PCB-205			ND		0.0231	0.00143	
9	PCB-206	56.12	0.74	0.0307		0.0231	0.00204	
9	PCB-207			ND		0.0231	0.00137	
9	PCB-208			ND		0.0231	0.00122	
10	PCB-209			ND		0.0231	0.00723	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10704779005
Lab File ID: P240913B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 14:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 00:37
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.289	
Total TrCB	0.302	
Total TeCB	1.04	
Total PeCB	1.25	
Total HxCB	3.07	
Total HpCB	2.12	
Total OcCB	0.482	
Total NoCB	0.0307	
DeCB	ND	
Total PCBs	8.57	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10704779006
Lab File ID: P240913B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 16:15
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 01:39
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114640

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1900mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.28	2.98	2.00	0.771	39	
1	PCB-003L	13.08	3.15	2.00	0.853	43	
2	PCB-004L	13.39	1.52	2.00	0.757	38	
2	PCB-015L	20.48	1.56	2.00	1.05	52	
3	PCB-019L	17.21	1.04	2.00	0.751	38	
3	PCB-037L	28.27	1.06	2.00	1.29	64	
4	PCB-054L	20.82	0.80	2.00	0.688	34	
4	PCB-077L	36.02	0.79	2.00	1.64	82	
4	PCB-081L	35.43	0.80	2.00	1.52	76	
5	PCB-104L	26.94	1.57	2.00	0.800	40	
5	PCB-105L	39.63	1.58	2.00	1.60	80	
5	PCB-114L	38.98	1.61	2.00	1.53	76	
5	PCB-118L	38.43	1.61	2.00	1.54	77	
5	PCB-123L	38.09	1.60	2.00	1.52	76	
5	PCB-126L	42.82	1.59	2.00	1.64	82	
6	PCB-155L	33.01	1.27	2.00	0.962	48	
6	PCB-156/157L	45.89	1.31	4.00	2.90	73	
6	PCB-167L	44.70	1.28	2.00	1.46	73	
6	PCB-169L	49.18	1.33	2.00	1.39	69	
7	PCB-188L	38.95	1.03	2.00	1.63	81	
7	PCB-189L	51.75	1.09	2.00	1.61	81	
8	PCB-202L	44.45	0.90	2.00	1.70	85	
8	PCB-205L	54.36	0.90	2.00	1.47	73	
9	PCB-206L	56.10	0.79	2.00	1.35	68	
9	PCB-208L	51.25	0.82	2.00	1.63	81	
10	PCB-209L	57.74	0.70	2.00	1.36	68	
Recovery Standards							
2	PCB-009L	15.85	1.59	2.00	2.41	N/A	
4	PCB-052L	25.91	0.78	2.00	2.56	N/A	
5	PCB-101L	33.23	1.60	2.00	2.43	N/A	
6	PCB-138L	41.63	1.26	2.00	2.60	N/A	
8	PCB-194L	53.86	0.89	2.00	2.10	N/A	
Cleanup Standards							
3	PCB-028L	23.91	1.07	2.00	1.42	71	
5	PCB-111L	36.05	1.61	2.00	1.55	77	
7	PCB-178L	42.08	1.06	2.00	1.54	77	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10704779006
Lab File ID: P240913B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 16:15
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 01:39
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1900mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0210	0.00373	
1	PCB-002			ND		0.0210	0.00380	
1	PCB-003			ND		0.0210	0.00707	
2	PCB-004	13.40	1.49	0.478		0.0210	0.00475	
2	PCB-005			ND		0.0210	0.00508	
2	PCB-006			ND		0.0210	0.00258	
2	PCB-007			ND		0.0210	0.00246	
2	PCB-008	16.87	1.42	0.0255	U	0.0210	0.00503	
2	PCB-009			ND		0.0210	0.00099	
2	PCB-010			ND		0.0210	0.00114	
2	PCB-011			ND		0.206	0.0548	
2	PCB-012/013			ND		0.0421	0.00276	
2	PCB-014			ND		0.0210	0.00096	
2	PCB-015	20.50	1.68	0.0377		0.0278	0.00543	
3	PCB-016			ND		0.0210	0.00306	
3	PCB-017	19.91	1.04	0.0769		0.0210	0.00341	
3	PCB-018/030	19.43	1.04	0.0635		0.0421	0.00557	
3	PCB-019	17.23	1.05	0.445		0.0210	0.00286	
3	PCB-020/028			ND		0.109	0.00632	
3	PCB-021/033			ND		0.114	0.00522	
3	PCB-022			ND		0.0799	0.00344	
3	PCB-023			ND		0.0210	0.00104	
3	PCB-024			ND		0.0210	0.00117	
3	PCB-025	23.26	1.04	0.0313		0.0210	0.00136	
3	PCB-026/029			ND		0.0421	0.00219	
3	PCB-027	20.16	1.02	0.0592		0.0210	0.00093	
3	PCB-031			ND		0.109	0.00764	
3	PCB-032	21.05	1.07	0.0688		0.0210	0.00256	
3	PCB-034			ND		0.0210	0.00102	
3	PCB-035			ND		0.0210	0.00104	
3	PCB-036			ND		0.0210	0.00098	
3	PCB-037			ND		0.0446	0.00254	
3	PCB-038			ND		0.0210	0.00103	
3	PCB-039			ND		0.0210	0.00132	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10704779006
Lab File ID: P240913B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 16:15
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 01:39
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1900mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.12	0.76	0.103		0.0631	0.00432	
4	PCB-042	27.59	0.75	0.0408		0.0210	0.00229	
4	PCB-043/073			ND		0.0421	0.00207	
4	PCB-044/047/065	27.07	0.78	0.644		0.0631	0.00611	
4	PCB-045/051	24.11	0.78	0.275		0.0421	0.00315	
4	PCB-046	24.36	0.80	0.0271		0.0210	0.00142	
4	PCB-048			ND		0.0210	0.00167	
4	PCB-069/049	26.46	0.77	0.407		0.0421	0.00354	
4	PCB-050/053	23.28	0.77	0.337		0.0421	0.00181	
4	PCB-052	25.94	0.77	0.316		0.109	0.0127	
4	PCB-054	20.85	0.76	0.146		0.0210	0.00096	
4	PCB-055			ND		0.0210	0.00143	
4	PCB-056			ND		0.0210	0.00322	
4	PCB-057			ND		0.0210	0.00096	
4	PCB-058			ND		0.0210	0.00123	
4	PCB-059/062/075			ND		0.0631	0.00217	
4	PCB-060			ND		0.0210	0.00177	
4	PCB-061/070/074/076			ND		0.0841	0.00759	
4	PCB-063			ND		0.0210	0.00082	
4	PCB-064			ND		0.0210	0.00207	
4	PCB-066	31.44	0.82	0.0658		0.0496	0.00395	
4	PCB-067			ND		0.0210	0.00116	
4	PCB-068			ND		0.0210	0.00105	
4	PCB-072			ND		0.0210	0.00074	
4	PCB-077			ND		0.0210	0.00127	
4	PCB-078			ND		0.0210	0.00107	
4	PCB-079			ND		0.0210	0.00074	
4	PCB-080			ND		0.0210	0.00104	
4	PCB-081			ND		0.0210	0.00070	
5	PCB-082			ND		0.0210	0.00127	
5	PCB-083			ND		0.0210	0.00109	
5	PCB-084	31.30	1.57	0.0477		0.0210	0.00220	
5	PCB-085/116/117			ND		0.0631	0.00291	
5	PCB-086/087/097/108/119/12	34.44	1.56	0.144		0.126	0.00556	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10704779006
Lab File ID: P240913B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 16:15
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 01:39
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1900mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.08	1.50	0.129		0.0421	0.00169	
5	PCB-089			ND		0.0210	0.00120	
5	PCB-090/101/113	33.26	1.54	0.405		0.0631	0.00430	
5	PCB-092	32.64	1.58	0.130		0.0210	0.00091	
5	PCB-093/098/100/102	30.41	1.56	0.0863		0.0841	0.00388	
5	PCB-094	29.67	1.55	0.0237		0.0210	0.00078	
5	PCB-095	30.15	1.57	0.310		0.0589	0.00590	
5	PCB-096			ND		0.0210	0.00079	
5	PCB-099	33.88	1.55	0.189		0.0210	0.00177	
5	PCB-103	29.46	1.52	0.0347		0.0210	0.00065	
5	PCB-104			ND		0.0210	0.00121	
5	PCB-105	39.65	1.69	0.0299		0.0210	0.00270	
5	PCB-106			ND		0.0210	0.00106	
5	PCB-107/124			ND		0.0421	0.00189	
5	PCB-109			ND		0.0210	0.00134	
5	PCB-110/115	35.32	1.58	0.316	U	0.0421	0.00480	
5	PCB-111			ND		0.0210	0.00083	
5	PCB-112			ND		0.0210	0.00130	
5	PCB-114			ND		0.0210	0.00107	
5	PCB-118	38.44	1.58	0.124		0.0328	0.00488	
5	PCB-120			ND		0.0210	0.00080	
5	PCB-121			ND		0.0210	0.00111	
5	PCB-122			ND		0.0210	0.00116	
5	PCB-123			ND		0.0210	0.00125	
5	PCB-126			ND		0.0210	0.00067	
5	PCB-127			ND		0.0210	0.00106	
6	PCB-128/166	42.94	1.22	0.0469		0.0421	0.00227	
6	PCB-129/138/163	41.66	1.25	0.742		0.0631	0.00473	
6	PCB-130	40.98	1.21	0.0393		0.0210	0.00116	
6	PCB-131			ND		0.0210	0.00139	
6	PCB-132	38.54	1.21	0.178		0.0210	0.00157	
6	PCB-133			ND		0.0210	0.00099	
6	PCB-134/143			ND		0.0421	0.00259	
6	PCB-135/151	36.28	1.23	0.391		0.0421	0.00283	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10704779006
Lab File ID: P240913B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 16:15
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 01:39
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1900mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.77	1.21	0.106		0.0210	0.00144	
6	PCB-137			ND		0.0210	0.00154	
6	PCB-139/140			ND		0.0421	0.00198	
6	PCB-141	40.57	1.23	0.140		0.0210	0.00186	
6	PCB-142			ND		0.0210	0.00129	
6	PCB-144	36.88	1.22	0.0324		0.0210	0.00084	
6	PCB-145			ND		0.0210	0.00096	
6	PCB-146	39.74	1.24	0.156		0.0210	0.00119	
6	PCB-147/149	37.25	1.27	0.730		0.0421	0.00361	
6	PCB-148			ND		0.0210	0.00098	
6	PCB-150			ND		0.0210	0.00099	
6	PCB-152			ND		0.0210	0.00080	
6	PCB-153/168	40.37	1.27	0.763		0.0421	0.00283	
6	PCB-154	36.56	1.26	0.0228		0.0210	0.00124	
6	PCB-155			ND		0.0210	0.00109	
6	PCB-156/157			ND		0.0421	0.00156	
6	PCB-158	42.07	1.19	0.0464		0.0210	0.00116	
6	PCB-159			ND		0.0210	0.00104	
6	PCB-160			ND		0.0210	0.00119	
6	PCB-161			ND		0.0210	0.00058	
6	PCB-162			ND		0.0210	0.00105	
6	PCB-164	41.33	1.24	0.0539		0.0210	0.00130	
6	PCB-165			ND		0.0210	0.00068	
6	PCB-167			ND		0.0210	0.00151	
6	PCB-169			ND		0.0210	0.00094	
7	PCB-170	48.59	1.04	0.213		0.0210	0.00135	
7	PCB-171/173	45.01	1.06	0.0701		0.0421	0.00174	
7	PCB-172	46.65	1.03	0.0470		0.0210	0.00420	
7	PCB-174	43.90	1.05	0.272		0.0210	0.00151	
7	PCB-175			ND		0.0210	0.00099	
7	PCB-176	40.24	1.05	0.0323		0.0210	0.00083	
7	PCB-177	44.35	1.03	0.166		0.0210	0.00172	
7	PCB-178	42.10	1.05	0.0760		0.0210	0.00110	
7	PCB-179	39.32	1.06	0.125		0.0210	0.00130	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10704779006
Lab File ID: P240913B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 16:15
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 01:39
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1900mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.32	1.03	0.502		0.0421	0.00383	
7	PCB-181			ND		0.0210	0.00139	
7	PCB-182			ND		0.0210	0.00115	
7	PCB-183/185	43.68	1.03	0.170		0.0421	0.00254	
7	PCB-184			ND		0.0210	0.00059	
7	PCB-186			ND		0.0210	0.00138	
7	PCB-187	43.04	1.01	0.360		0.0210	0.00156	
7	PCB-188			ND		0.0210	0.00066	
7	PCB-189			ND		0.0210	0.00105	
7	PCB-190	49.15	1.03	0.0494		0.0210	0.00146	
7	PCB-191			ND		0.0210	0.00135	
7	PCB-192			ND		0.0210	0.00136	
8	PCB-194	53.88	0.91	0.0976		0.0210	0.00108	
8	PCB-195	51.53	0.87	0.0470		0.0210	0.00139	
8	PCB-196	49.97	0.90	0.0550		0.0210	0.00104	
8	PCB-197/200			ND		0.0421	0.00176	
8	PCB-198/199	49.30	0.90	0.117		0.0421	0.00182	
8	PCB-201			ND		0.0210	0.00053	
8	PCB-202	44.47	0.83	0.0231		0.0210	0.00113	
8	PCB-203	50.17	0.88	0.0693		0.0210	0.00094	
8	PCB-204			ND		0.0210	0.00108	
8	PCB-205			ND		0.0210	0.00130	
9	PCB-206	56.12	0.77	0.0239		0.0210	0.00186	
9	PCB-207			ND		0.0210	0.00125	
9	PCB-208			ND		0.0210	0.00111	
10	PCB-209			ND		0.0210	0.00658	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10704779006
Lab File ID: P240913B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 16:15
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 01:39
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1900mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.541	B
Total TrCB	0.745	
Total TeCB	2.36	
Total PeCB	1.97	
Total HxCB	3.45	
Total HpCB	2.08	
Total OcCB	0.409	
Total NoCB	0.0239	
DeCB	ND	
Total PCBs	11.6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10704779007
Lab File ID: P240913B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 12:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 02:40
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114640

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.27	2.91	2.00	0.666	33	
1	PCB-003L	13.07	3.15	2.00	0.757	38	
2	PCB-004L	13.38	1.52	2.00	0.669	33	
2	PCB-015L	20.49	1.60	2.00	0.943	47	
3	PCB-019L	17.21	1.05	2.00	0.673	34	
3	PCB-037L	28.29	1.06	2.00	1.19	60	
4	PCB-054L	20.83	0.79	2.00	0.619	31	
4	PCB-077L	36.03	0.80	2.00	1.55	78	
4	PCB-081L	35.44	0.80	2.00	1.48	74	
5	PCB-104L	26.96	1.55	2.00	0.714	36	
5	PCB-105L	39.65	1.61	2.00	1.53	77	
5	PCB-114L	39.00	1.59	2.00	1.48	74	
5	PCB-118L	38.44	1.60	2.00	1.51	75	
5	PCB-123L	38.09	1.60	2.00	1.48	74	
5	PCB-126L	42.82	1.60	2.00	1.54	77	
6	PCB-155L	33.03	1.26	2.00	0.914	46	
6	PCB-156/157L	45.91	1.29	4.00	2.77	69	
6	PCB-167L	44.72	1.29	2.00	1.40	70	
6	PCB-169L	49.20	1.27	2.00	1.33	67	
7	PCB-188L	38.96	1.04	2.00	1.57	79	
7	PCB-189L	51.77	1.07	2.00	1.53	76	
8	PCB-202L	44.47	0.89	2.00	1.59	80	
8	PCB-205L	54.36	0.91	2.00	1.38	69	
9	PCB-206L	56.12	0.80	2.00	1.27	64	
9	PCB-208L	51.27	0.79	2.00	1.53	76	
10	PCB-209L	57.74	0.71	2.00	1.26	63	
Recovery Standards							
2	PCB-009L	15.85	1.58	2.00	2.56	N/A	
4	PCB-052L	25.92	0.78	2.00	2.71	N/A	
5	PCB-101L	33.25	1.60	2.00	2.59	N/A	
6	PCB-138L	41.63	1.26	2.00	2.74	N/A	
8	PCB-194L	53.88	0.90	2.00	2.24	N/A	
Cleanup Standards							
3	PCB-028L	23.93	1.05	2.00	1.33	66	
5	PCB-111L	36.06	1.56	2.00	1.46	73	
7	PCB-178L	42.08	1.06	2.00	1.46	73	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10704779007
Lab File ID: P240913B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 12:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 02:40
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0222	0.00395	
1	PCB-002			ND		0.0222	0.00402	
1	PCB-003			ND		0.0222	0.00748	
2	PCB-004	13.40	1.53	0.626		0.0222	0.00503	
2	PCB-005			ND		0.0222	0.00537	
2	PCB-006			ND		0.0222	0.00273	
2	PCB-007			ND		0.0222	0.00260	
2	PCB-008	16.87	1.44	0.0293	U	0.0222	0.00532	
2	PCB-009			ND		0.0222	0.00105	
2	PCB-010	13.63	1.38	0.0251		0.0222	0.00120	
2	PCB-011			ND		0.218	0.0580	
2	PCB-012/013			ND		0.0445	0.00291	
2	PCB-014			ND		0.0222	0.00102	
2	PCB-015	20.51	1.59	0.0461		0.0294	0.00574	
3	PCB-016			ND		0.0222	0.00324	
3	PCB-017	19.93	1.06	0.0955		0.0222	0.00360	
3	PCB-018/030	19.43	1.03	0.0771		0.0445	0.00590	
3	PCB-019	17.23	1.05	0.568		0.0222	0.00303	
3	PCB-020/028			ND		0.115	0.00669	
3	PCB-021/033			ND		0.120	0.00552	
3	PCB-022			ND		0.0845	0.00364	
3	PCB-023			ND		0.0222	0.00110	
3	PCB-024			ND		0.0222	0.00123	
3	PCB-025	23.28	1.04	0.0387		0.0222	0.00143	
3	PCB-026/029	23.00	1.04	0.0471		0.0445	0.00231	
3	PCB-027	20.16	1.05	0.0701		0.0222	0.00099	
3	PCB-031			ND		0.116	0.00809	
3	PCB-032	21.06	1.07	0.0875		0.0222	0.00270	
3	PCB-034			ND		0.0222	0.00108	
3	PCB-035			ND		0.0222	0.00110	
3	PCB-036			ND		0.0222	0.00104	
3	PCB-037			ND		0.0472	0.00269	
3	PCB-038			ND		0.0222	0.00109	
3	PCB-039			ND		0.0222	0.00140	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10704779007
Lab File ID: P240913B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 12:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 02:40
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.13	0.77	0.129		0.0667	0.00457	
4	PCB-042	27.59	0.77	0.0497		0.0222	0.00242	
4	PCB-043/073			ND		0.0445	0.00219	
4	PCB-044/047/065	27.08	0.77	0.832		0.0667	0.00646	
4	PCB-045/051	24.13	0.79	0.359		0.0445	0.00334	
4	PCB-046	24.37	0.74	0.0324		0.0222	0.00150	
4	PCB-048			ND		0.0222	0.00177	
4	PCB-069/049	26.48	0.77	0.515		0.0445	0.00375	
4	PCB-050/053	23.28	0.79	0.419		0.0445	0.00191	
4	PCB-052	25.94	0.77	0.382		0.115	0.0135	
4	PCB-054	20.85	0.77	0.194		0.0222	0.00102	
4	PCB-055			ND		0.0222	0.00151	
4	PCB-056			ND		0.0222	0.00340	
4	PCB-057			ND		0.0222	0.00102	
4	PCB-058			ND		0.0222	0.00130	
4	PCB-059/062/075			ND		0.0667	0.00229	
4	PCB-060			ND		0.0222	0.00187	
4	PCB-061/070/074/076			ND		0.0890	0.00803	
4	PCB-063			ND		0.0222	0.00087	
4	PCB-064	28.37	0.79	0.0243		0.0222	0.00219	
4	PCB-066	31.45	0.79	0.0818		0.0525	0.00418	
4	PCB-067			ND		0.0222	0.00122	
4	PCB-068			ND		0.0222	0.00111	
4	PCB-072			ND		0.0222	0.00078	
4	PCB-077			ND		0.0222	0.00135	
4	PCB-078			ND		0.0222	0.00113	
4	PCB-079			ND		0.0222	0.00078	
4	PCB-080			ND		0.0222	0.00110	
4	PCB-081			ND		0.0222	0.00074	
5	PCB-082			ND		0.0222	0.00135	
5	PCB-083			ND		0.0222	0.00116	
5	PCB-084	31.31	1.60	0.0549		0.0222	0.00232	
5	PCB-085/116/117			ND		0.0667	0.00308	
5	PCB-086/087/097/108/119/12	34.44	1.52	0.183		0.133	0.00588	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10704779007
Lab File ID: P240913B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 12:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 02:40
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.08	1.56	0.170		0.0445	0.00179	
5	PCB-089			ND		0.0222	0.00127	
5	PCB-090/101/113	33.28	1.57	0.527		0.0667	0.00455	
5	PCB-092	32.66	1.56	0.174		0.0222	0.00096	
5	PCB-093/098/100/102	30.43	1.57	0.118		0.0890	0.00410	
5	PCB-094	29.69	1.53	0.0326		0.0222	0.00082	
5	PCB-095	30.15	1.56	0.388		0.0623	0.00624	
5	PCB-096			ND		0.0222	0.00084	
5	PCB-099	33.90	1.56	0.254		0.0222	0.00187	
5	PCB-103	29.47	1.56	0.0472		0.0222	0.00068	
5	PCB-104			ND		0.0222	0.00128	
5	PCB-105	39.68	1.60	0.0395		0.0222	0.00286	
5	PCB-106			ND		0.0222	0.00112	
5	PCB-107/124			ND		0.0445	0.00200	
5	PCB-109	37.99	1.61	0.0237		0.0222	0.00141	
5	PCB-110/115	35.33	1.55	0.407		0.0445	0.00507	
5	PCB-111			ND		0.0222	0.00087	
5	PCB-112			ND		0.0222	0.00138	
5	PCB-114			ND		0.0222	0.00113	
5	PCB-118	38.46	1.62	0.150		0.0347	0.00516	
5	PCB-120			ND		0.0222	0.00085	
5	PCB-121			ND		0.0222	0.00118	
5	PCB-122			ND		0.0222	0.00122	
5	PCB-123			ND		0.0222	0.00132	
5	PCB-126			ND		0.0222	0.00071	
5	PCB-127			ND		0.0222	0.00112	
6	PCB-128/166	42.95	1.22	0.0689		0.0445	0.00240	
6	PCB-129/138/163	41.66	1.26	1.12		0.0667	0.00501	
6	PCB-130	40.99	1.20	0.0573		0.0222	0.00122	
6	PCB-131			ND		0.0222	0.00147	
6	PCB-132	38.56	1.24	0.271		0.0222	0.00166	
6	PCB-133	39.08	1.14	0.0308		0.0222	0.00105	
6	PCB-134/143	37.47	1.20	0.0458		0.0445	0.00274	
6	PCB-135/151	36.29	1.22	0.585		0.0445	0.00299	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10704779007
Lab File ID: P240913B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 12:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 02:40
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.79	1.22	0.155		0.0222	0.00152	
6	PCB-137			ND		0.0222	0.00162	
6	PCB-139/140			ND		0.0445	0.00209	
6	PCB-141	40.57	1.23	0.206		0.0222	0.00197	
6	PCB-142			ND		0.0222	0.00137	
6	PCB-144	36.90	1.26	0.0484		0.0222	0.00089	
6	PCB-145			ND		0.0222	0.00102	
6	PCB-146	39.75	1.28	0.231		0.0222	0.00126	
6	PCB-147/149	37.27	1.25	1.12		0.0445	0.00382	
6	PCB-148			ND		0.0222	0.00104	
6	PCB-150			ND		0.0222	0.00105	
6	PCB-152			ND		0.0222	0.00084	
6	PCB-153/168	40.39	1.25	1.17		0.0445	0.00299	
6	PCB-154	36.57	1.22	0.0358		0.0222	0.00131	
6	PCB-155			ND		0.0222	0.00116	
6	PCB-156/157	45.91	1.28	0.0448		0.0445	0.00165	
6	PCB-158	42.08	1.22	0.0683		0.0222	0.00122	
6	PCB-159			ND		0.0222	0.00110	
6	PCB-160			ND		0.0222	0.00126	
6	PCB-161			ND		0.0222	0.00062	
6	PCB-162			ND		0.0222	0.00111	
6	PCB-164	41.34	1.29	0.0811		0.0222	0.00138	
6	PCB-165			ND		0.0222	0.00072	
6	PCB-167	44.75	1.31	0.0295		0.0222	0.00160	
6	PCB-169			ND		0.0222	0.00099	
7	PCB-170	48.61	1.02	0.340		0.0222	0.00142	
7	PCB-171/173	45.02	1.06	0.108		0.0445	0.00184	
7	PCB-172	46.66	1.07	0.0720		0.0222	0.00444	
7	PCB-174	43.91	1.04	0.418		0.0222	0.00160	
7	PCB-175			ND		0.0222	0.00106	
7	PCB-176	40.24	1.08	0.0519		0.0222	0.00088	
7	PCB-177	44.37	1.02	0.266		0.0222	0.00182	
7	PCB-178	42.12	1.05	0.115		0.0222	0.00117	
7	PCB-179	39.33	1.02	0.200		0.0222	0.00138	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10704779007
Lab File ID: P240913B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 12:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 02:40
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.32	1.05	0.791		0.0445	0.00405	
7	PCB-181			ND		0.0222	0.00147	
7	PCB-182			ND		0.0222	0.00121	
7	PCB-183/185	43.70	1.01	0.260		0.0445	0.00269	
7	PCB-184			ND		0.0222	0.00062	
7	PCB-186			ND		0.0222	0.00146	
7	PCB-187	43.05	1.04	0.556		0.0222	0.00165	
7	PCB-188			ND		0.0222	0.00070	
7	PCB-189			ND		0.0222	0.00111	
7	PCB-190	49.15	1.03	0.0774		0.0222	0.00155	
7	PCB-191			ND		0.0222	0.00142	
7	PCB-192			ND		0.0222	0.00143	
8	PCB-194	53.90	0.90	0.163		0.0222	0.00115	
8	PCB-195	51.55	0.92	0.0779		0.0222	0.00147	
8	PCB-196	49.98	0.89	0.0903		0.0222	0.00110	
8	PCB-197/200			ND		0.0445	0.00186	
8	PCB-198/199	49.31	0.89	0.196		0.0445	0.00192	
8	PCB-201	45.44	0.87	0.0234		0.0222	0.00056	
8	PCB-202	44.48	0.87	0.0376		0.0222	0.00119	
8	PCB-203	50.19	0.91	0.114		0.0222	0.00100	
8	PCB-204			ND		0.0222	0.00115	
8	PCB-205			ND		0.0222	0.00138	
9	PCB-206	56.14	0.78	0.0435		0.0222	0.00197	
9	PCB-207			ND		0.0222	0.00132	
9	PCB-208			ND		0.0222	0.00118	
10	PCB-209			ND		0.0222	0.00696	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10704779007
Lab File ID: P240913B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 12:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 02:40
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.726	B
Total TrCB	0.984	
Total TeCB	3.02	
Total PeCB	2.57	
Total HxCB	5.37	
Total HpCB	3.25	
Total OcCB	0.703	
Total NoCB	0.0435	
DeCB	ND	
Total PCBs	16.7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10704779008
Lab File ID: P240913B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 17:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 03:42
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114640

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2040mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.28	3.06	2.00	0.648	32	
1	PCB-003L	13.08	3.16	2.00	0.712	36	
2	PCB-004L	13.38	1.55	2.00	0.647	32	
2	PCB-015L	20.48	1.63	2.00	0.843	42	
3	PCB-019L	17.21	1.06	2.00	0.624	31	
3	PCB-037L	28.29	1.07	2.00	1.22	61	
4	PCB-054L	20.82	0.79	2.00	0.571	29	
4	PCB-077L	36.02	0.80	2.00	1.65	83	
4	PCB-081L	35.44	0.80	2.00	1.59	79	
5	PCB-104L	26.94	1.56	2.00	0.662	33	
5	PCB-105L	39.63	1.59	2.00	1.59	79	
5	PCB-114L	38.98	1.60	2.00	1.56	78	
5	PCB-118L	38.43	1.59	2.00	1.54	77	
5	PCB-123L	38.09	1.57	2.00	1.51	76	
5	PCB-126L	42.82	1.56	2.00	1.59	79	
6	PCB-155L	33.01	1.26	2.00	0.916	46	
6	PCB-156/157L	45.89	1.28	4.00	2.92	73	
6	PCB-167L	44.72	1.30	2.00	1.51	75	
6	PCB-169L	49.20	1.30	2.00	1.40	70	
7	PCB-188L	38.96	1.05	2.00	1.74	87	
7	PCB-189L	51.77	1.09	2.00	1.68	84	
8	PCB-202L	44.45	0.89	2.00	1.78	89	
8	PCB-205L	54.36	0.89	2.00	1.55	78	
9	PCB-206L	56.10	0.79	2.00	1.40	70	
9	PCB-208L	51.25	0.79	2.00	1.70	85	
10	PCB-209L	57.74	0.72	2.00	1.41	70	
Recovery Standards							
2	PCB-009L	15.85	1.59	2.00	2.21	N/A	
4	PCB-052L	25.91	0.77	2.00	2.35	N/A	
5	PCB-101L	33.25	1.60	2.00	2.34	N/A	
6	PCB-138L	41.63	1.27	2.00	2.44	N/A	
8	PCB-194L	53.88	0.90	2.00	1.91	N/A	
Cleanup Standards							
3	PCB-028L	23.91	1.06	2.00	1.38	69	
5	PCB-111L	36.05	1.56	2.00	1.59	79	
7	PCB-178L	42.08	1.07	2.00	1.64	82	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10704779008
Lab File ID: P240913B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 17:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 03:42
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2040mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.30	3.10	0.0250		0.0196	0.00348	
1	PCB-002			ND		0.0196	0.00353	
1	PCB-003			ND		0.0196	0.00658	
2	PCB-004	13.40	1.52	0.678		0.0196	0.00442	
2	PCB-005			ND		0.0196	0.00473	
2	PCB-006	16.34	1.42	0.0217		0.0196	0.00240	
2	PCB-007			ND		0.0196	0.00229	
2	PCB-008	16.87	1.59	0.0432	U	0.0196	0.00468	
2	PCB-009			ND		0.0196	0.00092	
2	PCB-010	13.63	1.70	0.0274		0.0196	0.00106	
2	PCB-011			ND		0.192	0.0510	
2	PCB-012/013			ND		0.0392	0.00256	
2	PCB-014			ND		0.0196	0.00089	
2	PCB-015	20.50	1.56	0.0769		0.0258	0.00505	
3	PCB-016	20.43	1.04	0.0231		0.0196	0.00285	
3	PCB-017	19.91	1.01	0.117		0.0196	0.00317	
3	PCB-018/030	19.43	1.07	0.0974		0.0392	0.00519	
3	PCB-019	17.23	1.06	0.679		0.0196	0.00266	
3	PCB-020/028	23.94	1.08	0.121		0.101	0.00588	
3	PCB-021/033			ND		0.106	0.00486	
3	PCB-022			ND		0.0744	0.00320	
3	PCB-023			ND		0.0196	0.00097	
3	PCB-024			ND		0.0196	0.00109	
3	PCB-025	23.26	1.07	0.0520		0.0196	0.00126	
3	PCB-026/029	22.98	1.12	0.0634		0.0392	0.00204	
3	PCB-027	20.16	1.06	0.0876		0.0196	0.00087	
3	PCB-031			ND		0.102	0.00712	
3	PCB-032	21.05	1.06	0.104		0.0196	0.00238	
3	PCB-034			ND		0.0196	0.00095	
3	PCB-035			ND		0.0196	0.00096	
3	PCB-036			ND		0.0196	0.00091	
3	PCB-037			ND		0.0415	0.00237	
3	PCB-038			ND		0.0196	0.00096	
3	PCB-039			ND		0.0196	0.00123	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10704779008
Lab File ID: P240913B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 17:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 03:42
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2040mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.12	0.78	0.173		0.0587	0.00402	
4	PCB-042	27.59	0.78	0.0686		0.0196	0.00213	
4	PCB-043/073			ND		0.0392	0.00193	
4	PCB-044/047/065	27.08	0.79	1.11		0.0587	0.00569	
4	PCB-045/051	24.11	0.78	0.435		0.0392	0.00294	
4	PCB-046	24.36	0.79	0.0385		0.0196	0.00132	
4	PCB-048			ND		0.0196	0.00156	
4	PCB-069/049	26.46	0.77	0.659		0.0392	0.00330	
4	PCB-050/053	23.28	0.77	0.502		0.0392	0.00168	
4	PCB-052	25.94	0.78	0.494		0.101	0.0118	
4	PCB-054	20.85	0.78	0.249		0.0196	0.00089	
4	PCB-055			ND		0.0196	0.00133	
4	PCB-056			ND		0.0196	0.00300	
4	PCB-057			ND		0.0196	0.00089	
4	PCB-058			ND		0.0196	0.00115	
4	PCB-059/062/075			ND		0.0587	0.00202	
4	PCB-060			ND		0.0196	0.00164	
4	PCB-061/070/074/076	31.08	0.79	0.128		0.0783	0.00707	
4	PCB-063			ND		0.0196	0.00076	
4	PCB-064	28.37	0.75	0.0343		0.0196	0.00193	
4	PCB-066	31.44	0.77	0.123		0.0462	0.00368	
4	PCB-067			ND		0.0196	0.00108	
4	PCB-068	29.58	0.82	0.0211		0.0196	0.00097	
4	PCB-072			ND		0.0196	0.00069	
4	PCB-077			ND		0.0196	0.00118	
4	PCB-078			ND		0.0196	0.00099	
4	PCB-079			ND		0.0196	0.00069	
4	PCB-080			ND		0.0196	0.00096	
4	PCB-081			ND		0.0196	0.00065	
5	PCB-082	35.66	1.52	0.0236		0.0196	0.00118	
5	PCB-083	33.76	1.50	0.0270		0.0196	0.00102	
5	PCB-084	31.30	1.46	0.0765		0.0196	0.00205	
5	PCB-085/116/117	35.13	1.62	0.0815		0.0587	0.00271	
5	PCB-086/087/097/108/119/12	34.44	1.57	0.271		0.117	0.00518	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10704779008
Lab File ID: P240913B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 17:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 03:42
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2040mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.08	1.53	0.228		0.0392	0.00158	
5	PCB-089			ND		0.0196	0.00112	
5	PCB-090/101/113	33.26	1.56	0.814		0.0587	0.00400	
5	PCB-092	32.64	1.54	0.240		0.0196	0.00085	
5	PCB-093/098/100/102	30.41	1.53	0.156		0.0783	0.00361	
5	PCB-094	29.67	1.59	0.0420		0.0196	0.00072	
5	PCB-095	30.15	1.56	0.558		0.0548	0.00549	
5	PCB-096	27.36	1.48	0.0218		0.0196	0.00074	
5	PCB-099	33.88	1.59	0.354		0.0196	0.00164	
5	PCB-103	29.46	1.56	0.0598		0.0196	0.00060	
5	PCB-104	26.97	1.55	0.0211		0.0196	0.00113	
5	PCB-105	39.67	1.56	0.0547		0.0196	0.00252	
5	PCB-106			ND		0.0196	0.00098	
5	PCB-107/124			ND		0.0392	0.00176	
5	PCB-109	37.99	1.58	0.0334		0.0196	0.00124	
5	PCB-110/115	35.32	1.57	0.613		0.0392	0.00446	
5	PCB-111			ND		0.0196	0.00077	
5	PCB-112			ND		0.0196	0.00121	
5	PCB-114			ND		0.0196	0.00099	
5	PCB-118	38.46	1.58	0.244		0.0305	0.00454	
5	PCB-120			ND		0.0196	0.00075	
5	PCB-121			ND		0.0196	0.00104	
5	PCB-122			ND		0.0196	0.00108	
5	PCB-123			ND		0.0196	0.00116	
5	PCB-126			ND		0.0196	0.00062	
5	PCB-127			ND		0.0196	0.00098	
6	PCB-128/166	42.95	1.26	0.107		0.0392	0.00211	
6	PCB-129/138/163	41.66	1.23	1.70		0.0587	0.00441	
6	PCB-130	40.99	1.19	0.0845		0.0196	0.00108	
6	PCB-131			ND		0.0196	0.00129	
6	PCB-132	38.54	1.24	0.411		0.0196	0.00146	
6	PCB-133	39.06	1.23	0.0433		0.0196	0.00092	
6	PCB-134/143	37.45	1.18	0.0684		0.0392	0.00241	
6	PCB-135/151	36.29	1.25	0.834		0.0392	0.00263	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10704779008
Lab File ID: P240913B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 17:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 03:42
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2040mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.77	1.24	0.221		0.0196	0.00134	
6	PCB-137	41.21	1.22	0.0224		0.0196	0.00143	
6	PCB-139/140			ND		0.0392	0.00184	
6	PCB-141	40.57	1.21	0.332		0.0196	0.00173	
6	PCB-142			ND		0.0196	0.00120	
6	PCB-144	36.88	1.21	0.0778		0.0196	0.00078	
6	PCB-145			ND		0.0196	0.00089	
6	PCB-146	39.73	1.23	0.332		0.0196	0.00111	
6	PCB-147/149	37.25	1.25	1.63		0.0392	0.00336	
6	PCB-148			ND		0.0196	0.00091	
6	PCB-150			ND		0.0196	0.00092	
6	PCB-152			ND		0.0196	0.00074	
6	PCB-153/168	40.37	1.23	1.76		0.0392	0.00263	
6	PCB-154	36.57	1.22	0.0477		0.0196	0.00116	
6	PCB-155			ND		0.0196	0.00102	
6	PCB-156/157	45.91	1.31	0.0721		0.0392	0.00145	
6	PCB-158	42.07	1.22	0.109		0.0196	0.00108	
6	PCB-159			ND		0.0196	0.00097	
6	PCB-160			ND		0.0196	0.00111	
6	PCB-161			ND		0.0196	0.00054	
6	PCB-162			ND		0.0196	0.00097	
6	PCB-164	41.33	1.26	0.118		0.0196	0.00121	
6	PCB-165			ND		0.0196	0.00063	
6	PCB-167	44.74	1.31	0.0446		0.0196	0.00141	
6	PCB-169			ND		0.0196	0.00087	
7	PCB-170	48.59	1.03	0.512		0.0196	0.00125	
7	PCB-171/173	45.00	1.03	0.163		0.0392	0.00162	
7	PCB-172	46.65	1.06	0.108		0.0196	0.00391	
7	PCB-174	43.90	1.05	0.629		0.0196	0.00141	
7	PCB-175	42.75	0.94	0.0241		0.0196	0.00093	
7	PCB-176	40.24	1.04	0.0759		0.0196	0.00077	
7	PCB-177	44.35	1.05	0.382		0.0196	0.00161	
7	PCB-178	42.10	1.02	0.162		0.0196	0.00103	
7	PCB-179	39.32	1.03	0.282		0.0196	0.00121	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10704779008
Lab File ID: P240913B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 17:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 03:42
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2040mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.32	1.04	1.20		0.0392	0.00356	
7	PCB-181			ND		0.0196	0.00129	
7	PCB-182			ND		0.0196	0.00107	
7	PCB-183/185	43.68	1.04	0.394		0.0392	0.00237	
7	PCB-184			ND		0.0196	0.00055	
7	PCB-186			ND		0.0196	0.00128	
7	PCB-187	43.04	1.01	0.803		0.0196	0.00145	
7	PCB-188			ND		0.0196	0.00062	
7	PCB-189	51.79	1.04	0.0206		0.0196	0.00097	
7	PCB-190	49.15	1.02	0.116		0.0196	0.00136	
7	PCB-191	47.67	1.16	0.0202		0.0196	0.00125	
7	PCB-192			ND		0.0196	0.00126	
8	PCB-194	53.90	0.90	0.234		0.0196	0.00101	
8	PCB-195	51.53	0.93	0.109		0.0196	0.00129	
8	PCB-196	49.97	0.88	0.129		0.0196	0.00096	
8	PCB-197/200	46.45	0.87	0.0459		0.0392	0.00163	
8	PCB-198/199	49.30	0.89	0.267		0.0392	0.00169	
8	PCB-201	45.42	0.90	0.0320		0.0196	0.00050	
8	PCB-202	44.49	0.92	0.0519		0.0196	0.00105	
8	PCB-203	50.17	0.88	0.164		0.0196	0.00088	
8	PCB-204			ND		0.0196	0.00101	
8	PCB-205			ND		0.0196	0.00121	
9	PCB-206	56.12	0.78	0.0567		0.0196	0.00173	
9	PCB-207			ND		0.0196	0.00116	
9	PCB-208			ND		0.0196	0.00104	
10	PCB-209			ND		0.0196	0.00613	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10704779008
Lab File ID: P240913B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 17:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 03:42
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2040mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.0250	B
Total DiCB	0.847	B
Total TrCB	1.34	B
Total TeCB	4.03	
Total PeCB	3.92	
Total HxCB	8.01	
Total HpCB	4.89	
Total OcCB	1.03	
Total NoCB	0.0567	
DeCB	ND	
Total PCBs	24.2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10704779009
Lab File ID: P240913B_08
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 12:35
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 04:43
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114640

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.28	2.99	2.00	0.606	30	
1	PCB-003L	13.08	3.11	2.00	0.634	32	
2	PCB-004L	13.38	1.55	2.00	0.584	29	
2	PCB-015L	20.49	1.61	2.00	0.690	35	
3	PCB-019L	17.21	1.03	2.00	0.535	27	
3	PCB-037L	28.29	1.07	2.00	0.875	44	
4	PCB-054L	20.83	0.80	2.00	0.453	23	
4	PCB-077L	36.03	0.82	2.00	1.35	68	
4	PCB-081L	35.44	0.78	2.00	1.23	62	
5	PCB-104L	26.96	1.57	2.00	0.400	20	
5	PCB-105L	39.65	1.59	2.00	1.33	67	
5	PCB-114L	39.00	1.61	2.00	1.24	62	
5	PCB-118L	38.44	1.58	2.00	1.27	63	
5	PCB-123L	38.09	1.61	2.00	1.22	61	
5	PCB-126L	42.82	1.63	2.00	1.41	70	
6	PCB-155L	33.03	1.25	2.00	0.437	22	
6	PCB-156/157L	45.91	1.30	4.00	2.64	66	
6	PCB-167L	44.72	1.29	2.00	1.34	67	
6	PCB-169L	49.20	1.29	2.00	1.31	66	
7	PCB-188L	38.96	1.02	2.00	1.17	59	
7	PCB-189L	51.77	1.09	2.00	1.50	75	
8	PCB-202L	44.47	0.88	2.00	1.44	72	
8	PCB-205L	54.38	0.90	2.00	1.36	68	
9	PCB-206L	56.12	0.80	2.00	1.27	64	
9	PCB-208L	51.27	0.79	2.00	1.45	73	
10	PCB-209L	57.74	0.71	2.00	1.26	63	
Recovery Standards							
2	PCB-009L	15.85	1.58	2.00	2.47	N/A	
4	PCB-052L	25.92	0.79	2.00	2.67	N/A	
5	PCB-101L	33.25	1.58	2.00	2.60	N/A	
6	PCB-138L	41.63	1.27	2.00	2.66	N/A	
8	PCB-194L	53.88	0.91	2.00	2.20	N/A	
Cleanup Standards							
3	PCB-028L	23.91	1.06	2.00	1.30	65	
5	PCB-111L	36.06	1.60	2.00	1.45	73	
7	PCB-178L	42.08	1.04	2.00	1.50	75	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10704779009
Lab File ID: P240913B_08
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 12:35
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 04:43
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.29	3.19	0.0493		0.0223	0.00396	
1	PCB-002			ND		0.0223	0.00403	
1	PCB-003			ND		0.0223	0.00750	
2	PCB-004	13.40	1.53	1.33		0.0223	0.00505	
2	PCB-005			ND		0.0223	0.00539	
2	PCB-006	16.35	1.54	0.0414		0.0223	0.00273	
2	PCB-007			ND		0.0223	0.00261	
2	PCB-008	16.87	1.51	0.0746	U	0.0223	0.00534	
2	PCB-009			ND		0.0223	0.00105	
2	PCB-010	13.63	1.44	0.0571		0.0223	0.00121	
2	PCB-011	19.79	1.61	0.311		0.219	0.0582	
2	PCB-012/013			ND		0.0446	0.00292	
2	PCB-014			ND		0.0223	0.00102	
2	PCB-015	20.51	1.49	0.158		0.0295	0.00576	
3	PCB-016	20.43	1.02	0.0460		0.0223	0.00325	
3	PCB-017	19.91	1.03	0.277		0.0223	0.00362	
3	PCB-018/030	19.43	1.05	0.203		0.0446	0.00592	
3	PCB-019	17.23	1.06	1.34		0.0223	0.00304	
3	PCB-020/028	23.94	1.08	0.276		0.115	0.00671	
3	PCB-021/033			ND		0.121	0.00554	
3	PCB-022			ND		0.0848	0.00365	
3	PCB-023			ND		0.0223	0.00111	
3	PCB-024			ND		0.0223	0.00124	
3	PCB-025	23.26	1.04	0.134		0.0223	0.00144	
3	PCB-026/029	23.00	1.08	0.153		0.0446	0.00232	
3	PCB-027	20.16	1.01	0.202		0.0223	0.00099	
3	PCB-031	23.60	1.07	0.168		0.116	0.00811	
3	PCB-032	21.06	1.06	0.281		0.0223	0.00271	
3	PCB-034			ND		0.0223	0.00109	
3	PCB-035			ND		0.0223	0.00110	
3	PCB-036			ND		0.0223	0.00104	
3	PCB-037			ND		0.0473	0.00270	
3	PCB-038			ND		0.0223	0.00110	
3	PCB-039			ND		0.0223	0.00141	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10704779009
Lab File ID: P240913B_08
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 12:35
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 04:43
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.13	0.77	0.418		0.0670	0.00459	
4	PCB-042	27.59	0.81	0.163		0.0223	0.00243	
4	PCB-043/073	26.11	0.71	0.0824		0.0446	0.00220	
4	PCB-044/047/065	27.08	0.78	2.76		0.0670	0.00649	
4	PCB-045/051	24.13	0.78	1.25		0.0446	0.00335	
4	PCB-046	24.37	0.77	0.0946		0.0223	0.00151	
4	PCB-048			ND		0.0223	0.00177	
4	PCB-069/049	26.48	0.78	1.65		0.0446	0.00376	
4	PCB-050/053	23.28	0.78	1.25		0.0446	0.00192	
4	PCB-052	25.94	0.79	1.10		0.115	0.0135	
4	PCB-054	20.85	0.78	0.616		0.0223	0.00102	
4	PCB-055			ND		0.0223	0.00152	
4	PCB-056	32.15	0.81	0.0318		0.0223	0.00342	
4	PCB-057			ND		0.0223	0.00102	
4	PCB-058			ND		0.0223	0.00131	
4	PCB-059/062/075			ND		0.0670	0.00230	
4	PCB-060			ND		0.0223	0.00188	
4	PCB-061/070/074/076	31.10	0.80	0.225		0.0893	0.00806	
4	PCB-063			ND		0.0223	0.00087	
4	PCB-064	28.37	0.79	0.0688		0.0223	0.00220	
4	PCB-066	31.45	0.79	0.247		0.0527	0.00420	
4	PCB-067			ND		0.0223	0.00123	
4	PCB-068	29.58	0.78	0.0481		0.0223	0.00112	
4	PCB-072	29.27	0.80	0.0308		0.0223	0.00078	
4	PCB-077			ND		0.0223	0.00135	
4	PCB-078			ND		0.0223	0.00114	
4	PCB-079			ND		0.0223	0.00078	
4	PCB-080			ND		0.0223	0.00110	
4	PCB-081			ND		0.0223	0.00074	
5	PCB-082	35.66	1.61	0.0442		0.0223	0.00135	
5	PCB-083	33.76	1.77	0.0508		0.0223	0.00116	
5	PCB-084	31.31	1.54	0.168		0.0223	0.00233	
5	PCB-085/116/117	35.13	1.50	0.161		0.0670	0.00309	
5	PCB-086/087/097/108/119/12	34.44	1.59	0.543		0.134	0.00590	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10704779009
Lab File ID: P240913B_08
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 12:35
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 04:43
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.08	1.56	0.556		0.0446	0.00180	
5	PCB-089			ND		0.0223	0.00127	
5	PCB-090/101/113	33.28	1.57	1.63		0.0670	0.00457	
5	PCB-092	32.66	1.56	0.517		0.0223	0.00096	
5	PCB-093/098/100/102	30.43	1.53	0.400		0.0893	0.00412	
5	PCB-094	29.69	1.56	0.110		0.0223	0.00083	
5	PCB-095	30.15	1.56	1.13		0.0625	0.00626	
5	PCB-096	27.36	1.52	0.0581		0.0223	0.00084	
5	PCB-099	33.90	1.58	0.747		0.0223	0.00188	
5	PCB-103	29.47	1.54	0.149		0.0223	0.00069	
5	PCB-104	26.99	1.55	0.0739		0.0223	0.00128	
5	PCB-105	39.67	1.56	0.0877		0.0223	0.00287	
5	PCB-106			ND		0.0223	0.00113	
5	PCB-107/124			ND		0.0446	0.00201	
5	PCB-109	37.99	1.56	0.0646		0.0223	0.00142	
5	PCB-110/115	35.33	1.59	1.16		0.0446	0.00509	
5	PCB-111			ND		0.0223	0.00088	
5	PCB-112			ND		0.0223	0.00138	
5	PCB-114			ND		0.0223	0.00114	
5	PCB-118	38.46	1.59	0.412		0.0348	0.00518	
5	PCB-120			ND		0.0223	0.00085	
5	PCB-121			ND		0.0223	0.00118	
5	PCB-122			ND		0.0223	0.00123	
5	PCB-123			ND		0.0223	0.00133	
5	PCB-126			ND		0.0223	0.00071	
5	PCB-127			ND		0.0223	0.00113	
6	PCB-128/166	42.95	1.25	0.192		0.0446	0.00241	
6	PCB-129/138/163	41.66	1.24	3.20		0.0670	0.00502	
6	PCB-130	40.99	1.26	0.165		0.0223	0.00123	
6	PCB-131			ND		0.0223	0.00147	
6	PCB-132	38.56	1.28	0.805		0.0223	0.00166	
6	PCB-133	39.08	1.29	0.0881		0.0223	0.00105	
6	PCB-134/143	37.47	1.25	0.143		0.0446	0.00275	
6	PCB-135/151	36.29	1.24	1.71		0.0446	0.00300	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10704779009
Lab File ID: P240913B_08
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 12:35
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 04:43
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.79	1.22	0.472		0.0223	0.00153	
6	PCB-137	41.23	1.24	0.0559		0.0223	0.00163	
6	PCB-139/140			ND		0.0446	0.00210	
6	PCB-141	40.57	1.25	0.623		0.0223	0.00198	
6	PCB-142			ND		0.0223	0.00137	
6	PCB-144	36.88	1.21	0.147		0.0223	0.00090	
6	PCB-145			ND		0.0223	0.00102	
6	PCB-146	39.75	1.24	0.650		0.0223	0.00126	
6	PCB-147/149	37.25	1.24	3.33		0.0446	0.00383	
6	PCB-148	35.69	1.33	0.0276		0.0223	0.00104	
6	PCB-150	33.42	1.25	0.0282		0.0223	0.00106	
6	PCB-152			ND		0.0223	0.00084	
6	PCB-153/168	40.39	1.25	3.32		0.0446	0.00300	
6	PCB-154	36.57	1.24	0.106		0.0223	0.00132	
6	PCB-155			ND		0.0223	0.00116	
6	PCB-156/157	45.91	1.26	0.114		0.0446	0.00165	
6	PCB-158	42.08	1.25	0.198		0.0223	0.00123	
6	PCB-159	43.95	1.26	0.0243		0.0223	0.00111	
6	PCB-160			ND		0.0223	0.00126	
6	PCB-161			ND		0.0223	0.00062	
6	PCB-162			ND		0.0223	0.00112	
6	PCB-164	41.34	1.24	0.214		0.0223	0.00138	
6	PCB-165			ND		0.0223	0.00072	
6	PCB-167	44.75	1.25	0.0739		0.0223	0.00161	
6	PCB-169			ND		0.0223	0.00100	
7	PCB-170	48.61	1.03	1.03		0.0223	0.00143	
7	PCB-171/173	45.02	1.04	0.318		0.0446	0.00184	
7	PCB-172	46.65	1.04	0.211		0.0223	0.00445	
7	PCB-174	43.92	1.02	1.24		0.0223	0.00161	
7	PCB-175	42.77	1.05	0.0475		0.0223	0.00106	
7	PCB-176	40.24	1.04	0.151		0.0223	0.00088	
7	PCB-177	44.37	1.03	0.749		0.0223	0.00183	
7	PCB-178	42.12	1.04	0.325		0.0223	0.00117	
7	PCB-179	39.33	1.04	0.579		0.0223	0.00138	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10704779009
Lab File ID: P240913B_08
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 12:35
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 04:43
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.32	1.03	2.35		0.0446	0.00406	
7	PCB-181			ND		0.0223	0.00147	
7	PCB-182			ND		0.0223	0.00122	
7	PCB-183/185	43.70	1.06	0.777		0.0446	0.00270	
7	PCB-184			ND		0.0223	0.00062	
7	PCB-186			ND		0.0223	0.00146	
7	PCB-187	43.04	1.03	1.59		0.0223	0.00165	
7	PCB-188			ND		0.0223	0.00070	
7	PCB-189	51.79	0.98	0.0334		0.0223	0.00112	
7	PCB-190	49.15	1.03	0.225		0.0223	0.00155	
7	PCB-191	47.69	1.04	0.0403		0.0223	0.00143	
7	PCB-192			ND		0.0223	0.00144	
8	PCB-194	53.90	0.90	0.442		0.0223	0.00115	
8	PCB-195	51.55	0.85	0.203		0.0223	0.00147	
8	PCB-196	49.99	0.89	0.244		0.0223	0.00110	
8	PCB-197/200	46.45	0.90	0.0857		0.0446	0.00186	
8	PCB-198/199	49.31	0.88	0.505		0.0446	0.00193	
8	PCB-201	45.44	0.88	0.0607		0.0223	0.00057	
8	PCB-202	44.49	0.90	0.101		0.0223	0.00119	
8	PCB-203	50.19	0.89	0.304		0.0223	0.00100	
8	PCB-204			ND		0.0223	0.00115	
8	PCB-205	54.40	0.88	0.0266		0.0223	0.00138	
9	PCB-206	56.14	0.78	0.105		0.0223	0.00198	
9	PCB-207			ND		0.0223	0.00133	
9	PCB-208			ND		0.0223	0.00118	
10	PCB-209			ND		0.0223	0.00699	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10704779009
Lab File ID: P240913B_08
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 12:35
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 04:43
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.0493	
Total DiCB	1.97	B
Total TrCB	3.08	
Total TeCB	10.0	
Total PeCB	8.06	
Total HxCB	15.7	
Total HpCB	9.67	
Total OcCB	1.97	
Total NoCB	0.105	
DeCB	ND	
Total PCBs	50.6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10704779010
Lab File ID: P240913B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 12:35
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 05:44
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114640

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.22	3.02	2.00	0.641	32	
1	PCB-003L	13.04	3.10	2.00	0.672	34	
2	PCB-004L	13.34	1.54	2.00	0.620	31	
2	PCB-015L	20.47	1.61	2.00	0.757	38	
3	PCB-019L	17.17	1.06	2.00	0.593	30	
3	PCB-037L	28.27	1.07	2.00	0.990	49	
4	PCB-054L	20.82	0.81	2.00	0.509	25	
4	PCB-077L	36.02	0.79	2.00	1.45	73	
4	PCB-081L	35.44	0.79	2.00	1.33	66	
5	PCB-104L	26.94	1.56	2.00	0.463	23	
5	PCB-105L	39.63	1.57	2.00	1.45	73	
5	PCB-114L	38.98	1.62	2.00	1.34	67	
5	PCB-118L	38.43	1.63	2.00	1.37	68	
5	PCB-123L	38.09	1.60	2.00	1.33	67	
5	PCB-126L	42.82	1.63	2.00	1.58	79	
6	PCB-155L	33.01	1.26	2.00	0.525	26	
6	PCB-156/157L	45.89	1.28	4.00	2.86	72	
6	PCB-167L	44.70	1.29	2.00	1.45	72	
6	PCB-169L	49.18	1.27	2.00	1.42	71	
7	PCB-188L	38.96	1.02	2.00	1.34	67	
7	PCB-189L	51.75	1.06	2.00	1.72	86	
8	PCB-202L	44.45	0.89	2.00	1.65	82	
8	PCB-205L	54.36	0.88	2.00	1.54	77	
9	PCB-206L	56.10	0.78	2.00	1.43	72	
9	PCB-208L	51.25	0.79	2.00	1.69	84	
10	PCB-209L	57.74	0.71	2.00	1.39	69	
Recovery Standards							
2	PCB-009L	15.81	1.59	2.00	2.30	N/A	
4	PCB-052L	25.91	0.78	2.00	2.46	N/A	
5	PCB-101L	33.25	1.60	2.00	2.40	N/A	
6	PCB-138L	41.63	1.27	2.00	2.55	N/A	
8	PCB-194L	53.86	0.89	2.00	2.03	N/A	
Cleanup Standards							
3	PCB-028L	23.91	1.06	2.00	1.39	70	
5	PCB-111L	36.05	1.57	2.00	1.54	77	
7	PCB-178L	42.08	1.03	2.00	1.57	78	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10704779010
Lab File ID: P240913B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 12:35
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 05:44
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.25	2.93	0.0350		0.0218	0.00387	
1	PCB-002			ND		0.0218	0.00393	
1	PCB-003			ND		0.0218	0.00732	
2	PCB-004	13.37	1.50	1.27		0.0218	0.00493	
2	PCB-005			ND		0.0218	0.00526	
2	PCB-006	16.32	1.38	0.0382		0.0218	0.00267	
2	PCB-007			ND		0.0218	0.00255	
2	PCB-008	16.85	1.51	0.0641	U	0.0218	0.00521	
2	PCB-009			ND		0.0218	0.00103	
2	PCB-010	13.58	1.47	0.0561		0.0218	0.00118	
2	PCB-011			ND		0.214	0.0568	
2	PCB-012/013			ND		0.0436	0.00286	
2	PCB-014			ND		0.0218	0.00099	
2	PCB-015	20.49	1.58	0.198		0.0288	0.00562	
3	PCB-016	20.42	1.08	0.0424		0.0218	0.00317	
3	PCB-017	19.90	1.06	0.277		0.0218	0.00353	
3	PCB-018/030	19.42	1.05	0.203		0.0436	0.00578	
3	PCB-019	17.19	1.04	1.34		0.0218	0.00296	
3	PCB-020/028	23.93	1.05	0.319		0.112	0.00655	
3	PCB-021/033			ND		0.118	0.00541	
3	PCB-022			ND		0.0828	0.00356	
3	PCB-023			ND		0.0218	0.00108	
3	PCB-024			ND		0.0218	0.00121	
3	PCB-025	23.26	1.06	0.149		0.0218	0.00141	
3	PCB-026/029	22.98	1.06	0.166		0.0436	0.00227	
3	PCB-027	20.14	1.06	0.208		0.0218	0.00097	
3	PCB-031	23.60	1.08	0.178		0.113	0.00792	
3	PCB-032	21.03	1.08	0.273		0.0218	0.00265	
3	PCB-034			ND		0.0218	0.00106	
3	PCB-035			ND		0.0218	0.00108	
3	PCB-036			ND		0.0218	0.00102	
3	PCB-037			ND		0.0462	0.00264	
3	PCB-038			ND		0.0218	0.00107	
3	PCB-039			ND		0.0218	0.00137	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10704779010
Lab File ID: P240913B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 12:35
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 05:44
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.12	0.77	0.514		0.0654	0.00448	
4	PCB-042	27.59	0.77	0.196		0.0218	0.00238	
4	PCB-043/073	26.09	0.77	0.101		0.0436	0.00215	
4	PCB-044/047/065	27.07	0.78	3.57		0.0654	0.00633	
4	PCB-045/051	24.11	0.78	1.43		0.0436	0.00327	
4	PCB-046	24.36	0.78	0.104		0.0218	0.00147	
4	PCB-048			ND		0.0218	0.00173	
4	PCB-069/049	26.46	0.78	2.03		0.0436	0.00367	
4	PCB-050/053	23.26	0.78	1.40		0.0436	0.00187	
4	PCB-052	25.92	0.78	1.32		0.112	0.0132	
4	PCB-054	20.83	0.78	0.641		0.0218	0.00099	
4	PCB-055			ND		0.0218	0.00148	
4	PCB-056	32.13	0.82	0.0419		0.0218	0.00333	
4	PCB-057			ND		0.0218	0.00099	
4	PCB-058			ND		0.0218	0.00128	
4	PCB-059/062/075	27.42	0.78	0.0722		0.0654	0.00224	
4	PCB-060			ND		0.0218	0.00183	
4	PCB-061/070/074/076	31.08	0.79	0.312		0.0872	0.00787	
4	PCB-063	30.74	0.81	0.0291		0.0218	0.00085	
4	PCB-064	28.37	0.79	0.0824		0.0218	0.00215	
4	PCB-066	31.44	0.80	0.358		0.0514	0.00410	
4	PCB-067			ND		0.0218	0.00120	
4	PCB-068	29.58	0.77	0.0678		0.0218	0.00109	
4	PCB-072	29.25	0.78	0.0440		0.0218	0.00076	
4	PCB-077			ND		0.0218	0.00132	
4	PCB-078			ND		0.0218	0.00111	
4	PCB-079			ND		0.0218	0.00076	
4	PCB-080			ND		0.0218	0.00107	
4	PCB-081			ND		0.0218	0.00072	
5	PCB-082	35.66	1.56	0.0679		0.0218	0.00132	
5	PCB-083	33.76	1.39	0.0868		0.0218	0.00113	
5	PCB-084	31.30	1.55	0.222		0.0218	0.00228	
5	PCB-085/116/117	35.12	1.55	0.252		0.0654	0.00302	
5	PCB-086/087/097/108/119/12	34.44	1.60	0.834		0.131	0.00576	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10704779010
Lab File ID: P240913B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 12:35
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 05:44
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.08	1.55	0.799		0.0436	0.00175	
5	PCB-089			ND		0.0218	0.00124	
5	PCB-090/101/113	33.26	1.54	2.45		0.0654	0.00446	
5	PCB-092	32.64	1.57	0.750		0.0218	0.00094	
5	PCB-093/098/100/102	30.41	1.60	0.584		0.0872	0.00402	
5	PCB-094	29.67	1.55	0.151		0.0218	0.00081	
5	PCB-095	30.15	1.55	1.55		0.0610	0.00611	
5	PCB-096	27.36	1.51	0.0754		0.0218	0.00082	
5	PCB-099	33.88	1.57	1.17		0.0218	0.00183	
5	PCB-103	29.46	1.56	0.205		0.0218	0.00067	
5	PCB-104	26.97	1.50	0.0963		0.0218	0.00125	
5	PCB-105	39.67	1.57	0.168		0.0218	0.00280	
5	PCB-106			ND		0.0218	0.00110	
5	PCB-107/124			ND		0.0436	0.00196	
5	PCB-109	37.99	1.63	0.111		0.0218	0.00138	
5	PCB-110/115	35.32	1.56	1.78		0.0436	0.00497	
5	PCB-111			ND		0.0218	0.00086	
5	PCB-112			ND		0.0218	0.00135	
5	PCB-114			ND		0.0218	0.00111	
5	PCB-118	38.46	1.58	0.769		0.0340	0.00506	
5	PCB-120	36.56	1.57	0.0344		0.0218	0.00083	
5	PCB-121			ND		0.0218	0.00116	
5	PCB-122			ND		0.0218	0.00120	
5	PCB-123			ND		0.0218	0.00130	
5	PCB-126			ND		0.0218	0.00069	
5	PCB-127			ND		0.0218	0.00110	
6	PCB-128/166	42.94	1.22	0.358		0.0436	0.00235	
6	PCB-129/138/163	41.66	1.26	6.20		0.0654	0.00490	
6	PCB-130	40.99	1.25	0.312		0.0218	0.00120	
6	PCB-131	38.09	1.37	0.0293		0.0218	0.00144	
6	PCB-132	38.54	1.24	1.43		0.0218	0.00162	
6	PCB-133	39.06	1.23	0.154		0.0218	0.00103	
6	PCB-134/143	37.45	1.22	0.246		0.0436	0.00268	
6	PCB-135/151	36.29	1.24	2.89		0.0436	0.00293	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10704779010
Lab File ID: P240913B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 12:35
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 05:44
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.77	1.25	0.752		0.0218	0.00149	
6	PCB-137	41.21	1.21	0.0970		0.0218	0.00159	
6	PCB-139/140	37.89	1.20	0.0673		0.0436	0.00205	
6	PCB-141	40.57	1.25	1.16		0.0218	0.00193	
6	PCB-142			ND		0.0218	0.00134	
6	PCB-144	36.88	1.23	0.250		0.0218	0.00087	
6	PCB-145			ND		0.0218	0.00099	
6	PCB-146	39.73	1.25	1.21		0.0218	0.00123	
6	PCB-147/149	37.25	1.24	5.69		0.0436	0.00374	
6	PCB-148	35.67	1.27	0.0442		0.0218	0.00102	
6	PCB-150	33.42	1.20	0.0479		0.0218	0.00103	
6	PCB-152	33.23	1.23	0.0327		0.0218	0.00082	
6	PCB-153/168	40.37	1.24	6.14		0.0436	0.00293	
6	PCB-154	36.56	1.26	0.190		0.0218	0.00129	
6	PCB-155			ND		0.0218	0.00113	
6	PCB-156/157	45.89	1.29	0.238		0.0436	0.00161	
6	PCB-158	42.07	1.23	0.392		0.0218	0.00120	
6	PCB-159	43.93	1.28	0.0588		0.0218	0.00108	
6	PCB-160			ND		0.0218	0.00123	
6	PCB-161			ND		0.0218	0.00060	
6	PCB-162			ND		0.0218	0.00109	
6	PCB-164	41.33	1.26	0.413		0.0218	0.00135	
6	PCB-165			ND		0.0218	0.00070	
6	PCB-167	44.74	1.26	0.153		0.0218	0.00157	
6	PCB-169			ND		0.0218	0.00097	
7	PCB-170	48.59	1.02	2.19		0.0218	0.00139	
7	PCB-171/173	45.00	1.04	0.667		0.0436	0.00180	
7	PCB-172	46.65	1.08	0.436		0.0218	0.00435	
7	PCB-174	43.90	1.05	2.49		0.0218	0.00157	
7	PCB-175	42.75	1.14	0.0935		0.0218	0.00104	
7	PCB-176	40.24	1.03	0.295		0.0218	0.00086	
7	PCB-177	44.35	1.04	1.57		0.0218	0.00179	
7	PCB-178	42.10	1.02	0.650		0.0218	0.00114	
7	PCB-179	39.32	1.02	1.11		0.0218	0.00135	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10704779010
Lab File ID: P240913B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 12:35
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 05:44
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.32	1.03	4.98		0.0436	0.00397	
7	PCB-181			ND		0.0218	0.00144	
7	PCB-182			ND		0.0218	0.00119	
7	PCB-183/185	43.68	1.02	1.60		0.0436	0.00264	
7	PCB-184			ND		0.0218	0.00061	
7	PCB-186			ND		0.0218	0.00143	
7	PCB-187	43.04	1.04	3.23		0.0218	0.00161	
7	PCB-188			ND		0.0218	0.00069	
7	PCB-189	51.77	1.07	0.0712		0.0218	0.00109	
7	PCB-190	49.15	1.04	0.491		0.0218	0.00151	
7	PCB-191	47.67	1.08	0.0829		0.0218	0.00139	
7	PCB-192			ND		0.0218	0.00141	
8	PCB-194	53.90	0.88	0.970		0.0218	0.00112	
8	PCB-195	51.53	0.90	0.453		0.0218	0.00144	
8	PCB-196	49.97	0.89	0.522		0.0218	0.00108	
8	PCB-197/200	46.45	0.89	0.182		0.0436	0.00182	
8	PCB-198/199	49.30	0.88	1.11		0.0436	0.00189	
8	PCB-201	45.42	0.88	0.131		0.0218	0.00055	
8	PCB-202	44.47	0.88	0.208		0.0218	0.00117	
8	PCB-203	50.17	0.89	0.668		0.0218	0.00098	
8	PCB-204			ND		0.0218	0.00112	
8	PCB-205	54.38	0.84	0.0549		0.0218	0.00135	
9	PCB-206	56.12	0.78	0.220		0.0218	0.00193	
9	PCB-207	52.24	0.76	0.0303		0.0218	0.00130	
9	PCB-208	51.27	0.82	0.0425		0.0218	0.00116	
10	PCB-209			ND		0.0218	0.00682	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10704779010
Lab File ID: P240913B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 12:35
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 05:44
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.0350	
Total DiCB	1.63	B
Total TrCB	3.15	
Total TeCB	12.3	
Total PeCB	12.2	
Total HxCB	28.6	
Total HpCB	20.0	
Total OcCB	4.30	
Total NoCB	0.293	
DeCB	ND	
Total PCBs	82.4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10704779011
Lab File ID: P240913B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 06:46
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114640

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1950mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.26	3.10	2.00	0.698	35	
1	PCB-003L	13.06	3.07	2.00	0.810	41	
2	PCB-004L	13.37	1.53	2.00	0.724	36	
2	PCB-015L	20.48	1.60	2.00	0.904	45	
3	PCB-019L	17.19	1.04	2.00	0.689	34	
3	PCB-037L	28.29	1.07	2.00	1.14	57	
4	PCB-054L	20.82	0.79	2.00	0.612	31	
4	PCB-077L	36.03	0.81	2.00	1.58	79	
4	PCB-081L	35.44	0.80	2.00	1.49	75	
5	PCB-104L	26.96	1.58	2.00	0.583	29	
5	PCB-105L	39.65	1.60	2.00	1.55	78	
5	PCB-114L	39.00	1.63	2.00	1.49	74	
5	PCB-118L	38.43	1.62	2.00	1.50	75	
5	PCB-123L	38.09	1.58	2.00	1.46	73	
5	PCB-126L	42.82	1.59	2.00	1.53	77	
6	PCB-155L	33.03	1.27	2.00	0.712	36	
6	PCB-156/157L	45.89	1.28	4.00	2.89	72	
6	PCB-167L	44.72	1.29	2.00	1.46	73	
6	PCB-169L	49.20	1.30	2.00	1.39	70	
7	PCB-188L	38.96	1.04	2.00	1.58	79	
7	PCB-189L	51.77	1.09	2.00	1.69	84	
8	PCB-202L	44.45	0.90	2.00	1.73	86	
8	PCB-205L	54.36	0.90	2.00	1.50	75	
9	PCB-206L	56.10	0.80	2.00	1.38	69	
9	PCB-208L	51.27	0.79	2.00	1.68	84	
10	PCB-209L	57.74	0.72	2.00	1.37	68	
Recovery Standards							
2	PCB-009L	15.84	1.57	2.00	2.33	N/A	
4	PCB-052L	25.91	0.78	2.00	2.48	N/A	
5	PCB-101L	33.25	1.60	2.00	2.40	N/A	
6	PCB-138L	41.63	1.27	2.00	2.49	N/A	
8	PCB-194L	53.88	0.92	2.00	1.95	N/A	
Cleanup Standards							
3	PCB-028L	23.91	1.06	2.00	1.47	73	
5	PCB-111L	36.06	1.59	2.00	1.58	79	
7	PCB-178L	42.08	1.06	2.00	1.61	80	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10704779011
Lab File ID: P240913B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 06:46
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1950mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.27	3.18	0.0462		0.0206	0.00365	
1	PCB-002			ND		0.0206	0.00371	
1	PCB-003			ND		0.0206	0.00691	
2	PCB-004	13.39	1.54	1.22		0.0206	0.00465	
2	PCB-005			ND		0.0206	0.00497	
2	PCB-006	16.34	1.60	0.0350		0.0206	0.00252	
2	PCB-007			ND		0.0206	0.00241	
2	PCB-008	16.86	1.58	0.0576	U	0.0206	0.00491	
2	PCB-009			ND		0.0206	0.00097	
2	PCB-010	13.60	1.41	0.0513		0.0206	0.00111	
2	PCB-011			ND		0.202	0.0536	
2	PCB-012/013			ND		0.0411	0.00269	
2	PCB-014			ND		0.0206	0.00094	
2	PCB-015	20.50	1.62	0.132		0.0271	0.00531	
3	PCB-016	20.43	1.08	0.0346		0.0206	0.00299	
3	PCB-017	19.91	1.05	0.238		0.0206	0.00333	
3	PCB-018/030	19.43	1.02	0.175		0.0411	0.00545	
3	PCB-019	17.22	1.03	1.18		0.0206	0.00280	
3	PCB-020/028	23.94	1.08	0.232		0.106	0.00618	
3	PCB-021/033			ND		0.111	0.00510	
3	PCB-022			ND		0.0781	0.00336	
3	PCB-023			ND		0.0206	0.00102	
3	PCB-024			ND		0.0206	0.00114	
3	PCB-025	23.26	1.05	0.116		0.0206	0.00133	
3	PCB-026/029	22.98	1.04	0.133		0.0411	0.00214	
3	PCB-027	20.16	1.06	0.178		0.0206	0.00091	
3	PCB-031	23.60	1.04	0.135		0.107	0.00747	
3	PCB-032	21.05	1.06	0.246		0.0206	0.00250	
3	PCB-034			ND		0.0206	0.00100	
3	PCB-035			ND		0.0206	0.00102	
3	PCB-036			ND		0.0206	0.00095	
3	PCB-037			ND		0.0436	0.00249	
3	PCB-038			ND		0.0206	0.00101	
3	PCB-039			ND		0.0206	0.00130	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10704779011
Lab File ID: P240913B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 06:46
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1950mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.13	0.77	0.379		0.0617	0.00423	
4	PCB-042	27.59	0.77	0.142		0.0206	0.00224	
4	PCB-043/073	26.09	0.85	0.0748		0.0411	0.00203	
4	PCB-044/047/065	27.08	0.77	2.51		0.0617	0.00597	
4	PCB-045/051	24.13	0.78	1.18		0.0411	0.00308	
4	PCB-046	24.37	0.78	0.0871		0.0206	0.00139	
4	PCB-048			ND		0.0206	0.00163	
4	PCB-069/049	26.48	0.78	1.48		0.0411	0.00346	
4	PCB-050/053	23.28	0.77	1.16		0.0411	0.00177	
4	PCB-052	25.94	0.77	0.997		0.106	0.0124	
4	PCB-054	20.85	0.76	0.523		0.0206	0.00094	
4	PCB-055			ND		0.0206	0.00140	
4	PCB-056	32.15	0.81	0.0254		0.0206	0.00315	
4	PCB-057			ND		0.0206	0.00094	
4	PCB-058			ND		0.0206	0.00120	
4	PCB-059/062/075			ND		0.0617	0.00212	
4	PCB-060			ND		0.0206	0.00173	
4	PCB-061/070/074/076	31.09	0.77	0.198		0.0822	0.00742	
4	PCB-063			ND		0.0206	0.00080	
4	PCB-064	28.37	0.76	0.0561		0.0206	0.00203	
4	PCB-066	31.45	0.81	0.222		0.0485	0.00387	
4	PCB-067			ND		0.0206	0.00113	
4	PCB-068	29.58	0.77	0.0435		0.0206	0.00103	
4	PCB-072	29.27	0.83	0.0296		0.0206	0.00072	
4	PCB-077			ND		0.0206	0.00124	
4	PCB-078			ND		0.0206	0.00105	
4	PCB-079			ND		0.0206	0.00072	
4	PCB-080			ND		0.0206	0.00101	
4	PCB-081			ND		0.0206	0.00068	
5	PCB-082	35.66	1.54	0.0409		0.0206	0.00124	
5	PCB-083	33.76	1.57	0.0472		0.0206	0.00107	
5	PCB-084	31.31	1.57	0.153		0.0206	0.00215	
5	PCB-085/116/117	35.13	1.56	0.151		0.0617	0.00285	
5	PCB-086/087/097/108/119/12	34.44	1.56	0.502		0.123	0.00544	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10704779011
Lab File ID: P240913B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 06:46
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1950mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.08	1.57	0.526		0.0411	0.00166	
5	PCB-089			ND		0.0206	0.00117	
5	PCB-090/101/113	33.28	1.58	1.52		0.0617	0.00420	
5	PCB-092	32.66	1.60	0.476		0.0206	0.00089	
5	PCB-093/098/100/102	30.43	1.59	0.374		0.0822	0.00379	
5	PCB-094	29.69	1.57	0.104		0.0206	0.00076	
5	PCB-095	30.15	1.59	1.07		0.0576	0.00577	
5	PCB-096	27.36	1.56	0.0569		0.0206	0.00077	
5	PCB-099	33.90	1.56	0.697		0.0206	0.00173	
5	PCB-103	29.47	1.57	0.139		0.0206	0.00063	
5	PCB-104	26.99	1.49	0.0555		0.0206	0.00118	
5	PCB-105	39.67	1.63	0.0939		0.0206	0.00264	
5	PCB-106			ND		0.0206	0.00104	
5	PCB-107/124			ND		0.0411	0.00185	
5	PCB-109	37.99	1.60	0.0607		0.0206	0.00131	
5	PCB-110/115	35.33	1.56	1.09		0.0411	0.00469	
5	PCB-111			ND		0.0206	0.00081	
5	PCB-112			ND		0.0206	0.00127	
5	PCB-114			ND		0.0206	0.00105	
5	PCB-118	38.46	1.62	0.415		0.0321	0.00477	
5	PCB-120			ND		0.0206	0.00078	
5	PCB-121			ND		0.0206	0.00109	
5	PCB-122			ND		0.0206	0.00113	
5	PCB-123			ND		0.0206	0.00122	
5	PCB-126			ND		0.0206	0.00065	
5	PCB-127			ND		0.0206	0.00104	
6	PCB-128/166	42.95	1.22	0.193		0.0411	0.00222	
6	PCB-129/138/163	41.66	1.26	3.16		0.0617	0.00463	
6	PCB-130	40.99	1.24	0.163		0.0206	0.00113	
6	PCB-131			ND		0.0206	0.00136	
6	PCB-132	38.56	1.31	0.781		0.0206	0.00153	
6	PCB-133	39.08	1.28	0.0859		0.0206	0.00096	
6	PCB-134/143	37.47	1.22	0.136		0.0411	0.00253	
6	PCB-135/151	36.29	1.24	1.66		0.0411	0.00277	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10704779011
Lab File ID: P240913B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 06:46
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1950mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.79	1.25	0.448		0.0206	0.00141	
6	PCB-137	41.23	1.21	0.0557		0.0206	0.00150	
6	PCB-139/140			ND		0.0411	0.00193	
6	PCB-141	40.57	1.26	0.604		0.0206	0.00182	
6	PCB-142			ND		0.0206	0.00126	
6	PCB-144	36.88	1.22	0.143		0.0206	0.00082	
6	PCB-145			ND		0.0206	0.00094	
6	PCB-146	39.73	1.23	0.634		0.0206	0.00116	
6	PCB-147/149	37.25	1.25	3.27		0.0411	0.00353	
6	PCB-148	35.69	1.24	0.0258		0.0206	0.00095	
6	PCB-150	33.42	1.26	0.0273		0.0206	0.00097	
6	PCB-152	33.23	1.21	0.0208		0.0206	0.00078	
6	PCB-153/168	40.37	1.25	3.27		0.0411	0.00277	
6	PCB-154	36.57	1.20	0.107		0.0206	0.00121	
6	PCB-155			ND		0.0206	0.00107	
6	PCB-156/157	45.91	1.28	0.121		0.0411	0.00152	
6	PCB-158	42.06	1.23	0.196		0.0206	0.00113	
6	PCB-159	43.95	1.29	0.0236		0.0206	0.00102	
6	PCB-160			ND		0.0206	0.00116	
6	PCB-161			ND		0.0206	0.00057	
6	PCB-162			ND		0.0206	0.00103	
6	PCB-164	41.33	1.29	0.207		0.0206	0.00127	
6	PCB-165			ND		0.0206	0.00066	
6	PCB-167	44.74	1.25	0.0792		0.0206	0.00148	
6	PCB-169			ND		0.0206	0.00092	
7	PCB-170	48.61	1.04	1.03		0.0206	0.00132	
7	PCB-171/173	45.00	1.05	0.322		0.0411	0.00170	
7	PCB-172	46.65	1.00	0.213		0.0206	0.00410	
7	PCB-174	43.91	1.03	1.24		0.0206	0.00148	
7	PCB-175	42.77	1.02	0.0474		0.0206	0.00097	
7	PCB-176	40.24	1.06	0.149		0.0206	0.00081	
7	PCB-177	44.37	1.03	0.753		0.0206	0.00169	
7	PCB-178	42.12	1.03	0.324		0.0206	0.00108	
7	PCB-179	39.33	1.05	0.570		0.0206	0.00127	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10704779011
Lab File ID: P240913B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 06:46
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1950mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.32	1.04	2.39		0.0411	0.00374	
7	PCB-181			ND		0.0206	0.00136	
7	PCB-182			ND		0.0206	0.00112	
7	PCB-183/185	43.68	1.03	0.767		0.0411	0.00249	
7	PCB-184			ND		0.0206	0.00057	
7	PCB-186			ND		0.0206	0.00135	
7	PCB-187	43.04	1.02	1.59		0.0206	0.00152	
7	PCB-188			ND		0.0206	0.00065	
7	PCB-189	51.79	1.03	0.0379		0.0206	0.00103	
7	PCB-190	49.15	1.04	0.229		0.0206	0.00143	
7	PCB-191	47.67	1.08	0.0380		0.0206	0.00132	
7	PCB-192			ND		0.0206	0.00133	
8	PCB-194	53.90	0.89	0.512		0.0206	0.00106	
8	PCB-195	51.55	0.90	0.240		0.0206	0.00136	
8	PCB-196	49.97	0.88	0.279		0.0206	0.00101	
8	PCB-197/200	46.45	0.89	0.0956		0.0411	0.00172	
8	PCB-198/199	49.31	0.92	0.562		0.0411	0.00178	
8	PCB-201	45.42	0.89	0.0702		0.0206	0.00052	
8	PCB-202	44.48	0.89	0.109		0.0206	0.00110	
8	PCB-203	50.19	0.88	0.350		0.0206	0.00092	
8	PCB-204			ND		0.0206	0.00106	
8	PCB-205	54.38	0.95	0.0298		0.0206	0.00127	
9	PCB-206	56.14	0.77	0.128		0.0206	0.00182	
9	PCB-207			ND		0.0206	0.00122	
9	PCB-208	51.29	0.76	0.0240		0.0206	0.00109	
10	PCB-209			ND		0.0206	0.00644	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10704779011
Lab File ID: P240913B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 06:46
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1950mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.0462	
Total DiCB	1.49	B
Total TrCB	2.67	
Total TeCB	9.11	
Total PeCB	7.56	
Total HxCB	15.4	
Total HpCB	9.70	
Total OcCB	2.25	
Total NoCB	0.152	
DeCB	ND	
Total PCBs	48.4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10704779012
Lab File ID: P240913B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 15:40
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 07:47
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114640

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.18	2.95	2.00	0.728	36	
1	PCB-003L	13.00	3.14	2.00	0.775	39	
2	PCB-004L	13.31	1.57	2.00	0.709	35	
2	PCB-015L	20.46	1.59	2.00	0.855	43	
3	PCB-019L	17.15	1.04	2.00	0.653	33	
3	PCB-037L	28.27	1.05	2.00	1.15	57	
4	PCB-054L	20.80	0.80	2.00	0.573	29	
4	PCB-077L	36.01	0.80	2.00	1.65	82	
4	PCB-081L	35.43	0.78	2.00	1.54	77	
5	PCB-104L	26.94	1.57	2.00	0.544	27	
5	PCB-105L	39.63	1.61	2.00	1.64	82	
5	PCB-114L	38.98	1.62	2.00	1.54	77	
5	PCB-118L	38.43	1.58	2.00	1.57	79	
5	PCB-123L	38.07	1.60	2.00	1.53	76	
5	PCB-126L	42.80	1.59	2.00	1.70	85	
6	PCB-155L	33.01	1.25	2.00	0.730	37	
6	PCB-156/157L	45.89	1.30	4.00	3.16	79	
6	PCB-167L	44.70	1.29	2.00	1.59	80	
6	PCB-169L	49.18	1.26	2.00	1.56	78	
7	PCB-188L	38.95	1.05	2.00	1.46	73	
7	PCB-189L	51.75	1.10	2.00	1.68	84	
8	PCB-202L	44.45	0.89	2.00	1.61	80	
8	PCB-205L	54.36	0.92	2.00	1.54	77	
9	PCB-206L	56.10	0.79	2.00	1.47	73	
9	PCB-208L	51.25	0.80	2.00	1.62	81	
10	PCB-209L	57.74	0.70	2.00	1.50	75	
Recovery Standards							
2	PCB-009L	15.79	1.61	2.00	2.25	N/A	
4	PCB-052L	25.91	0.79	2.00	2.36	N/A	
5	PCB-101L	33.23	1.62	2.00	2.30	N/A	
6	PCB-138L	41.61	1.27	2.00	2.41	N/A	
8	PCB-194L	53.86	0.91	2.00	2.12	N/A	
Cleanup Standards							
3	PCB-028L	23.89	1.06	2.00	1.51	75	
5	PCB-111L	36.05	1.60	2.00	1.61	81	
7	PCB-178L	42.06	1.03	2.00	1.66	83	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10704779012
Lab File ID: P240913B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 15:40
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 07:47
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.19	3.09	0.145		0.0226	0.00401	
1	PCB-002			ND		0.0226	0.00407	
1	PCB-003	13.02	3.36	0.0288		0.0226	0.00758	
2	PCB-004	13.33	1.54	3.46		0.0226	0.00510	
2	PCB-005			ND		0.0226	0.00545	
2	PCB-006	16.30	1.51	0.107		0.0226	0.00276	
2	PCB-007			ND		0.0226	0.00264	
2	PCB-008	16.83	1.56	0.157		0.0226	0.00539	
2	PCB-009			ND		0.0226	0.00107	
2	PCB-010	13.55	1.57	0.148		0.0226	0.00122	
2	PCB-011			ND		0.221	0.0588	
2	PCB-012/013	20.09	1.48	0.0533		0.0451	0.00296	
2	PCB-014			ND		0.0226	0.00103	
2	PCB-015	20.48	1.59	0.287		0.0298	0.00582	
3	PCB-016	20.40	1.06	0.0860		0.0226	0.00328	
3	PCB-017	19.88	1.04	0.656		0.0226	0.00366	
3	PCB-018/030	19.39	1.03	0.461		0.0451	0.00598	
3	PCB-019	17.17	1.05	3.36		0.0226	0.00307	
3	PCB-020/028	23.93	1.07	0.541		0.116	0.00678	
3	PCB-021/033	24.13	1.10	0.184		0.122	0.00560	
3	PCB-022			ND		0.0857	0.00369	
3	PCB-023			ND		0.0226	0.00112	
3	PCB-024			ND		0.0226	0.00125	
3	PCB-025	23.24	1.05	0.311		0.0226	0.00146	
3	PCB-026/029	22.97	1.06	0.346		0.0451	0.00235	
3	PCB-027	20.12	1.05	0.469		0.0226	0.00101	
3	PCB-031	23.58	1.06	0.328		0.117	0.00820	
3	PCB-032	21.03	1.06	0.848		0.0226	0.00274	
3	PCB-034			ND		0.0226	0.00110	
3	PCB-035			ND		0.0226	0.00112	
3	PCB-036			ND		0.0226	0.00105	
3	PCB-037	28.30	1.09	0.0550		0.0478	0.00273	
3	PCB-038			ND		0.0226	0.00111	
3	PCB-039			ND		0.0226	0.00142	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10704779012
Lab File ID: P240913B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 15:40
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 07:47
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.12	0.77	0.985		0.0677	0.00464	
4	PCB-042	27.58	0.80	0.350		0.0226	0.00246	
4	PCB-043/073	26.09	0.78	0.173		0.0451	0.00222	
4	PCB-044/047/065	27.07	0.78	6.15		0.0677	0.00656	
4	PCB-045/051	24.10	0.78	3.69		0.0451	0.00338	
4	PCB-046	24.34	0.78	0.231		0.0226	0.00152	
4	PCB-048			ND		0.0226	0.00179	
4	PCB-069/049	26.46	0.77	3.64		0.0451	0.00380	
4	PCB-050/053	23.26	0.77	3.11		0.0451	0.00194	
4	PCB-052	25.92	0.78	2.34		0.116	0.0137	
4	PCB-054	20.82	0.78	1.55		0.0226	0.00103	
4	PCB-055			ND		0.0226	0.00153	
4	PCB-056	32.13	0.79	0.0524		0.0226	0.00345	
4	PCB-057			ND		0.0226	0.00103	
4	PCB-058			ND		0.0226	0.00132	
4	PCB-059/062/075	27.42	0.74	0.122		0.0677	0.00232	
4	PCB-060			ND		0.0226	0.00190	
4	PCB-061/070/074/076	31.08	0.78	0.423		0.0903	0.00815	
4	PCB-063	30.74	0.82	0.0419		0.0226	0.00088	
4	PCB-064	28.35	0.74	0.125		0.0226	0.00222	
4	PCB-066	31.43	0.80	0.486		0.0533	0.00424	
4	PCB-067	30.41	0.76	0.0256		0.0226	0.00124	
4	PCB-068	29.56	0.78	0.0991		0.0226	0.00113	
4	PCB-072	29.25	0.80	0.0638		0.0226	0.00079	
4	PCB-077			ND		0.0226	0.00137	
4	PCB-078			ND		0.0226	0.00115	
4	PCB-079			ND		0.0226	0.00079	
4	PCB-080			ND		0.0226	0.00111	
4	PCB-081			ND		0.0226	0.00075	
5	PCB-082	35.64	1.60	0.0783		0.0226	0.00137	
5	PCB-083	33.76	1.50	0.111		0.0226	0.00117	
5	PCB-084	31.30	1.53	0.321		0.0226	0.00236	
5	PCB-085/116/117	35.10	1.60	0.268		0.0677	0.00313	
5	PCB-086/087/097/108/119/12	34.42	1.55	0.990		0.135	0.00597	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10704779012
Lab File ID: P240913B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 15:40
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 07:47
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.08	1.54	1.18		0.0451	0.00182	
5	PCB-089			ND		0.0226	0.00129	
5	PCB-090/101/113	33.26	1.55	2.90		0.0677	0.00461	
5	PCB-092	32.64	1.57	0.939		0.0226	0.00097	
5	PCB-093/098/100/102	30.41	1.54	0.889		0.0903	0.00416	
5	PCB-094	29.67	1.60	0.257		0.0226	0.00084	
5	PCB-095	30.14	1.55	2.13		0.0632	0.00633	
5	PCB-096	27.34	1.51	0.137		0.0226	0.00085	
5	PCB-099	33.88	1.56	1.34		0.0226	0.00190	
5	PCB-103	29.45	1.57	0.323		0.0226	0.00069	
5	PCB-104	26.97	1.56	0.162		0.0226	0.00130	
5	PCB-105	39.67	1.54	0.157		0.0226	0.00290	
5	PCB-106			ND		0.0226	0.00114	
5	PCB-107/124			ND		0.0451	0.00203	
5	PCB-109	37.97	1.58	0.111		0.0226	0.00143	
5	PCB-110/115	35.32	1.57	2.01		0.0451	0.00514	
5	PCB-111			ND		0.0226	0.00089	
5	PCB-112			ND		0.0226	0.00140	
5	PCB-114			ND		0.0226	0.00115	
5	PCB-118	38.44	1.59	0.728		0.0352	0.00524	
5	PCB-120	36.56	1.59	0.0308		0.0226	0.00086	
5	PCB-121			ND		0.0226	0.00120	
5	PCB-122			ND		0.0226	0.00124	
5	PCB-123			ND		0.0226	0.00134	
5	PCB-126			ND		0.0226	0.00072	
5	PCB-127			ND		0.0226	0.00114	
6	PCB-128/166	42.94	1.23	0.305		0.0451	0.00244	
6	PCB-129/138/163	41.65	1.25	5.18		0.0677	0.00508	
6	PCB-130	40.97	1.22	0.262		0.0226	0.00124	
6	PCB-131	38.07	1.17	0.0289		0.0226	0.00149	
6	PCB-132	38.54	1.24	1.39		0.0226	0.00168	
6	PCB-133	39.06	1.22	0.146		0.0226	0.00106	
6	PCB-134/143	37.45	1.28	0.248		0.0451	0.00278	
6	PCB-135/151	36.28	1.24	2.90		0.0451	0.00304	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10704779012
Lab File ID: P240913B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 15:40
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 07:47
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.77	1.24	0.838		0.0226	0.00155	
6	PCB-137	41.21	1.18	0.0671		0.0226	0.00165	
6	PCB-139/140	37.87	1.23	0.0650		0.0451	0.00212	
6	PCB-141	40.56	1.25	1.06		0.0226	0.00200	
6	PCB-142			ND		0.0226	0.00139	
6	PCB-144	36.88	1.22	0.254		0.0226	0.00090	
6	PCB-145			ND		0.0226	0.00103	
6	PCB-146	39.73	1.24	1.05		0.0226	0.00127	
6	PCB-147/149	37.25	1.25	5.67		0.0451	0.00387	
6	PCB-148	35.67	1.18	0.0499		0.0226	0.00105	
6	PCB-150	33.40	1.24	0.0576		0.0226	0.00107	
6	PCB-152	33.23	1.29	0.0446		0.0226	0.00085	
6	PCB-153/168	40.37	1.25	5.37		0.0451	0.00304	
6	PCB-154	36.56	1.24	0.191		0.0226	0.00133	
6	PCB-155			ND		0.0226	0.00117	
6	PCB-156/157	45.89	1.31	0.205		0.0451	0.00167	
6	PCB-158	42.06	1.20	0.331		0.0226	0.00124	
6	PCB-159	43.90	1.28	0.103		0.0226	0.00112	
6	PCB-160			ND		0.0226	0.00127	
6	PCB-161			ND		0.0226	0.00062	
6	PCB-162			ND		0.0226	0.00113	
6	PCB-164	41.33	1.24	0.372		0.0226	0.00140	
6	PCB-165			ND		0.0226	0.00073	
6	PCB-167	44.74	1.25	0.131		0.0226	0.00162	
6	PCB-169			ND		0.0226	0.00101	
7	PCB-170	48.59	1.05	1.75		0.0226	0.00144	
7	PCB-171/173	45.00	1.04	0.549		0.0451	0.00186	
7	PCB-172	46.65	1.05	0.356		0.0226	0.00450	
7	PCB-174	43.90	1.04	2.05		0.0226	0.00162	
7	PCB-175	42.75	1.06	0.0854		0.0226	0.00107	
7	PCB-176	40.22	1.03	0.262		0.0226	0.00089	
7	PCB-177	44.35	1.03	1.22		0.0226	0.00185	
7	PCB-178	42.10	1.02	0.522		0.0226	0.00118	
7	PCB-179	39.31	1.04	0.982		0.0226	0.00140	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10704779012
Lab File ID: P240913B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 15:40
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 07:47
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.30	1.04	4.06		0.0451	0.00411	
7	PCB-181			ND		0.0226	0.00149	
7	PCB-182			ND		0.0226	0.00123	
7	PCB-183/185	43.68	1.03	1.35		0.0451	0.00273	
7	PCB-184			ND		0.0226	0.00063	
7	PCB-186			ND		0.0226	0.00148	
7	PCB-187	43.04	1.03	2.64		0.0226	0.00167	
7	PCB-188			ND		0.0226	0.00071	
7	PCB-189	51.77	1.05	0.0609		0.0226	0.00113	
7	PCB-190	49.15	1.04	0.374		0.0226	0.00157	
7	PCB-191	47.67	0.97	0.0646		0.0226	0.00144	
7	PCB-192			ND		0.0226	0.00146	
8	PCB-194	53.88	0.90	0.838		0.0226	0.00116	
8	PCB-195	51.53	0.91	0.370		0.0226	0.00149	
8	PCB-196	49.97	0.90	0.443		0.0226	0.00111	
8	PCB-197/200	46.43	0.90	0.151		0.0451	0.00188	
8	PCB-198/199	49.30	0.90	0.912		0.0451	0.00195	
8	PCB-201	45.42	0.89	0.111		0.0226	0.00057	
8	PCB-202	44.47	0.91	0.174		0.0226	0.00121	
8	PCB-203	50.17	0.88	0.549		0.0226	0.00101	
8	PCB-204			ND		0.0226	0.00116	
8	PCB-205	54.38	0.96	0.0452		0.0226	0.00140	
9	PCB-206	56.12	0.80	0.182		0.0226	0.00200	
9	PCB-207	52.22	0.77	0.0252		0.0226	0.00134	
9	PCB-208	51.27	0.73	0.0359		0.0226	0.00120	
10	PCB-209			ND		0.0226	0.00706	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10704779012
Lab File ID: P240913B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 15:40
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 07:47
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.174	
Total DiCB	4.21	
Total TrCB	7.64	
Total TeCB	23.7	
Total PeCB	15.1	
Total HxCB	26.3	
Total HpCB	16.3	
Total OcCB	3.59	
Total NoCB	0.243	
DeCB	ND	
Total PCBs	97.2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10704779013
Lab File ID: P240913B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 08:49
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114640

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.28	2.90	2.00	0.535	27	
1	PCB-003L	13.07	3.13	2.00	0.585	29	
2	PCB-004L	13.38	1.53	2.00	0.529	26	
2	PCB-015L	20.48	1.62	2.00	0.652	33	
3	PCB-019L	17.20	1.04	2.00	0.483	24	
3	PCB-037L	28.29	1.06	2.00	0.921	46	
4	PCB-054L	20.82	0.79	2.00	0.432	22	
4	PCB-077L	36.01	0.79	2.00	1.36	68	
4	PCB-081L	35.44	0.78	2.00	1.27	63	
5	PCB-104L	26.96	1.57	2.00	0.440	22	
5	PCB-105L	39.65	1.61	2.00	1.35	68	
5	PCB-114L	39.00	1.59	2.00	1.26	63	
5	PCB-118L	38.43	1.63	2.00	1.30	65	
5	PCB-123L	38.09	1.60	2.00	1.26	63	
5	PCB-126L	42.82	1.59	2.00	1.35	67	
6	PCB-155L	33.03	1.26	2.00	0.579	29	
6	PCB-156/157L	45.89	1.26	4.00	2.59	65	
6	PCB-167L	44.72	1.27	2.00	1.31	66	
6	PCB-169L	49.20	1.29	2.00	1.31	66	
7	PCB-188L	38.96	1.04	2.00	1.22	61	
7	PCB-189L	51.77	1.11	2.00	1.42	71	
8	PCB-202L	44.45	0.89	2.00	1.34	67	
8	PCB-205L	54.36	0.89	2.00	1.30	65	
9	PCB-206L	56.12	0.79	2.00	1.22	61	
9	PCB-208L	51.27	0.80	2.00	1.36	68	
10	PCB-209L	57.74	0.70	2.00	1.21	60	
Recovery Standards							
2	PCB-009L	15.84	1.61	2.00	2.62	N/A	
4	PCB-052L	25.91	0.78	2.00	2.85	N/A	
5	PCB-101L	33.25	1.55	2.00	2.76	N/A	
6	PCB-138L	41.63	1.26	2.00	2.81	N/A	
8	PCB-194L	53.88	0.90	2.00	2.48	N/A	
Cleanup Standards							
3	PCB-028L	23.91	1.07	2.00	1.19	59	
5	PCB-111L	36.05	1.58	2.00	1.37	69	
7	PCB-178L	42.08	1.04	2.00	1.42	71	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10704779013
Lab File ID: P240913B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 08:49
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.29	3.20	0.209		0.0220	0.00390	
1	PCB-002			ND		0.0220	0.00396	
1	PCB-003	13.10	3.57	0.0319		0.0220	0.00738	
2	PCB-004	13.40	1.53	5.39		0.0220	0.00496	
2	PCB-005			ND		0.0220	0.00530	
2	PCB-006	16.34	1.58	0.146		0.0220	0.00269	
2	PCB-007			ND		0.0220	0.00257	
2	PCB-008	16.87	1.58	0.207		0.0220	0.00525	
2	PCB-009	15.86	1.58	0.0234		0.0220	0.00104	
2	PCB-010	13.62	1.52	0.223		0.0220	0.00119	
2	PCB-011	19.78	1.60	0.296		0.215	0.0572	
2	PCB-012/013	20.11	1.55	0.0737		0.0439	0.00288	
2	PCB-014			ND		0.0220	0.00100	
2	PCB-015	20.50	1.57	0.357		0.0290	0.00567	
3	PCB-016	20.43	1.06	0.118		0.0220	0.00320	
3	PCB-017	19.91	1.04	0.998		0.0220	0.00356	
3	PCB-018/030	19.43	1.04	0.671		0.0439	0.00582	
3	PCB-019	17.22	1.02	5.18		0.0220	0.00299	
3	PCB-020/028	23.94	1.07	0.810		0.113	0.00660	
3	PCB-021/033	24.13	1.04	0.303		0.119	0.00545	
3	PCB-022	24.62	1.07	0.0988		0.0835	0.00359	
3	PCB-023			ND		0.0220	0.00109	
3	PCB-024			ND		0.0220	0.00122	
3	PCB-025	23.26	1.06	0.479		0.0220	0.00142	
3	PCB-026/029	22.98	1.05	0.542		0.0439	0.00228	
3	PCB-027	20.16	1.06	0.676		0.0220	0.00098	
3	PCB-031	23.60	1.06	0.488		0.114	0.00798	
3	PCB-032	21.05	1.07	1.45		0.0220	0.00267	
3	PCB-034			ND		0.0220	0.00107	
3	PCB-035			ND		0.0220	0.00109	
3	PCB-036			ND		0.0220	0.00102	
3	PCB-037	28.30	1.09	0.0674		0.0466	0.00266	
3	PCB-038			ND		0.0220	0.00108	
3	PCB-039			ND		0.0220	0.00138	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10704779013
Lab File ID: P240913B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 08:49
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.12	0.78	1.46		0.0659	0.00451	
4	PCB-042	27.59	0.79	0.506		0.0220	0.00239	
4	PCB-043/073	26.09	0.77	0.276		0.0439	0.00216	
4	PCB-044/047/065	27.08	0.78	8.98		0.0659	0.00638	
4	PCB-045/051	24.11	0.78	6.36		0.0439	0.00329	
4	PCB-046	24.36	0.77	0.360		0.0220	0.00148	
4	PCB-048			ND		0.0220	0.00175	
4	PCB-069/049	26.48	0.77	5.45		0.0439	0.00370	
4	PCB-050/053	23.28	0.77	4.78		0.0439	0.00189	
4	PCB-052	25.94	0.78	3.38		0.113	0.0133	
4	PCB-054	20.85	0.78	2.61		0.0220	0.00100	
4	PCB-055			ND		0.0220	0.00149	
4	PCB-056	32.15	0.82	0.0600		0.0220	0.00336	
4	PCB-057			ND		0.0220	0.00100	
4	PCB-058			ND		0.0220	0.00128	
4	PCB-059/062/075	27.42	0.79	0.179		0.0659	0.00226	
4	PCB-060			ND		0.0220	0.00184	
4	PCB-061/070/074/076	31.08	0.81	0.538		0.0879	0.00793	
4	PCB-063	30.74	0.78	0.0601		0.0220	0.00086	
4	PCB-064	28.37	0.79	0.167		0.0220	0.00216	
4	PCB-066	31.44	0.81	0.615		0.0518	0.00413	
4	PCB-067	30.43	0.78	0.0358		0.0220	0.00121	
4	PCB-068	29.58	0.79	0.137		0.0220	0.00110	
4	PCB-072	29.27	0.80	0.0850		0.0220	0.00077	
4	PCB-077			ND		0.0220	0.00133	
4	PCB-078			ND		0.0220	0.00112	
4	PCB-079	34.41	0.78	0.0235		0.0220	0.00077	
4	PCB-080			ND		0.0220	0.00108	
4	PCB-081			ND		0.0220	0.00073	
5	PCB-082	35.66	1.62	0.0896		0.0220	0.00133	
5	PCB-083	33.76	1.54	0.124		0.0220	0.00114	
5	PCB-084	31.30	1.52	0.428		0.0220	0.00230	
5	PCB-085/116/117	35.12	1.55	0.326		0.0659	0.00304	
5	PCB-086/087/097/108/119/12	34.44	1.56	1.22		0.132	0.00581	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10704779013
Lab File ID: P240913B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 08:49
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.08	1.58	1.63		0.0439	0.00177	
5	PCB-089			ND		0.0220	0.00125	
5	PCB-090/101/113	33.26	1.56	3.69		0.0659	0.00449	
5	PCB-092	32.66	1.58	1.22		0.0220	0.00095	
5	PCB-093/098/100/102	30.41	1.57	1.29		0.0879	0.00405	
5	PCB-094	29.69	1.52	0.381		0.0220	0.00081	
5	PCB-095	30.15	1.58	2.90		0.0615	0.00616	
5	PCB-096	27.36	1.58	0.221		0.0220	0.00083	
5	PCB-099	33.88	1.57	1.64		0.0220	0.00184	
5	PCB-103	29.46	1.55	0.464		0.0220	0.00067	
5	PCB-104	26.97	1.51	0.262		0.0220	0.00126	
5	PCB-105	39.67	1.55	0.159		0.0220	0.00282	
5	PCB-106			ND		0.0220	0.00111	
5	PCB-107/124			ND		0.0439	0.00198	
5	PCB-109	37.99	1.56	0.122		0.0220	0.00139	
5	PCB-110/115	35.33	1.57	2.35		0.0439	0.00501	
5	PCB-111			ND		0.0220	0.00086	
5	PCB-112			ND		0.0220	0.00136	
5	PCB-114			ND		0.0220	0.00112	
5	PCB-118	38.46	1.61	0.735		0.0343	0.00510	
5	PCB-120	36.56	1.57	0.0354		0.0220	0.00084	
5	PCB-121			ND		0.0220	0.00116	
5	PCB-122			ND		0.0220	0.00121	
5	PCB-123			ND		0.0220	0.00131	
5	PCB-126			ND		0.0220	0.00070	
5	PCB-127			ND		0.0220	0.00111	
6	PCB-128/166	42.95	1.25	0.343		0.0439	0.00237	
6	PCB-129/138/163	41.66	1.25	5.33		0.0659	0.00494	
6	PCB-130	40.99	1.23	0.268		0.0220	0.00121	
6	PCB-131	38.09	1.19	0.0342		0.0220	0.00145	
6	PCB-132	38.56	1.24	1.57		0.0220	0.00164	
6	PCB-133	39.06	1.25	0.156		0.0220	0.00103	
6	PCB-134/143	37.47	1.24	0.283		0.0439	0.00270	
6	PCB-135/151	36.29	1.24	3.47		0.0439	0.00295	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10704779013
Lab File ID: P240913B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 08:49
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.77	1.23	1.07		0.0220	0.00150	
6	PCB-137	41.23	1.28	0.0823		0.0220	0.00160	
6	PCB-139/140	37.89	1.28	0.0745		0.0439	0.00206	
6	PCB-141	40.57	1.24	1.13		0.0220	0.00194	
6	PCB-142			ND		0.0220	0.00135	
6	PCB-144	36.88	1.23	0.304		0.0220	0.00088	
6	PCB-145			ND		0.0220	0.00100	
6	PCB-146	39.73	1.24	1.12		0.0220	0.00124	
6	PCB-147/149	37.25	1.25	6.39		0.0439	0.00377	
6	PCB-148	35.67	1.28	0.0601		0.0220	0.00102	
6	PCB-150	33.42	1.26	0.0751		0.0220	0.00104	
6	PCB-152	33.23	1.19	0.0612		0.0220	0.00083	
6	PCB-153/168	40.37	1.25	5.63		0.0439	0.00295	
6	PCB-154	36.57	1.25	0.233		0.0220	0.00130	
6	PCB-155			ND		0.0220	0.00114	
6	PCB-156/157	45.91	1.26	0.195		0.0439	0.00163	
6	PCB-158	42.07	1.26	0.345		0.0220	0.00121	
6	PCB-159	43.91	1.23	0.0945		0.0220	0.00109	
6	PCB-160			ND		0.0220	0.00124	
6	PCB-161			ND		0.0220	0.00061	
6	PCB-162			ND		0.0220	0.00110	
6	PCB-164	41.33	1.24	0.373		0.0220	0.00136	
6	PCB-165			ND		0.0220	0.00071	
6	PCB-167	44.74	1.27	0.124		0.0220	0.00158	
6	PCB-169			ND		0.0220	0.00098	
7	PCB-170	48.61	1.03	1.57		0.0220	0.00141	
7	PCB-171/173	45.00	1.03	0.513		0.0439	0.00181	
7	PCB-172	46.65	1.00	0.319		0.0220	0.00438	
7	PCB-174	43.91	1.03	1.99		0.0220	0.00158	
7	PCB-175	42.77	1.05	0.0798		0.0220	0.00104	
7	PCB-176	40.24	1.02	0.264		0.0220	0.00087	
7	PCB-177	44.37	1.04	1.16		0.0220	0.00180	
7	PCB-178	42.12	1.04	0.503		0.0220	0.00115	
7	PCB-179	39.33	1.03	1.01		0.0220	0.00136	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10704779013
Lab File ID: P240913B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 08:49
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.32	1.05	3.74		0.0439	0.00400	
7	PCB-181			ND		0.0220	0.00145	
7	PCB-182			ND		0.0220	0.00120	
7	PCB-183/185	43.68	1.03	1.27		0.0439	0.00266	
7	PCB-184			ND		0.0220	0.00061	
7	PCB-186			ND		0.0220	0.00144	
7	PCB-187	43.04	1.04	2.47		0.0220	0.00163	
7	PCB-188			ND		0.0220	0.00069	
7	PCB-189	51.79	1.08	0.0571		0.0220	0.00110	
7	PCB-190	49.15	1.05	0.348		0.0220	0.00153	
7	PCB-191	47.69	1.01	0.0632		0.0220	0.00141	
7	PCB-192			ND		0.0220	0.00142	
8	PCB-194	53.90	0.89	0.719		0.0220	0.00113	
8	PCB-195	51.55	0.88	0.322		0.0220	0.00145	
8	PCB-196	49.98	0.90	0.402		0.0220	0.00108	
8	PCB-197/200	46.45	0.88	0.141		0.0439	0.00183	
8	PCB-198/199	49.31	0.89	0.772		0.0439	0.00190	
8	PCB-201	45.44	0.92	0.103		0.0220	0.00056	
8	PCB-202	44.48	0.90	0.159		0.0220	0.00118	
8	PCB-203	50.19	0.87	0.482		0.0220	0.00098	
8	PCB-204			ND		0.0220	0.00113	
8	PCB-205	54.40	0.86	0.0394		0.0220	0.00136	
9	PCB-206	56.14	0.77	0.157		0.0220	0.00194	
9	PCB-207			ND		0.0220	0.00131	
9	PCB-208	51.29	0.75	0.0311		0.0220	0.00116	
10	PCB-209			ND		0.0220	0.00687	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10704779013
Lab File ID: P240913B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/10/2024 14:00
Date Analyzed: 09/14/2024 08:49
Method Blank ID: BLANK-114638
Lab Spike ID(s): LCS-114639/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240913B02
CCal File(s): P240913B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.241	
Total DiCB	6.72	B
Total TrCB	11.9	
Total TeCB	36.1	
Total PeCB	19.3	
Total HxCB	28.8	
Total HpCB	15.4	
Total OcCB	3.14	
Total NoCB	0.188	
DeCB	ND	
Total PCBs	122	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Woods Pond Dam (Lab Dup)**
Lab Sample ID: 10704779014
Lab File ID: P240918A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/18/2024 23:43
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114728

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.25	3.17	2.00	1.17	58	
1	PCB-003L	13.07	3.07	2.00	1.40	70	
2	PCB-004L	13.37	1.53	2.00	1.49	74	
2	PCB-015L	20.49	1.59	2.00	1.50	75	
3	PCB-019L	17.19	1.03	2.00	1.44	72	
3	PCB-037L	28.31	1.06	2.00	1.40	70	
4	PCB-054L	20.82	0.80	2.00	1.30	65	
4	PCB-077L	36.03	0.80	2.00	1.52	76	
4	PCB-081L	35.46	0.80	2.00	1.58	79	
5	PCB-104L	26.96	1.55	2.00	1.53	77	
5	PCB-105L	39.66	1.59	2.00	1.44	72	
5	PCB-114L	39.00	1.62	2.00	1.45	72	
5	PCB-118L	38.45	1.61	2.00	1.43	72	
5	PCB-123L	38.10	1.57	2.00	1.46	73	
5	PCB-126L	42.84	1.59	2.00	1.46	73	
6	PCB-155L	33.03	1.25	2.00	1.65	82	
6	PCB-156/157L	45.92	1.29	4.00	3.12	78	
6	PCB-167L	44.73	1.29	2.00	1.57	79	
6	PCB-169L	49.22	1.28	2.00	1.58	79	
7	PCB-188L	38.97	1.05	2.00	1.68	84	
7	PCB-189L	51.79	1.08	2.00	1.60	80	
8	PCB-202L	44.47	0.88	2.00	1.52	76	
8	PCB-205L	54.38	0.90	2.00	1.49	74	
9	PCB-206L	56.12	0.76	2.00	1.50	75	
9	PCB-208L	51.27	0.78	2.00	1.52	76	
10	PCB-209L	57.76	0.71	2.00	1.52	76	
Recovery Standards							
2	PCB-009L	15.83	1.58	2.00	2.00	N/A	
4	PCB-052L	25.92	0.78	2.00	2.38	N/A	
5	PCB-101L	33.26	1.61	2.00	2.45	N/A	
6	PCB-138L	41.64	1.24	2.00	2.34	N/A	
8	PCB-194L	53.90	0.91	2.00	2.28	N/A	
Cleanup Standards							
3	PCB-028L	23.93	1.05	2.00	1.27	64	
5	PCB-111L	36.06	1.54	2.00	1.38	69	
7	PCB-178L	42.09	1.03	2.00	1.70	85	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam (Lab Dup)**
Lab Sample ID: 10704779014
Lab File ID: P240918A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/18/2024 23:43
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.26	3.27	0.105		0.0232	0.00411	
1	PCB-002			ND		0.0232	0.00418	
1	PCB-003			ND		0.0232	0.00779	
2	PCB-004	13.39	1.53	2.60		0.0232	0.00524	
2	PCB-005			ND		0.0232	0.00560	
2	PCB-006	16.34	1.56	0.0673		0.0232	0.00284	
2	PCB-007			ND		0.0232	0.00271	
2	PCB-008	16.87	1.59	0.0931		0.0232	0.00554	
2	PCB-009			ND		0.0232	0.00109	
2	PCB-010	13.62	1.45	0.106		0.0232	0.00125	
2	PCB-011			ND		0.227	0.0604	
2	PCB-012/013			ND		0.0463	0.00304	
2	PCB-014			ND		0.0232	0.00106	
2	PCB-015	20.51	1.64	0.167		0.0306	0.00598	
3	PCB-016	20.43	1.02	0.0694		0.0232	0.00337	
3	PCB-017	19.91	1.06	0.629		0.0232	0.00375	
3	PCB-018/030	19.43	1.06	0.436		0.0463	0.00614	
3	PCB-019	17.22	1.01	2.27		0.0232	0.00315	
3	PCB-020/028	23.94	1.08	0.477		0.120	0.00696	
3	PCB-021/033	24.14	1.10	0.154		0.125	0.00575	
3	PCB-022			ND		0.0881	0.00379	
3	PCB-023			ND		0.0232	0.00115	
3	PCB-024			ND		0.0232	0.00129	
3	PCB-025	23.28	1.05	0.272		0.0232	0.00149	
3	PCB-026/029	23.00	1.06	0.318		0.0463	0.00241	
3	PCB-027	20.16	1.05	0.449		0.0232	0.00103	
3	PCB-031	23.62	1.07	0.279		0.121	0.00842	
3	PCB-032	21.05	1.06	0.839		0.0232	0.00282	
3	PCB-034			ND		0.0232	0.00113	
3	PCB-035			ND		0.0232	0.00115	
3	PCB-036			ND		0.0232	0.00108	
3	PCB-037			ND		0.0491	0.00280	
3	PCB-038			ND		0.0232	0.00114	
3	PCB-039			ND		0.0232	0.00146	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam (Lab Dup)**
Lab Sample ID: 10704779014
Lab File ID: P240918A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/18/2024 23:43
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.14	0.77	1.05		0.0695	0.00476	
4	PCB-042	27.61	0.77	0.371		0.0232	0.00253	
4	PCB-043/073	26.11	0.77	0.197		0.0463	0.00228	
4	PCB-044/047/065	27.10	0.77	6.84		0.0695	0.00673	
4	PCB-045/051	24.13	0.77	4.99		0.0463	0.00348	
4	PCB-046	24.38	0.78	0.281		0.0232	0.00156	
4	PCB-048			ND		0.0232	0.00184	
4	PCB-069/049	26.48	0.78	3.92		0.0463	0.00390	
4	PCB-050/053	23.28	0.77	3.72		0.0463	0.00199	
4	PCB-052	25.94	0.77	2.38		0.120	0.0140	
4	PCB-054	20.85	0.77	1.02		0.0232	0.00106	
4	PCB-055			ND		0.0232	0.00158	
4	PCB-056	32.15	0.79	0.0400		0.0232	0.00355	
4	PCB-057			ND		0.0232	0.00106	
4	PCB-058			ND		0.0232	0.00136	
4	PCB-059/062/075	27.44	0.78	0.136		0.0695	0.00239	
4	PCB-060			ND		0.0232	0.00195	
4	PCB-061/070/074/076	31.10	0.78	0.362		0.0927	0.00837	
4	PCB-063	30.76	0.81	0.0380		0.0232	0.00091	
4	PCB-064	28.38	0.74	0.124		0.0232	0.00228	
4	PCB-066	31.45	0.80	0.416		0.0547	0.00436	
4	PCB-067			ND		0.0232	0.00127	
4	PCB-068	29.60	0.80	0.0934		0.0232	0.00116	
4	PCB-072	29.29	0.80	0.0600		0.0232	0.00081	
4	PCB-077			ND		0.0232	0.00140	
4	PCB-078			ND		0.0232	0.00118	
4	PCB-079			ND		0.0232	0.00081	
4	PCB-080			ND		0.0232	0.00114	
4	PCB-081			ND		0.0232	0.00077	
5	PCB-082	35.68	1.62	0.0575		0.0232	0.00140	
5	PCB-083	33.76	1.51	0.0797		0.0232	0.00121	
5	PCB-084	31.31	1.54	0.318		0.0232	0.00242	
5	PCB-085/116/117	35.14	1.54	0.236		0.0695	0.00321	
5	PCB-086/087/097/108/119/12	34.44	1.55	0.859		0.139	0.00613	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam (Lab Dup)**
Lab Sample ID: 10704779014
Lab File ID: P240918A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/18/2024 23:43
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.10	1.54	1.16		0.0463	0.00187	
5	PCB-089			ND		0.0232	0.00132	
5	PCB-090/101/113	33.28	1.53	2.66		0.0695	0.00474	
5	PCB-092	32.66	1.53	0.879		0.0232	0.00101	
5	PCB-093/098/100/102	30.43	1.60	0.913		0.0927	0.00428	
5	PCB-094	29.69	1.52	0.283		0.0232	0.00086	
5	PCB-095	30.17	1.56	2.13		0.0649	0.00650	
5	PCB-096	27.38	1.54	0.179		0.0232	0.00087	
5	PCB-099	33.90	1.54	1.15		0.0232	0.00195	
5	PCB-103	29.47	1.54	0.350		0.0232	0.00071	
5	PCB-104	26.99	1.51	0.0815		0.0232	0.00133	
5	PCB-105	39.67	1.54	0.126		0.0232	0.00298	
5	PCB-106			ND		0.0232	0.00117	
5	PCB-107/124			ND		0.0463	0.00209	
5	PCB-109	38.01	1.65	0.0872		0.0232	0.00147	
5	PCB-110/115	35.34	1.56	1.63		0.0463	0.00528	
5	PCB-111			ND		0.0232	0.00091	
5	PCB-112			ND		0.0232	0.00144	
5	PCB-114			ND		0.0232	0.00118	
5	PCB-118	38.47	1.60	0.596		0.0362	0.00538	
5	PCB-120	36.57	1.60	0.0233		0.0232	0.00088	
5	PCB-121			ND		0.0232	0.00123	
5	PCB-122			ND		0.0232	0.00127	
5	PCB-123			ND		0.0232	0.00138	
5	PCB-126			ND		0.0232	0.00074	
5	PCB-127			ND		0.0232	0.00117	
6	PCB-128/166	42.98	1.25	0.215		0.0463	0.00250	
6	PCB-129/138/163	41.67	1.23	3.20		0.0695	0.00521	
6	PCB-130	41.00	1.22	0.161		0.0232	0.00127	
6	PCB-131			ND		0.0232	0.00153	
6	PCB-132	38.57	1.24	0.949		0.0232	0.00173	
6	PCB-133	39.09	1.20	0.0975		0.0232	0.00109	
6	PCB-134/143	37.48	1.27	0.170		0.0463	0.00285	
6	PCB-135/151	36.30	1.24	2.11		0.0463	0.00312	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam (Lab Dup)**
Lab Sample ID: 10704779014
Lab File ID: P240918A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/18/2024 23:43
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.79	1.24	0.687		0.0232	0.00159	
6	PCB-137	41.23	1.29	0.0447		0.0232	0.00169	
6	PCB-139/140			ND		0.0463	0.00218	
6	PCB-141	40.58	1.24	0.661		0.0232	0.00205	
6	PCB-142			ND		0.0232	0.00143	
6	PCB-144	36.90	1.23	0.184		0.0232	0.00093	
6	PCB-145			ND		0.0232	0.00106	
6	PCB-146	39.76	1.27	0.657		0.0232	0.00131	
6	PCB-147/149	37.26	1.25	3.76		0.0463	0.00397	
6	PCB-148	35.69	1.25	0.0362		0.0232	0.00108	
6	PCB-150	33.43	1.26	0.0491		0.0232	0.00110	
6	PCB-152	33.25	1.23	0.0391		0.0232	0.00088	
6	PCB-153/168	40.39	1.25	3.43		0.0463	0.00312	
6	PCB-154	36.57	1.22	0.138		0.0232	0.00137	
6	PCB-155			ND		0.0232	0.00121	
6	PCB-156/157	45.92	1.32	0.166		0.0463	0.00171	
6	PCB-158	42.09	1.25	0.211		0.0232	0.00127	
6	PCB-159	43.92	1.31	0.0549		0.0232	0.00115	
6	PCB-160			ND		0.0232	0.00131	
6	PCB-161			ND		0.0232	0.00064	
6	PCB-162			ND		0.0232	0.00116	
6	PCB-164	41.35	1.21	0.228		0.0232	0.00144	
6	PCB-165			ND		0.0232	0.00075	
6	PCB-167	44.76	1.27	0.105		0.0232	0.00167	
6	PCB-169			ND		0.0232	0.00104	
7	PCB-170	48.62	1.04	1.22		0.0232	0.00148	
7	PCB-171/173	45.03	1.04	0.365		0.0463	0.00191	
7	PCB-172	46.67	1.03	0.248		0.0232	0.00462	
7	PCB-174	43.92	1.04	1.41		0.0232	0.00167	
7	PCB-175	42.78	0.98	0.0526		0.0232	0.00110	
7	PCB-176	40.24	1.04	0.175		0.0232	0.00091	
7	PCB-177	44.37	1.04	0.806		0.0232	0.00190	
7	PCB-178	42.12	1.05	0.345		0.0232	0.00122	
7	PCB-179	39.34	1.03	0.687		0.0232	0.00144	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam (Lab Dup)**
Lab Sample ID: 10704779014
Lab File ID: P240918A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/18/2024 23:43
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.34	1.04	2.93		0.0463	0.00422	
7	PCB-181			ND		0.0232	0.00153	
7	PCB-182			ND		0.0232	0.00126	
7	PCB-183/185	43.70	1.04	0.862		0.0463	0.00280	
7	PCB-184			ND		0.0232	0.00065	
7	PCB-186			ND		0.0232	0.00152	
7	PCB-187	43.06	1.03	1.63		0.0232	0.00171	
7	PCB-188			ND		0.0232	0.00073	
7	PCB-189	51.81	1.02	0.0442		0.0232	0.00116	
7	PCB-190	49.17	1.02	0.282		0.0232	0.00161	
7	PCB-191	47.69	1.02	0.0521		0.0232	0.00148	
7	PCB-192			ND		0.0232	0.00149	
8	PCB-194	53.92	0.91	0.663		0.0232	0.00119	
8	PCB-195	51.55	0.88	0.295		0.0232	0.00153	
8	PCB-196	49.99	0.93	0.347		0.0232	0.00114	
8	PCB-197/200	46.45	0.90	0.110		0.0463	0.00194	
8	PCB-198/199	49.32	0.89	0.650		0.0463	0.00200	
8	PCB-201	45.45	0.87	0.0755		0.0232	0.00059	
8	PCB-202	44.49	0.88	0.125		0.0232	0.00124	
8	PCB-203	50.19	0.89	0.424		0.0232	0.00104	
8	PCB-204			ND		0.0232	0.00119	
8	PCB-205	54.40	0.86	0.0323		0.0232	0.00144	
9	PCB-206	56.14	0.80	0.128		0.0232	0.00205	
9	PCB-207			ND		0.0232	0.00138	
9	PCB-208	51.29	0.70	0.0254		0.0232	0.00123	
10	PCB-209			ND		0.0232	0.00725	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Woods Pond Dam (Lab Dup)**
Lab Sample ID: 10704779014
Lab File ID: P240918A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/18/2024 23:43
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

Homologue	Concentration (ng/L)	Q
Total MoCB	0.105	
Total DiCB	3.03	
Total TrCB	6.19	
Total TeCB	26.1	
Total PeCB	13.8	
Total HxCB	17.4	
Total HpCB	11.1	
Total OcCB	2.72	
Total NoCB	0.154	
DeCB	ND	
Total PCBs	80.5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10704779015
Lab File ID: P240918A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 00:45
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114728

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.28	3.12	2.00	1.15	57	
1	PCB-003L	13.10	3.11	2.00	1.36	68	
2	PCB-004L	13.39	1.55	2.00	1.44	72	
2	PCB-015L	20.50	1.57	2.00	1.43	71	
3	PCB-019L	17.22	1.02	2.00	1.34	67	
3	PCB-037L	28.31	1.07	2.00	1.34	67	
4	PCB-054L	20.83	0.79	2.00	1.21	60	
4	PCB-077L	36.03	0.80	2.00	1.46	73	
4	PCB-081L	35.46	0.79	2.00	1.49	75	
5	PCB-104L	26.98	1.57	2.00	1.44	72	
5	PCB-105L	39.66	1.61	2.00	1.41	71	
5	PCB-114L	39.00	1.59	2.00	1.39	69	
5	PCB-118L	38.45	1.60	2.00	1.39	69	
5	PCB-123L	38.11	1.59	2.00	1.40	70	
5	PCB-126L	42.84	1.61	2.00	1.40	70	
6	PCB-155L	33.05	1.25	2.00	1.53	76	
6	PCB-156/157L	45.92	1.29	4.00	2.95	74	
6	PCB-167L	44.74	1.28	2.00	1.50	75	
6	PCB-169L	49.22	1.29	2.00	1.50	75	
7	PCB-188L	38.97	1.05	2.00	1.53	76	
7	PCB-189L	51.79	1.08	2.00	1.52	76	
8	PCB-202L	44.48	0.88	2.00	1.42	71	
8	PCB-205L	54.38	0.90	2.00	1.43	71	
9	PCB-206L	56.12	0.81	2.00	1.45	72	
9	PCB-208L	51.27	0.79	2.00	1.46	73	
10	PCB-209L	57.76	0.68	2.00	1.48	74	
Recovery Standards							
2	PCB-009L	15.86	1.55	2.00	2.09	N/A	
4	PCB-052L	25.92	0.78	2.00	2.50	N/A	
5	PCB-101L	33.26	1.61	2.00	2.55	N/A	
6	PCB-138L	41.65	1.26	2.00	2.54	N/A	
8	PCB-194L	53.90	0.92	2.00	2.51	N/A	
Cleanup Standards							
3	PCB-028L	23.93	1.05	2.00	1.25	63	
5	PCB-111L	36.08	1.55	2.00	1.37	69	
7	PCB-178L	42.11	1.05	2.00	1.58	79	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10704779015
Lab File ID: P240918A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 00:45
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.29	3.22	0.0828		0.0228	0.00405	
1	PCB-002			ND		0.0228	0.00412	
1	PCB-003			ND		0.0228	0.00767	
2	PCB-004	13.41	1.52	2.55		0.0228	0.00516	
2	PCB-005			ND		0.0228	0.00551	
2	PCB-006	16.37	1.56	0.0605		0.0228	0.00280	
2	PCB-007			ND		0.0228	0.00267	
2	PCB-008	16.88	1.63	0.0831	U	0.0228	0.00546	
2	PCB-009			ND		0.0228	0.00108	
2	PCB-010	13.64	1.48	0.106		0.0228	0.00123	
2	PCB-011			ND		0.224	0.0595	
2	PCB-012/013			ND		0.0457	0.00299	
2	PCB-014			ND		0.0228	0.00104	
2	PCB-015	20.52	1.58	0.197		0.0301	0.00589	
3	PCB-016	20.44	1.05	0.0716		0.0228	0.00332	
3	PCB-017	19.94	1.07	0.649		0.0228	0.00370	
3	PCB-018/030	19.44	1.02	0.447		0.0457	0.00605	
3	PCB-019	17.24	1.02	2.33		0.0228	0.00311	
3	PCB-020/028	23.96	1.07	0.518		0.118	0.00686	
3	PCB-021/033	24.14	1.00	0.159		0.123	0.00566	
3	PCB-022			ND		0.0868	0.00373	
3	PCB-023			ND		0.0228	0.00113	
3	PCB-024			ND		0.0228	0.00127	
3	PCB-025	23.28	1.02	0.286		0.0228	0.00147	
3	PCB-026/029	23.00	1.06	0.327		0.0457	0.00237	
3	PCB-027	20.17	1.06	0.459		0.0228	0.00102	
3	PCB-031	23.62	1.04	0.287		0.119	0.00830	
3	PCB-032	21.07	1.06	0.846		0.0228	0.00277	
3	PCB-034			ND		0.0228	0.00111	
3	PCB-035			ND		0.0228	0.00113	
3	PCB-036			ND		0.0228	0.00107	
3	PCB-037	28.32	1.10	0.0506		0.0484	0.00276	
3	PCB-038			ND		0.0228	0.00112	
3	PCB-039			ND		0.0228	0.00144	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10704779015
Lab File ID: P240918A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 00:45
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.14	0.77	1.11		0.0685	0.00469	
4	PCB-042	27.61	0.79	0.405		0.0228	0.00249	
4	PCB-043/073	26.11	0.76	0.223		0.0457	0.00225	
4	PCB-044/047/065	27.10	0.77	7.58		0.0685	0.00663	
4	PCB-045/051	24.13	0.78	5.11		0.0457	0.00343	
4	PCB-046	24.38	0.78	0.291		0.0228	0.00154	
4	PCB-048			ND		0.0228	0.00182	
4	PCB-069/049	26.50	0.77	4.33		0.0457	0.00385	
4	PCB-050/053	23.29	0.78	3.90		0.0457	0.00196	
4	PCB-052	25.95	0.78	2.63		0.118	0.0138	
4	PCB-054	20.86	0.78	1.06		0.0228	0.00104	
4	PCB-055			ND		0.0228	0.00155	
4	PCB-056	32.17	0.78	0.0452		0.0228	0.00349	
4	PCB-057			ND		0.0228	0.00104	
4	PCB-058			ND		0.0228	0.00134	
4	PCB-059/062/075	27.45	0.79	0.147		0.0685	0.00235	
4	PCB-060			ND		0.0228	0.00192	
4	PCB-061/070/074/076	31.11	0.79	0.414		0.0913	0.00824	
4	PCB-063	30.77	0.78	0.0420		0.0228	0.00089	
4	PCB-064	28.38	0.77	0.138		0.0228	0.00225	
4	PCB-066	31.47	0.79	0.492		0.0539	0.00429	
4	PCB-067			ND		0.0228	0.00126	
4	PCB-068	29.60	0.80	0.110		0.0228	0.00114	
4	PCB-072	29.29	0.79	0.0700		0.0228	0.00080	
4	PCB-077	36.06	0.84	0.0234		0.0228	0.00138	
4	PCB-078			ND		0.0228	0.00116	
4	PCB-079			ND		0.0228	0.00080	
4	PCB-080			ND		0.0228	0.00113	
4	PCB-081			ND		0.0228	0.00076	
5	PCB-082	35.68	1.55	0.0783		0.0228	0.00138	
5	PCB-083	33.77	1.58	0.109		0.0228	0.00119	
5	PCB-084	31.31	1.55	0.354		0.0228	0.00239	
5	PCB-085/116/117	35.14	1.54	0.303		0.0685	0.00316	
5	PCB-086/087/097/108/119/12	34.46	1.57	1.09		0.137	0.00604	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10704779015
Lab File ID: P240918A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 00:45
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.10	1.57	1.36		0.0457	0.00184	
5	PCB-089			ND		0.0228	0.00130	
5	PCB-090/101/113	33.29	1.57	3.36		0.0685	0.00467	
5	PCB-092	32.68	1.56	1.07		0.0228	0.00099	
5	PCB-093/098/100/102	30.43	1.55	1.15		0.0913	0.00421	
5	PCB-094	29.70	1.52	0.331		0.0228	0.00085	
5	PCB-095	30.17	1.55	2.47		0.0639	0.00641	
5	PCB-096	27.38	1.51	0.192		0.0228	0.00086	
5	PCB-099	33.90	1.55	1.48		0.0228	0.00192	
5	PCB-103	29.47	1.55	0.413		0.0228	0.00070	
5	PCB-104	26.99	1.49	0.0952		0.0228	0.00131	
5	PCB-105	39.69	1.59	0.194		0.0228	0.00293	
5	PCB-106			ND		0.0228	0.00115	
5	PCB-107/124			ND		0.0457	0.00206	
5	PCB-109	38.01	1.58	0.115		0.0228	0.00145	
5	PCB-110/115	35.35	1.56	2.04		0.0457	0.00521	
5	PCB-111			ND		0.0228	0.00090	
5	PCB-112			ND		0.0228	0.00142	
5	PCB-114			ND		0.0228	0.00116	
5	PCB-118	38.48	1.60	0.846		0.0356	0.00530	
5	PCB-120	36.57	1.51	0.0307		0.0228	0.00087	
5	PCB-121			ND		0.0228	0.00121	
5	PCB-122			ND		0.0228	0.00126	
5	PCB-123			ND		0.0228	0.00136	
5	PCB-126			ND		0.0228	0.00073	
5	PCB-127			ND		0.0228	0.00115	
6	PCB-128/166	42.98	1.24	0.323		0.0457	0.00247	
6	PCB-129/138/163	41.69	1.25	4.89		0.0685	0.00514	
6	PCB-130	41.02	1.24	0.240		0.0228	0.00126	
6	PCB-131	38.11	1.25	0.0294		0.0228	0.00151	
6	PCB-132	38.57	1.26	1.33		0.0228	0.00170	
6	PCB-133	39.09	1.26	0.135		0.0228	0.00108	
6	PCB-134/143	37.48	1.23	0.233		0.0457	0.00281	
6	PCB-135/151	36.31	1.24	2.87		0.0457	0.00307	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10704779015
Lab File ID: P240918A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 00:45
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.79	1.23	0.888		0.0228	0.00156	
6	PCB-137	41.23	1.24	0.0855		0.0228	0.00167	
6	PCB-139/140	37.91	1.28	0.0630		0.0457	0.00215	
6	PCB-141	40.60	1.24	0.980		0.0228	0.00202	
6	PCB-142			ND		0.0228	0.00140	
6	PCB-144	36.90	1.23	0.258		0.0228	0.00092	
6	PCB-145			ND		0.0228	0.00104	
6	PCB-146	39.76	1.25	0.988		0.0228	0.00129	
6	PCB-147/149	37.28	1.25	5.21		0.0457	0.00392	
6	PCB-148	35.69	1.22	0.0517		0.0228	0.00107	
6	PCB-150	33.43	1.21	0.0656		0.0228	0.00108	
6	PCB-152	33.25	1.26	0.0523		0.0228	0.00086	
6	PCB-153/168	40.40	1.24	5.08		0.0457	0.00307	
6	PCB-154	36.59	1.25	0.193		0.0228	0.00135	
6	PCB-155			ND		0.0228	0.00119	
6	PCB-156/157	45.93	1.24	0.264		0.0457	0.00169	
6	PCB-158	42.09	1.23	0.323		0.0228	0.00126	
6	PCB-159	43.92	1.28	0.0856		0.0228	0.00113	
6	PCB-160			ND		0.0228	0.00129	
6	PCB-161			ND		0.0228	0.00063	
6	PCB-162			ND		0.0228	0.00114	
6	PCB-164	41.35	1.24	0.324		0.0228	0.00142	
6	PCB-165			ND		0.0228	0.00074	
6	PCB-167	44.76	1.29	0.163		0.0228	0.00164	
6	PCB-169			ND		0.0228	0.00102	
7	PCB-170	48.62	1.05	2.08		0.0228	0.00146	
7	PCB-171/173	45.03	1.04	0.607		0.0457	0.00188	
7	PCB-172	46.67	1.03	0.419		0.0228	0.00456	
7	PCB-174	43.92	1.02	2.23		0.0228	0.00164	
7	PCB-175	42.78	1.20	0.0787		0.0228	0.00108	
7	PCB-176	40.26	1.02	0.268		0.0228	0.00090	
7	PCB-177	44.37	1.03	1.36		0.0228	0.00187	
7	PCB-178	42.12	1.06	0.543		0.0228	0.00120	
7	PCB-179	39.34	1.04	1.07		0.0228	0.00142	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10704779015
Lab File ID: P240918A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 00:45
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.34	1.03	4.98		0.0457	0.00416	
7	PCB-181			ND		0.0228	0.00151	
7	PCB-182			ND		0.0228	0.00124	
7	PCB-183/185	43.70	1.04	1.45		0.0457	0.00276	
7	PCB-184			ND		0.0228	0.00064	
7	PCB-186			ND		0.0228	0.00150	
7	PCB-187	43.06	1.05	2.68		0.0228	0.00169	
7	PCB-188			ND		0.0228	0.00072	
7	PCB-189	51.81	1.06	0.0778		0.0228	0.00114	
7	PCB-190	49.17	1.04	0.485		0.0228	0.00159	
7	PCB-191	47.69	0.99	0.0871		0.0228	0.00146	
7	PCB-192			ND		0.0228	0.00147	
8	PCB-194	53.92	0.88	1.21		0.0228	0.00118	
8	PCB-195	51.55	0.87	0.522		0.0228	0.00151	
8	PCB-196	49.99	0.89	0.599		0.0228	0.00113	
8	PCB-197/200	46.47	0.89	0.185		0.0457	0.00191	
8	PCB-198/199	49.32	0.89	1.13		0.0457	0.00198	
8	PCB-201	45.45	0.92	0.125		0.0228	0.00058	
8	PCB-202	44.49	0.91	0.209		0.0228	0.00122	
8	PCB-203	50.21	0.88	0.751		0.0228	0.00103	
8	PCB-204			ND		0.0228	0.00118	
8	PCB-205	54.42	0.92	0.0599		0.0228	0.00142	
9	PCB-206	56.17	0.78	0.226		0.0228	0.00202	
9	PCB-207	52.26	0.74	0.0325		0.0228	0.00136	
9	PCB-208	51.32	0.75	0.0443		0.0228	0.00121	
10	PCB-209			ND		0.0228	0.00715	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10704779015
Lab File ID: P240918A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 08/14/2024 16:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 00:45
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

Homologue	Concentration (ng/L)	Q
Total MoCB	0.0828	
Total DiCB	2.99	B
Total TrCB	6.43	
Total TeCB	28.1	
Total PeCB	17.1	
Total HxCB	25.1	
Total HpCB	18.4	
Total OcCB	4.79	
Total NoCB	0.303	
DeCB	ND	
Total PCBs	103	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10704779016
Lab File ID: P240918A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 08/15/2024 13:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 01:46
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114728

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.22	3.05	2.00	1.16	58	
1	PCB-003L	13.05	3.15	2.00	1.43	71	
2	PCB-004L	13.36	1.51	2.00	1.51	75	
2	PCB-015L	20.53	1.56	2.00	1.47	73	
3	PCB-019L	17.19	1.04	2.00	1.47	73	
3	PCB-037L	28.30	1.05	2.00	1.45	73	
4	PCB-054L	20.86	0.80	2.00	1.32	66	
4	PCB-077L	36.03	0.79	2.00	1.55	78	
4	PCB-081L	35.46	0.79	2.00	1.58	79	
5	PCB-104L	26.97	1.57	2.00	1.53	77	
5	PCB-105L	39.65	1.58	2.00	1.47	74	
5	PCB-114L	39.00	1.62	2.00	1.50	75	
5	PCB-118L	38.44	1.59	2.00	1.47	73	
5	PCB-123L	38.11	1.61	2.00	1.48	74	
5	PCB-126L	42.84	1.60	2.00	1.52	76	
6	PCB-155L	33.04	1.25	2.00	1.60	80	
6	PCB-156/157L	45.91	1.29	4.00	3.09	77	
6	PCB-167L	44.74	1.30	2.00	1.55	77	
6	PCB-169L	49.21	1.29	2.00	1.57	79	
7	PCB-188L	38.98	1.05	2.00	1.56	78	
7	PCB-189L	51.78	1.07	2.00	1.55	77	
8	PCB-202L	44.47	0.92	2.00	1.42	71	
8	PCB-205L	54.37	0.90	2.00	1.46	73	
9	PCB-206L	56.14	0.80	2.00	1.49	75	
9	PCB-208L	51.29	0.80	2.00	1.50	75	
10	PCB-209L	57.75	0.70	2.00	1.50	75	
Recovery Standards							
2	PCB-009L	15.82	1.57	2.00	2.01	N/A	
4	PCB-052L	25.92	0.78	2.00	2.37	N/A	
5	PCB-101L	33.26	1.56	2.00	2.39	N/A	
6	PCB-138L	41.65	1.26	2.00	2.39	N/A	
8	PCB-194L	53.90	0.91	2.00	2.41	N/A	
Cleanup Standards							
3	PCB-028L	23.93	1.05	2.00	1.35	67	
5	PCB-111L	36.08	1.55	2.00	1.47	74	
7	PCB-178L	42.10	1.02	2.00	1.67	84	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10704779016
Lab File ID: P240918A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 08/15/2024 13:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 01:46
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.23	3.07	0.0821		0.0238	0.00423	
1	PCB-002			ND		0.0238	0.00430	
1	PCB-003			ND		0.0238	0.00800	
2	PCB-004	13.37	1.54	4.46		0.0238	0.00538	
2	PCB-005			ND		0.0238	0.00575	
2	PCB-006	16.33	1.61	0.0604		0.0238	0.00292	
2	PCB-007			ND		0.0238	0.00279	
2	PCB-008	16.86	1.54	0.0784	U	0.0238	0.00569	
2	PCB-009			ND		0.0238	0.00112	
2	PCB-010	13.59	1.49	0.167		0.0238	0.00129	
2	PCB-011			ND		0.233	0.0620	
2	PCB-012/013			ND		0.0476	0.00312	
2	PCB-014			ND		0.0238	0.00109	
2	PCB-015	20.55	1.58	0.163		0.0314	0.00614	
3	PCB-016	20.48	1.03	0.0488		0.0238	0.00346	
3	PCB-017	19.93	1.03	0.348		0.0238	0.00386	
3	PCB-018/030	19.43	1.01	0.345		0.0476	0.00631	
3	PCB-019	17.22	1.03	3.32		0.0238	0.00324	
3	PCB-020/028	23.96	1.06	0.175		0.123	0.00715	
3	PCB-021/033			ND		0.129	0.00590	
3	PCB-022			ND		0.0905	0.00389	
3	PCB-023			ND		0.0238	0.00118	
3	PCB-024			ND		0.0238	0.00132	
3	PCB-025	23.28	1.05	0.141		0.0238	0.00154	
3	PCB-026/029	23.00	1.08	0.208		0.0476	0.00248	
3	PCB-027	20.19	1.00	0.507		0.0238	0.00106	
3	PCB-031	23.62	1.08	0.160		0.124	0.00865	
3	PCB-032	21.08	1.06	0.511		0.0238	0.00289	
3	PCB-034			ND		0.0238	0.00116	
3	PCB-035			ND		0.0238	0.00118	
3	PCB-036			ND		0.0238	0.00111	
3	PCB-037			ND		0.0505	0.00288	
3	PCB-038			ND		0.0238	0.00117	
3	PCB-039			ND		0.0238	0.00150	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10704779016
Lab File ID: P240918A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 08/15/2024 13:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 01:46
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.13	0.77	0.374		0.0714	0.00489	
4	PCB-042	27.61	0.76	0.123		0.0238	0.00260	
4	PCB-043/073	26.11	0.89	0.111		0.0476	0.00235	
4	PCB-044/047/065	27.10	0.77	3.45		0.0714	0.00692	
4	PCB-045/051	24.13	0.77	2.86		0.0476	0.00357	
4	PCB-046	24.37	0.74	0.102		0.0238	0.00161	
4	PCB-048			ND		0.0238	0.00189	
4	PCB-069/049	26.49	0.79	2.01		0.0476	0.00401	
4	PCB-050/053	23.29	0.77	1.95		0.0476	0.00205	
4	PCB-052	25.95	0.77	1.72		0.123	0.0144	
4	PCB-054	20.88	0.78	0.762		0.0238	0.00109	
4	PCB-055			ND		0.0238	0.00162	
4	PCB-056	32.16	0.79	0.0270		0.0238	0.00364	
4	PCB-057			ND		0.0238	0.00109	
4	PCB-058			ND		0.0238	0.00139	
4	PCB-059/062/075	27.44	0.78	0.0724		0.0714	0.00245	
4	PCB-060			ND		0.0238	0.00200	
4	PCB-061/070/074/076	31.11	0.80	0.226		0.0952	0.00860	
4	PCB-063			ND		0.0238	0.00093	
4	PCB-064	28.38	0.77	0.0745		0.0238	0.00235	
4	PCB-066	31.45	0.78	0.178		0.0562	0.00448	
4	PCB-067			ND		0.0238	0.00131	
4	PCB-068	29.59	0.79	0.0381		0.0238	0.00119	
4	PCB-072	29.28	0.81	0.0253		0.0238	0.00083	
4	PCB-077			ND		0.0238	0.00144	
4	PCB-078			ND		0.0238	0.00121	
4	PCB-079			ND		0.0238	0.00083	
4	PCB-080			ND		0.0238	0.00117	
4	PCB-081			ND		0.0238	0.00079	
5	PCB-082	35.67	1.55	0.0484		0.0238	0.00144	
5	PCB-083	33.75	1.57	0.0424		0.0238	0.00124	
5	PCB-084	31.31	1.57	0.204		0.0238	0.00249	
5	PCB-085/116/117	35.13	1.58	0.150		0.0714	0.00330	
5	PCB-086/087/097/108/119/12	34.45	1.59	0.582		0.143	0.00630	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10704779016
Lab File ID: P240918A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 08/15/2024 13:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 01:46
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.09	1.54	0.581		0.0476	0.00192	
5	PCB-089			ND		0.0238	0.00136	
5	PCB-090/101/113	33.29	1.56	1.77		0.0714	0.00487	
5	PCB-092	32.67	1.55	0.448		0.0238	0.00103	
5	PCB-093/098/100/102	30.43	1.59	0.632		0.0952	0.00439	
5	PCB-094	29.70	1.52	0.122		0.0238	0.00088	
5	PCB-095	30.17	1.55	1.54		0.0667	0.00668	
5	PCB-096	27.38	1.57	0.0819		0.0238	0.00090	
5	PCB-099	33.91	1.57	0.635		0.0238	0.00200	
5	PCB-103	29.47	1.56	0.211		0.0238	0.00073	
5	PCB-104	26.99	1.52	0.0709		0.0238	0.00137	
5	PCB-105	39.69	1.59	0.127		0.0238	0.00306	
5	PCB-106			ND		0.0238	0.00120	
5	PCB-107/124			ND		0.0476	0.00214	
5	PCB-109	38.01	1.54	0.0446		0.0238	0.00151	
5	PCB-110/115	35.35	1.53	1.13		0.0476	0.00543	
5	PCB-111			ND		0.0238	0.00093	
5	PCB-112			ND		0.0238	0.00148	
5	PCB-114			ND		0.0238	0.00121	
5	PCB-118	38.48	1.60	0.459		0.0371	0.00552	
5	PCB-120			ND		0.0238	0.00091	
5	PCB-121			ND		0.0238	0.00126	
5	PCB-122			ND		0.0238	0.00131	
5	PCB-123			ND		0.0238	0.00142	
5	PCB-126			ND		0.0238	0.00076	
5	PCB-127			ND		0.0238	0.00120	
6	PCB-128/166	42.97	1.24	0.159		0.0476	0.00257	
6	PCB-129/138/163	41.68	1.24	2.44		0.0714	0.00536	
6	PCB-130	41.01	1.22	0.0988		0.0238	0.00131	
6	PCB-131			ND		0.0238	0.00157	
6	PCB-132	38.56	1.24	0.712		0.0238	0.00177	
6	PCB-133	39.08	1.25	0.0615		0.0238	0.00112	
6	PCB-134/143	37.47	1.25	0.125		0.0476	0.00293	
6	PCB-135/151	36.31	1.24	1.52		0.0476	0.00320	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10704779016
Lab File ID: P240918A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 08/15/2024 13:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 01:46
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.79	1.22	0.494		0.0238	0.00163	
6	PCB-137	41.23	1.20	0.0378		0.0238	0.00174	
6	PCB-139/140			ND		0.0476	0.00224	
6	PCB-141	40.59	1.23	0.524		0.0238	0.00211	
6	PCB-142			ND		0.0238	0.00146	
6	PCB-144	36.89	1.24	0.155		0.0238	0.00096	
6	PCB-145			ND		0.0238	0.00109	
6	PCB-146	39.75	1.26	0.440		0.0238	0.00135	
6	PCB-147/149	37.27	1.24	2.79		0.0476	0.00408	
6	PCB-148	35.69	1.19	0.0272		0.0238	0.00111	
6	PCB-150	33.43	1.25	0.0317		0.0238	0.00113	
6	PCB-152			ND		0.0238	0.00090	
6	PCB-153/168	40.39	1.25	2.48		0.0476	0.00320	
6	PCB-154	36.59	1.22	0.0934		0.0238	0.00140	
6	PCB-155			ND		0.0238	0.00124	
6	PCB-156/157	45.93	1.25	0.134		0.0476	0.00176	
6	PCB-158	42.08	1.27	0.177		0.0238	0.00131	
6	PCB-159	43.93	1.30	0.0402		0.0238	0.00118	
6	PCB-160			ND		0.0238	0.00135	
6	PCB-161			ND		0.0238	0.00066	
6	PCB-162			ND		0.0238	0.00119	
6	PCB-164	41.35	1.24	0.160		0.0238	0.00148	
6	PCB-165			ND		0.0238	0.00077	
6	PCB-167	44.75	1.32	0.0687		0.0238	0.00171	
6	PCB-169			ND		0.0238	0.00107	
7	PCB-170	48.61	1.02	0.893		0.0238	0.00152	
7	PCB-171/173	45.02	1.03	0.274		0.0476	0.00196	
7	PCB-172	46.67	1.01	0.179		0.0238	0.00475	
7	PCB-174	43.92	1.03	1.04		0.0238	0.00171	
7	PCB-175	42.77	1.06	0.0393		0.0238	0.00113	
7	PCB-176	40.26	1.02	0.133		0.0238	0.00094	
7	PCB-177	44.37	1.03	0.626		0.0238	0.00195	
7	PCB-178	42.12	1.00	0.254		0.0238	0.00125	
7	PCB-179	39.33	1.04	0.513		0.0238	0.00148	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10704779016
Lab File ID: P240918A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 08/15/2024 13:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 01:46
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.34	1.04	2.20		0.0476	0.00433	
7	PCB-181			ND		0.0238	0.00157	
7	PCB-182			ND		0.0238	0.00130	
7	PCB-183/185	43.70	1.03	0.676		0.0476	0.00288	
7	PCB-184			ND		0.0238	0.00066	
7	PCB-186			ND		0.0238	0.00156	
7	PCB-187	43.06	1.02	1.25		0.0238	0.00176	
7	PCB-188			ND		0.0238	0.00075	
7	PCB-189	51.81	1.03	0.0323		0.0238	0.00119	
7	PCB-190	49.16	1.05	0.219		0.0238	0.00165	
7	PCB-191	47.69	1.04	0.0394		0.0238	0.00152	
7	PCB-192			ND		0.0238	0.00154	
8	PCB-194	53.92	0.92	0.518		0.0238	0.00123	
8	PCB-195	51.57	0.88	0.224		0.0238	0.00157	
8	PCB-196	49.98	0.91	0.264		0.0238	0.00117	
8	PCB-197/200	46.46	0.89	0.0833		0.0476	0.00199	
8	PCB-198/199	49.33	0.93	0.491		0.0476	0.00206	
8	PCB-201	45.44	0.92	0.0587		0.0238	0.00060	
8	PCB-202	44.50	0.89	0.0955		0.0238	0.00127	
8	PCB-203	50.20	0.89	0.329		0.0238	0.00107	
8	PCB-204			ND		0.0238	0.00123	
8	PCB-205	54.41	0.92	0.0254		0.0238	0.00148	
9	PCB-206	56.16	0.79	0.102		0.0238	0.00211	
9	PCB-207			ND		0.0238	0.00142	
9	PCB-208			ND		0.0238	0.00126	
10	PCB-209			ND		0.0238	0.00745	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10704779016
Lab File ID: P240918A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 08/15/2024 13:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 01:46
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240918A02
CCal File(s): P240918A_03

Homologue	Concentration (ng/L)	Q
Total MoCB	0.0821	
Total DiCB	4.93	B
Total TrCB	5.76	
Total TeCB	14.1	B
Total PeCB	8.89	
Total HxCB	12.8	
Total HpCB	8.36	
Total OcCB	2.09	
Total NoCB	0.102	
DeCB	ND	
Total PCBs	57.1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10704779017
Lab File ID: P240919A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 08/15/2024 14:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 06:53
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114728

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.25	3.03	2.00	1.23	62	
1	PCB-003L	13.06	3.07	2.00	1.45	72	
2	PCB-004L	13.37	1.53	2.00	1.49	74	
2	PCB-015L	20.49	1.58	2.00	1.67	83	
3	PCB-019L	17.19	1.04	2.00	1.46	73	
3	PCB-037L	28.29	1.08	2.00	1.59	80	
4	PCB-054L	20.82	0.78	2.00	1.31	65	
4	PCB-077L	36.03	0.79	2.00	1.81	90	
4	PCB-081L	35.44	0.79	2.00	1.84	92	
5	PCB-104L	26.96	1.56	2.00	1.51	75	
5	PCB-105L	39.65	1.58	2.00	1.69	85	
5	PCB-114L	39.00	1.60	2.00	1.71	86	
5	PCB-118L	38.45	1.59	2.00	1.71	86	
5	PCB-123L	38.09	1.57	2.00	1.72	86	
5	PCB-126L	42.82	1.60	2.00	1.68	84	
6	PCB-155L	33.03	1.27	2.00	1.51	76	
6	PCB-156/157L	45.91	1.30	4.00	3.29	82	
6	PCB-167L	44.72	1.28	2.00	1.63	81	
6	PCB-169L	49.20	1.28	2.00	1.63	82	
7	PCB-188L	38.97	1.05	2.00	1.60	80	
7	PCB-189L	51.76	1.07	2.00	1.60	80	
8	PCB-202L	44.45	0.87	2.00	1.56	78	
8	PCB-205L	54.37	0.90	2.00	1.55	78	
9	PCB-206L	56.12	0.80	2.00	1.64	82	
9	PCB-208L	51.27	0.78	2.00	1.65	82	
10	PCB-209L	57.76	0.69	2.00	1.70	85	
Recovery Standards							
2	PCB-009L	15.83	1.57	2.00	1.80	N/A	
4	PCB-052L	25.92	0.78	2.00	2.16	N/A	
5	PCB-101L	33.24	1.56	2.00	2.22	N/A	
6	PCB-138L	41.63	1.26	2.00	2.42	N/A	
8	PCB-194L	53.88	0.90	2.00	2.46	N/A	
Cleanup Standards							
3	PCB-028L	23.93	1.05	2.00	1.35	67	
5	PCB-111L	36.06	1.61	2.00	1.55	77	
7	PCB-178L	42.08	1.06	2.00	1.65	83	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10704779017
Lab File ID: P240919A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 08/15/2024 14:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 06:53
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.26	3.19	0.0678		0.0224	0.00398	
1	PCB-002			ND		0.0224	0.00405	
1	PCB-003			ND		0.0224	0.00754	
2	PCB-004	13.39	1.54	4.72		0.0224	0.00507	
2	PCB-005			ND		0.0224	0.00542	
2	PCB-006	16.34	1.62	0.0615		0.0224	0.00275	
2	PCB-007			ND		0.0224	0.00263	
2	PCB-008	16.86	1.54	0.0698	U	0.0224	0.00536	
2	PCB-009			ND		0.0224	0.00106	
2	PCB-010	13.62	1.51	0.168		0.0224	0.00121	
2	PCB-011			ND		0.220	0.0585	
2	PCB-012/013			ND		0.0449	0.00294	
2	PCB-014			ND		0.0224	0.00103	
2	PCB-015	20.51	1.54	0.152		0.0296	0.00579	
3	PCB-016	20.43	1.07	0.0431		0.0224	0.00327	
3	PCB-017	19.91	1.04	0.546		0.0224	0.00364	
3	PCB-018/030	19.43	1.04	0.289		0.0449	0.00595	
3	PCB-019	17.22	1.05	3.34		0.0224	0.00305	
3	PCB-020/028	23.94	1.05	0.124		0.116	0.00674	
3	PCB-021/033			ND		0.121	0.00557	
3	PCB-022			ND		0.0853	0.00367	
3	PCB-023			ND		0.0224	0.00111	
3	PCB-024			ND		0.0224	0.00125	
3	PCB-025	23.26	1.07	0.117		0.0224	0.00145	
3	PCB-026/029	23.00	1.05	0.179		0.0449	0.00233	
3	PCB-027	20.16	1.04	0.467		0.0224	0.00100	
3	PCB-031	23.60	1.08	0.129		0.117	0.00816	
3	PCB-032	21.05	1.06	0.378		0.0224	0.00273	
3	PCB-034			ND		0.0224	0.00109	
3	PCB-035			ND		0.0224	0.00111	
3	PCB-036			ND		0.0224	0.00105	
3	PCB-037			ND		0.0476	0.00272	
3	PCB-038			ND		0.0224	0.00110	
3	PCB-039			ND		0.0224	0.00141	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10704779017
Lab File ID: P240919A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 08/15/2024 14:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 06:53
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.13	0.77	0.260		0.0673	0.00461	
4	PCB-042	27.59	0.78	0.0876		0.0224	0.00245	
4	PCB-043/073	26.11	0.74	0.0784		0.0449	0.00221	
4	PCB-044/047/065	27.08	0.76	2.24		0.0673	0.00652	
4	PCB-045/051	24.13	0.78	1.79		0.0449	0.00337	
4	PCB-046	24.37	0.78	0.0711		0.0224	0.00151	
4	PCB-048			ND		0.0224	0.00178	
4	PCB-069/049	26.48	0.76	1.47		0.0449	0.00378	
4	PCB-050/053	23.28	0.77	1.42		0.0449	0.00193	
4	PCB-052	25.94	0.78	1.40		0.116	0.0136	
4	PCB-054	20.85	0.78	0.639		0.0224	0.00103	
4	PCB-055			ND		0.0224	0.00153	
4	PCB-056			ND		0.0224	0.00343	
4	PCB-057			ND		0.0224	0.00103	
4	PCB-058			ND		0.0224	0.00131	
4	PCB-059/062/075			ND		0.0673	0.00231	
4	PCB-060			ND		0.0224	0.00189	
4	PCB-061/070/074/076	31.09	0.81	0.191		0.0898	0.00810	
4	PCB-063			ND		0.0224	0.00088	
4	PCB-064	28.36	0.75	0.0632		0.0224	0.00221	
4	PCB-066	31.45	0.81	0.132		0.0530	0.00422	
4	PCB-067			ND		0.0224	0.00123	
4	PCB-068	29.58	0.81	0.0235		0.0224	0.00112	
4	PCB-072			ND		0.0224	0.00079	
4	PCB-077			ND		0.0224	0.00136	
4	PCB-078			ND		0.0224	0.00114	
4	PCB-079			ND		0.0224	0.00079	
4	PCB-080			ND		0.0224	0.00111	
4	PCB-081			ND		0.0224	0.00075	
5	PCB-082	35.67	1.56	0.0428		0.0224	0.00136	
5	PCB-083	33.77	1.62	0.0430		0.0224	0.00117	
5	PCB-084	31.31	1.55	0.177		0.0224	0.00235	
5	PCB-085/116/117	35.13	1.55	0.120		0.0673	0.00311	
5	PCB-086/087/097/108/119/12	34.45	1.57	0.488		0.135	0.00594	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10704779017
Lab File ID: P240919A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 08/15/2024 14:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 06:53
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.09	1.58	0.435		0.0449	0.00181	
5	PCB-089			ND		0.0224	0.00128	
5	PCB-090/101/113	33.28	1.56	1.50		0.0673	0.00459	
5	PCB-092	32.66	1.53	0.357		0.0224	0.00097	
5	PCB-093/098/100/102	30.43	1.53	0.451		0.0898	0.00414	
5	PCB-094	29.69	1.57	0.0803		0.0224	0.00083	
5	PCB-095	30.15	1.55	1.32		0.0628	0.00629	
5	PCB-096	27.36	1.52	0.0564		0.0224	0.00084	
5	PCB-099	33.89	1.57	0.484		0.0224	0.00189	
5	PCB-103	29.47	1.56	0.151		0.0224	0.00069	
5	PCB-104	26.99	1.57	0.0545		0.0224	0.00129	
5	PCB-105	39.67	1.57	0.101		0.0224	0.00288	
5	PCB-106			ND		0.0224	0.00113	
5	PCB-107/124			ND		0.0449	0.00202	
5	PCB-109	37.99	1.61	0.0340		0.0224	0.00143	
5	PCB-110/115	35.33	1.55	1.00		0.0449	0.00512	
5	PCB-111			ND		0.0224	0.00088	
5	PCB-112			ND		0.0224	0.00139	
5	PCB-114			ND		0.0224	0.00114	
5	PCB-118	38.46	1.59	0.360		0.0350	0.00521	
5	PCB-120			ND		0.0224	0.00086	
5	PCB-121			ND		0.0224	0.00119	
5	PCB-122			ND		0.0224	0.00123	
5	PCB-123			ND		0.0224	0.00134	
5	PCB-126			ND		0.0224	0.00071	
5	PCB-127			ND		0.0224	0.00113	
6	PCB-128/166	42.96	1.27	0.156		0.0449	0.00242	
6	PCB-129/138/163	41.66	1.24	2.41		0.0673	0.00505	
6	PCB-130	40.99	1.24	0.0944		0.0224	0.00123	
6	PCB-131			ND		0.0224	0.00148	
6	PCB-132	38.56	1.24	0.686		0.0224	0.00167	
6	PCB-133	39.08	1.22	0.0551		0.0224	0.00106	
6	PCB-134/143	37.47	1.23	0.116		0.0449	0.00276	
6	PCB-135/151	36.29	1.25	1.44		0.0449	0.00302	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10704779017
Lab File ID: P240919A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 08/15/2024 14:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 06:53
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.79	1.23	0.474		0.0224	0.00154	
6	PCB-137	41.23	1.18	0.0279		0.0224	0.00164	
6	PCB-139/140			ND		0.0449	0.00211	
6	PCB-141	40.57	1.25	0.565		0.0224	0.00199	
6	PCB-142			ND		0.0224	0.00138	
6	PCB-144	36.90	1.25	0.153		0.0224	0.00090	
6	PCB-145			ND		0.0224	0.00103	
6	PCB-146	39.75	1.23	0.421		0.0224	0.00127	
6	PCB-147/149	37.25	1.24	2.73		0.0449	0.00385	
6	PCB-148	35.69	1.19	0.0238		0.0224	0.00105	
6	PCB-150	33.41	1.22	0.0264		0.0224	0.00106	
6	PCB-152			ND		0.0224	0.00085	
6	PCB-153/168	40.39	1.24	2.61		0.0449	0.00302	
6	PCB-154	36.57	1.21	0.0819		0.0224	0.00132	
6	PCB-155			ND		0.0224	0.00117	
6	PCB-156/157	45.91	1.30	0.131		0.0449	0.00166	
6	PCB-158	42.07	1.24	0.179		0.0224	0.00123	
6	PCB-159	43.92	1.31	0.0457		0.0224	0.00111	
6	PCB-160			ND		0.0224	0.00127	
6	PCB-161			ND		0.0224	0.00062	
6	PCB-162			ND		0.0224	0.00112	
6	PCB-164	41.33	1.25	0.170		0.0224	0.00139	
6	PCB-165			ND		0.0224	0.00072	
6	PCB-167	44.76	1.32	0.0624		0.0224	0.00162	
6	PCB-169			ND		0.0224	0.00101	
7	PCB-170	48.61	1.05	1.03		0.0224	0.00144	
7	PCB-171/173	45.01	1.06	0.318		0.0449	0.00185	
7	PCB-172	46.65	1.05	0.200		0.0224	0.00448	
7	PCB-174	43.92	1.02	1.19		0.0224	0.00162	
7	PCB-175	42.77	1.01	0.0495		0.0224	0.00107	
7	PCB-176	40.24	1.07	0.162		0.0224	0.00089	
7	PCB-177	44.37	1.04	0.736		0.0224	0.00184	
7	PCB-178	42.12	1.07	0.298		0.0224	0.00118	
7	PCB-179	39.33	1.02	0.579		0.0224	0.00139	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10704779017
Lab File ID: P240919A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 08/15/2024 14:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 06:53
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.32	1.03	2.62		0.0449	0.00408	
7	PCB-181			ND		0.0224	0.00148	
7	PCB-182			ND		0.0224	0.00122	
7	PCB-183/185	43.68	1.02	0.839		0.0449	0.00272	
7	PCB-184			ND		0.0224	0.00063	
7	PCB-186			ND		0.0224	0.00147	
7	PCB-187	43.04	1.04	1.55		0.0224	0.00166	
7	PCB-188			ND		0.0224	0.00071	
7	PCB-189	51.79	1.07	0.0373		0.0224	0.00112	
7	PCB-190	49.15	1.04	0.246		0.0224	0.00156	
7	PCB-191	47.69	1.07	0.0453		0.0224	0.00144	
7	PCB-192			ND		0.0224	0.00145	
8	PCB-194	53.92	0.90	0.666		0.0224	0.00116	
8	PCB-195	51.55	0.89	0.284		0.0224	0.00148	
8	PCB-196	49.99	0.91	0.356		0.0224	0.00111	
8	PCB-197/200	46.45	0.90	0.120		0.0449	0.00187	
8	PCB-198/199	49.32	0.92	0.644		0.0449	0.00194	
8	PCB-201	45.44	0.92	0.0899		0.0224	0.00057	
8	PCB-202	44.49	0.92	0.126		0.0224	0.00120	
8	PCB-203	50.19	0.88	0.431		0.0224	0.00101	
8	PCB-204			ND		0.0224	0.00116	
8	PCB-205	54.39	0.90	0.0354		0.0224	0.00139	
9	PCB-206	56.14	0.77	0.151		0.0224	0.00199	
9	PCB-207			ND		0.0224	0.00134	
9	PCB-208	51.29	0.73	0.0302		0.0224	0.00119	
10	PCB-209			ND		0.0224	0.00702	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10704779017
Lab File ID: P240919A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 08/15/2024 14:30
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 06:53
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.0678	
Total DiCB	5.17	B
Total TrCB	5.61	B
Total TeCB	9.86	
Total PeCB	7.26	
Total HxCB	12.7	
Total HpCB	9.90	
Total OcCB	2.75	
Total NoCB	0.181	
DeCB	ND	
Total PCBs	53.5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Pomeray Avenue Bridge**
Lab Sample ID: 10704779018
Lab File ID: P240919A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 08/16/2024 13:45
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 07:55
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114728

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.19	3.10	2.00	1.13	57	
1	PCB-003L	13.03	3.10	2.00	1.37	68	
2	PCB-004L	13.32	1.53	2.00	1.35	68	
2	PCB-015L	20.47	1.60	2.00	1.53	77	
3	PCB-019L	17.17	1.03	2.00	1.35	68	
3	PCB-037L	28.29	1.04	2.00	1.49	75	
4	PCB-054L	20.80	0.77	2.00	1.23	61	
4	PCB-077L	36.03	0.80	2.00	1.68	84	
4	PCB-081L	35.44	0.79	2.00	1.68	84	
5	PCB-104L	26.96	1.57	2.00	1.39	69	
5	PCB-105L	39.65	1.61	2.00	1.54	77	
5	PCB-114L	39.00	1.59	2.00	1.55	77	
5	PCB-118L	38.43	1.58	2.00	1.54	77	
5	PCB-123L	38.09	1.60	2.00	1.53	77	
5	PCB-126L	42.82	1.59	2.00	1.56	78	
6	PCB-155L	33.03	1.26	2.00	1.33	66	
6	PCB-156/157L	45.90	1.29	4.00	2.92	73	
6	PCB-167L	44.72	1.28	2.00	1.48	74	
6	PCB-169L	49.20	1.29	2.00	1.48	74	
7	PCB-188L	38.97	1.05	2.00	1.51	75	
7	PCB-189L	51.77	1.06	2.00	1.50	75	
8	PCB-202L	44.46	0.89	2.00	1.49	75	
8	PCB-205L	54.38	0.88	2.00	1.52	76	
9	PCB-206L	56.12	0.77	2.00	1.52	76	
9	PCB-208L	51.27	0.78	2.00	1.58	79	
10	PCB-209L	57.74	0.68	2.00	1.57	78	
Recovery Standards							
2	PCB-009L	15.80	1.58	2.00	1.85	N/A	
4	PCB-052L	25.91	0.78	2.00	2.12	N/A	
5	PCB-101L	33.25	1.59	2.00	2.22	N/A	
6	PCB-138L	41.63	1.27	2.00	2.40	N/A	
8	PCB-194L	53.88	0.91	2.00	2.33	N/A	
Cleanup Standards							
3	PCB-028L	23.91	1.05	2.00	1.37	69	
5	PCB-111L	36.06	1.56	2.00	1.54	77	
7	PCB-178L	42.09	1.04	2.00	1.66	83	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeray Avenue Bridge**
Lab Sample ID: 10704779018
Lab File ID: P240919A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 08/16/2024 13:45
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 07:55
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0217	0.00385	
1	PCB-002			ND		0.0217	0.00392	
1	PCB-003			ND		0.0217	0.00729	
2	PCB-004	13.34	1.54	5.61		0.0217	0.00490	
2	PCB-005			ND		0.0217	0.00524	
2	PCB-006	16.31	1.54	0.0437		0.0217	0.00266	
2	PCB-007			ND		0.0217	0.00254	
2	PCB-008	16.84	1.48	0.0431	U	0.0217	0.00519	
2	PCB-009			ND		0.0217	0.00103	
2	PCB-010	13.57	1.53	0.182		0.0217	0.00117	
2	PCB-011			ND		0.213	0.0565	
2	PCB-012/013			ND		0.0434	0.00284	
2	PCB-014			ND		0.0217	0.00099	
2	PCB-015	20.49	1.56	0.109		0.0286	0.00560	
3	PCB-016	20.41	1.05	0.0793		0.0217	0.00316	
3	PCB-017	19.90	1.05	0.339		0.0217	0.00352	
3	PCB-018/030	19.41	1.04	0.310		0.0434	0.00575	
3	PCB-019	17.19	1.06	1.40		0.0217	0.00295	
3	PCB-020/028			ND		0.112	0.00652	
3	PCB-021/033			ND		0.117	0.00538	
3	PCB-022			ND		0.0825	0.00355	
3	PCB-023			ND		0.0217	0.00108	
3	PCB-024			ND		0.0217	0.00120	
3	PCB-025	23.26	1.06	0.0514		0.0217	0.00140	
3	PCB-026/029	22.98	1.06	0.131		0.0434	0.00226	
3	PCB-027	20.13	1.06	0.322		0.0217	0.00096	
3	PCB-031			ND		0.113	0.00789	
3	PCB-032	21.03	1.08	0.151		0.0217	0.00264	
3	PCB-034			ND		0.0217	0.00106	
3	PCB-035			ND		0.0217	0.00107	
3	PCB-036			ND		0.0217	0.00101	
3	PCB-037			ND		0.0460	0.00263	
3	PCB-038			ND		0.0217	0.00107	
3	PCB-039			ND		0.0217	0.00137	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeray Avenue Bridge**
Lab Sample ID: 10704779018
Lab File ID: P240919A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 08/16/2024 13:45
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 07:55
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.12	0.78	0.0807		0.0651	0.00446	
4	PCB-042	27.59	0.76	0.0391		0.0217	0.00237	
4	PCB-043/073			ND		0.0434	0.00214	
4	PCB-044/047/065	27.05	0.78	0.379		0.0651	0.00630	
4	PCB-045/051	24.11	0.78	0.204		0.0434	0.00326	
4	PCB-046	24.36	0.79	0.0334		0.0217	0.00146	
4	PCB-048			ND		0.0217	0.00173	
4	PCB-069/049	26.48	0.77	0.300		0.0434	0.00366	
4	PCB-050/053	23.28	0.79	0.310		0.0434	0.00187	
4	PCB-052	25.94	0.78	0.659		0.112	0.0131	
4	PCB-054	20.83	0.78	0.0918		0.0217	0.00099	
4	PCB-055			ND		0.0217	0.00148	
4	PCB-056			ND		0.0217	0.00332	
4	PCB-057			ND		0.0217	0.00099	
4	PCB-058			ND		0.0217	0.00127	
4	PCB-059/062/075			ND		0.0651	0.00224	
4	PCB-060			ND		0.0217	0.00182	
4	PCB-061/070/074/076	31.10	0.79	0.106		0.0868	0.00783	
4	PCB-063			ND		0.0217	0.00085	
4	PCB-064	28.37	0.78	0.0563		0.0217	0.00214	
4	PCB-066			ND		0.0512	0.00408	
4	PCB-067			ND		0.0217	0.00119	
4	PCB-068			ND		0.0217	0.00109	
4	PCB-072			ND		0.0217	0.00076	
4	PCB-077			ND		0.0217	0.00131	
4	PCB-078			ND		0.0217	0.00111	
4	PCB-079			ND		0.0217	0.00076	
4	PCB-080			ND		0.0217	0.00107	
4	PCB-081			ND		0.0217	0.00072	
5	PCB-082			ND		0.0217	0.00131	
5	PCB-083			ND		0.0217	0.00113	
5	PCB-084	31.31	1.57	0.0675		0.0217	0.00227	
5	PCB-085/116/117			ND		0.0651	0.00301	
5	PCB-086/087/097/108/119/12			ND		0.130	0.00574	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeray Avenue Bridge**
Lab Sample ID: 10704779018
Lab File ID: P240919A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 08/16/2024 13:45
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 07:55
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.08	1.51	0.0456		0.0434	0.00175	
5	PCB-089			ND		0.0217	0.00124	
5	PCB-090/101/113	33.28	1.52	0.245		0.0651	0.00444	
5	PCB-092	32.66	1.58	0.0420		0.0217	0.00094	
5	PCB-093/098/100/102			ND		0.0868	0.00400	
5	PCB-094			ND		0.0217	0.00080	
5	PCB-095	30.15	1.55	0.408		0.0608	0.00609	
5	PCB-096			ND		0.0217	0.00082	
5	PCB-099	33.90	1.58	0.0667		0.0217	0.00182	
5	PCB-103			ND		0.0217	0.00067	
5	PCB-104			ND		0.0217	0.00125	
5	PCB-105			ND		0.0217	0.00279	
5	PCB-106			ND		0.0217	0.00110	
5	PCB-107/124			ND		0.0434	0.00195	
5	PCB-109			ND		0.0217	0.00138	
5	PCB-110/115	35.33	1.49	0.183		0.0434	0.00495	
5	PCB-111			ND		0.0217	0.00085	
5	PCB-112			ND		0.0217	0.00135	
5	PCB-114			ND		0.0217	0.00111	
5	PCB-118	38.46	1.66	0.0600		0.0339	0.00504	
5	PCB-120			ND		0.0217	0.00083	
5	PCB-121			ND		0.0217	0.00115	
5	PCB-122			ND		0.0217	0.00119	
5	PCB-123			ND		0.0217	0.00129	
5	PCB-126			ND		0.0217	0.00069	
5	PCB-127			ND		0.0217	0.00110	
6	PCB-128/166			ND		0.0434	0.00234	
6	PCB-129/138/163	41.67	1.23	0.156		0.0651	0.00488	
6	PCB-130			ND		0.0217	0.00119	
6	PCB-131			ND		0.0217	0.00143	
6	PCB-132	38.56	1.25	0.0526		0.0217	0.00162	
6	PCB-133			ND		0.0217	0.00102	
6	PCB-134/143			ND		0.0434	0.00267	
6	PCB-135/151	36.29	1.21	0.108		0.0434	0.00292	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeray Avenue Bridge**
Lab Sample ID: 10704779018
Lab File ID: P240919A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 08/16/2024 13:45
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 07:55
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.79	1.23	0.0446		0.0217	0.00149	
6	PCB-137			ND		0.0217	0.00158	
6	PCB-139/140			ND		0.0434	0.00204	
6	PCB-141	40.58	1.35	0.0343		0.0217	0.00192	
6	PCB-142			ND		0.0217	0.00133	
6	PCB-144			ND		0.0217	0.00087	
6	PCB-145			ND		0.0217	0.00099	
6	PCB-146	39.74	1.34	0.0258		0.0217	0.00123	
6	PCB-147/149	37.26	1.23	0.189		0.0434	0.00372	
6	PCB-148			ND		0.0217	0.00101	
6	PCB-150			ND		0.0217	0.00103	
6	PCB-152			ND		0.0217	0.00082	
6	PCB-153/168	40.38	1.22	0.156		0.0434	0.00292	
6	PCB-154			ND		0.0217	0.00128	
6	PCB-155			ND		0.0217	0.00113	
6	PCB-156/157			ND		0.0434	0.00161	
6	PCB-158			ND		0.0217	0.00119	
6	PCB-159			ND		0.0217	0.00108	
6	PCB-160			ND		0.0217	0.00123	
6	PCB-161			ND		0.0217	0.00060	
6	PCB-162			ND		0.0217	0.00109	
6	PCB-164			ND		0.0217	0.00135	
6	PCB-165			ND		0.0217	0.00070	
6	PCB-167			ND		0.0217	0.00156	
6	PCB-169			ND		0.0217	0.00097	
7	PCB-170	48.61	1.02	0.0335		0.0217	0.00139	
7	PCB-171/173			ND		0.0434	0.00179	
7	PCB-172			ND		0.0217	0.00433	
7	PCB-174	43.90	0.99	0.0406		0.0217	0.00156	
7	PCB-175			ND		0.0217	0.00103	
7	PCB-176			ND		0.0217	0.00086	
7	PCB-177	44.35	1.05	0.0252		0.0217	0.00178	
7	PCB-178			ND		0.0217	0.00114	
7	PCB-179			ND		0.0217	0.00135	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeray Avenue Bridge**
Lab Sample ID: 10704779018
Lab File ID: P240919A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 08/16/2024 13:45
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 07:55
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.32	1.08	0.0793		0.0434	0.00395	
7	PCB-181			ND		0.0217	0.00143	
7	PCB-182			ND		0.0217	0.00118	
7	PCB-183/185			ND		0.0434	0.00263	
7	PCB-184			ND		0.0217	0.00061	
7	PCB-186			ND		0.0217	0.00142	
7	PCB-187	43.04	1.03	0.0522		0.0217	0.00161	
7	PCB-188			ND		0.0217	0.00068	
7	PCB-189			ND		0.0217	0.00109	
7	PCB-190			ND		0.0217	0.00151	
7	PCB-191			ND		0.0217	0.00139	
7	PCB-192			ND		0.0217	0.00140	
8	PCB-194			ND		0.0217	0.00112	
8	PCB-195			ND		0.0217	0.00143	
8	PCB-196			ND		0.0217	0.00107	
8	PCB-197/200			ND		0.0434	0.00181	
8	PCB-198/199			ND		0.0434	0.00188	
8	PCB-201			ND		0.0217	0.00055	
8	PCB-202			ND		0.0217	0.00116	
8	PCB-203			ND		0.0217	0.00097	
8	PCB-204			ND		0.0217	0.00112	
8	PCB-205			ND		0.0217	0.00135	
9	PCB-206			ND		0.0217	0.00192	
9	PCB-207			ND		0.0217	0.00129	
9	PCB-208			ND		0.0217	0.00115	
10	PCB-209			ND		0.0217	0.00679	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Pomeray Avenue Bridge**
Lab Sample ID: 10704779018
Lab File ID: P240919A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 08/16/2024 13:45
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 07:55
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	5.99	B
Total TrCB	2.78	
Total TeCB	2.26	B
Total PeCB	1.12	
Total HxCB	0.766	
Total HpCB	0.231	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	13.1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10704779019
Lab File ID: P240919A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 10:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 08:56
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114728

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.26	3.04	2.00	1.04	52	
1	PCB-003L	13.08	3.10	2.00	1.24	62	
2	PCB-004L	13.38	1.53	2.00	1.21	61	
2	PCB-015L	20.49	1.60	2.00	1.44	72	
3	PCB-019L	17.20	1.05	2.00	1.19	60	
3	PCB-037L	28.30	1.06	2.00	1.57	78	
4	PCB-054L	20.83	0.79	2.00	1.04	52	
4	PCB-077L	36.03	0.79	2.00	1.91	96	
4	PCB-081L	35.46	0.79	2.00	1.89	95	
5	PCB-104L	26.96	1.56	2.00	1.18	59	
5	PCB-105L	39.65	1.60	2.00	1.80	90	
5	PCB-114L	39.00	1.61	2.00	1.80	90	
5	PCB-118L	38.45	1.59	2.00	1.79	90	
5	PCB-123L	38.10	1.56	2.00	1.76	88	
5	PCB-126L	42.84	1.57	2.00	1.83	92	
6	PCB-155L	33.03	1.25	2.00	1.20	60	
6	PCB-156/157L	45.92	1.29	4.00	3.37	84	
6	PCB-167L	44.72	1.29	2.00	1.72	86	
6	PCB-169L	49.22	1.29	2.00	1.67	84	
7	PCB-188L	38.97	1.06	2.00	1.63	82	
7	PCB-189L	51.79	1.07	2.00	1.70	85	
8	PCB-202L	44.47	0.89	2.00	1.69	84	
8	PCB-205L	54.38	0.89	2.00	1.64	82	
9	PCB-206L	56.12	0.78	2.00	1.69	85	
9	PCB-208L	51.27	0.79	2.00	1.75	87	
10	PCB-209L	57.76	0.71	2.00	1.72	86	
Recovery Standards							
2	PCB-009L	15.85	1.55	2.00	1.73	N/A	
4	PCB-052L	25.92	0.79	2.00	1.97	N/A	
5	PCB-101L	33.26	1.60	2.00	2.04	N/A	
6	PCB-138L	41.65	1.26	2.00	2.25	N/A	
8	PCB-194L	53.90	0.92	2.00	2.17	N/A	
Cleanup Standards							
3	PCB-028L	23.93	1.05	2.00	1.43	71	
5	PCB-111L	36.06	1.60	2.00	1.67	83	
7	PCB-178L	42.09	1.06	2.00	1.78	89	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10704779019
Lab File ID: P240919A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 10:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 08:56
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0226	0.00402	
1	PCB-002			ND		0.0226	0.00409	
1	PCB-003			ND		0.0226	0.00761	
2	PCB-004	13.40	1.59	0.0227		0.0226	0.00512	
2	PCB-005			ND		0.0226	0.00547	
2	PCB-006			ND		0.0226	0.00277	
2	PCB-007			ND		0.0226	0.00265	
2	PCB-008	16.87	1.42	0.0279		0.0226	0.00541	
2	PCB-009			ND		0.0226	0.00107	
2	PCB-010			ND		0.0226	0.00122	
2	PCB-011			ND		0.222	0.0590	
2	PCB-012/013			ND		0.0453	0.00297	
2	PCB-014			ND		0.0226	0.00104	
2	PCB-015			ND		0.0299	0.00584	
3	PCB-016			ND		0.0226	0.00330	
3	PCB-017			ND		0.0226	0.00367	
3	PCB-018/030			ND		0.0453	0.00600	
3	PCB-019			ND		0.0226	0.00308	
3	PCB-020/028			ND		0.117	0.00681	
3	PCB-021/033			ND		0.122	0.00562	
3	PCB-022			ND		0.0861	0.00370	
3	PCB-023			ND		0.0226	0.00112	
3	PCB-024			ND		0.0226	0.00126	
3	PCB-025			ND		0.0226	0.00146	
3	PCB-026/029			ND		0.0453	0.00236	
3	PCB-027			ND		0.0226	0.00101	
3	PCB-031			ND		0.118	0.00823	
3	PCB-032			ND		0.0226	0.00275	
3	PCB-034			ND		0.0226	0.00110	
3	PCB-035			ND		0.0226	0.00112	
3	PCB-036			ND		0.0226	0.00106	
3	PCB-037			ND		0.0480	0.00274	
3	PCB-038			ND		0.0226	0.00111	
3	PCB-039			ND		0.0226	0.00143	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10704779019
Lab File ID: P240919A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 10:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 08:56
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0679	0.00465	
4	PCB-042			ND		0.0226	0.00247	
4	PCB-043/073			ND		0.0453	0.00223	
4	PCB-044/047/065			ND		0.0679	0.00658	
4	PCB-045/051			ND		0.0453	0.00340	
4	PCB-046			ND		0.0226	0.00153	
4	PCB-048			ND		0.0226	0.00180	
4	PCB-069/049			ND		0.0453	0.00382	
4	PCB-050/053			ND		0.0453	0.00195	
4	PCB-052			ND		0.117	0.0137	
4	PCB-054			ND		0.0226	0.00104	
4	PCB-055			ND		0.0226	0.00154	
4	PCB-056			ND		0.0226	0.00347	
4	PCB-057			ND		0.0226	0.00104	
4	PCB-058			ND		0.0226	0.00132	
4	PCB-059/062/075			ND		0.0679	0.00233	
4	PCB-060			ND		0.0226	0.00190	
4	PCB-061/070/074/076			ND		0.0906	0.00818	
4	PCB-063			ND		0.0226	0.00088	
4	PCB-064			ND		0.0226	0.00223	
4	PCB-066			ND		0.0535	0.00426	
4	PCB-067			ND		0.0226	0.00125	
4	PCB-068			ND		0.0226	0.00113	
4	PCB-072			ND		0.0226	0.00079	
4	PCB-077			ND		0.0226	0.00137	
4	PCB-078			ND		0.0226	0.00116	
4	PCB-079			ND		0.0226	0.00079	
4	PCB-080			ND		0.0226	0.00112	
4	PCB-081			ND		0.0226	0.00075	
5	PCB-082			ND		0.0226	0.00137	
5	PCB-083			ND		0.0226	0.00118	
5	PCB-084			ND		0.0226	0.00237	
5	PCB-085/116/117			ND		0.0679	0.00314	
5	PCB-086/087/097/108/119/12			ND		0.136	0.00599	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10704779019
Lab File ID: P240919A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 10:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 08:56
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0453	0.00182	
5	PCB-089			ND		0.0226	0.00129	
5	PCB-090/101/113			ND		0.0679	0.00463	
5	PCB-092			ND		0.0226	0.00098	
5	PCB-093/098/100/102			ND		0.0906	0.00418	
5	PCB-094			ND		0.0226	0.00084	
5	PCB-095			ND		0.0634	0.00635	
5	PCB-096			ND		0.0226	0.00085	
5	PCB-099			ND		0.0226	0.00190	
5	PCB-103			ND		0.0226	0.00070	
5	PCB-104			ND		0.0226	0.00130	
5	PCB-105			ND		0.0226	0.00291	
5	PCB-106			ND		0.0226	0.00114	
5	PCB-107/124			ND		0.0453	0.00204	
5	PCB-109			ND		0.0226	0.00144	
5	PCB-110/115	35.33	1.50	0.0654		0.0453	0.00516	
5	PCB-111			ND		0.0226	0.00089	
5	PCB-112			ND		0.0226	0.00140	
5	PCB-114			ND		0.0226	0.00116	
5	PCB-118			ND		0.0353	0.00525	
5	PCB-120			ND		0.0226	0.00086	
5	PCB-121			ND		0.0226	0.00120	
5	PCB-122			ND		0.0226	0.00125	
5	PCB-123			ND		0.0226	0.00135	
5	PCB-126			ND		0.0226	0.00072	
5	PCB-127			ND		0.0226	0.00114	
6	PCB-128/166			ND		0.0453	0.00245	
6	PCB-129/138/163			ND		0.0679	0.00510	
6	PCB-130			ND		0.0226	0.00125	
6	PCB-131			ND		0.0226	0.00149	
6	PCB-132			ND		0.0226	0.00169	
6	PCB-133			ND		0.0226	0.00107	
6	PCB-134/143			ND		0.0453	0.00279	
6	PCB-135/151			ND		0.0453	0.00305	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10704779019
Lab File ID: P240919A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 10:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 08:56
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.0226	0.00155	
6	PCB-137			ND		0.0226	0.00165	
6	PCB-139/140			ND		0.0453	0.00213	
6	PCB-141			ND		0.0226	0.00200	
6	PCB-142			ND		0.0226	0.00139	
6	PCB-144			ND		0.0226	0.00091	
6	PCB-145			ND		0.0226	0.00104	
6	PCB-146			ND		0.0226	0.00128	
6	PCB-147/149			ND		0.0453	0.00388	
6	PCB-148			ND		0.0226	0.00106	
6	PCB-150			ND		0.0226	0.00107	
6	PCB-152			ND		0.0226	0.00086	
6	PCB-153/168			ND		0.0453	0.00305	
6	PCB-154			ND		0.0226	0.00134	
6	PCB-155			ND		0.0226	0.00118	
6	PCB-156/157			ND		0.0453	0.00168	
6	PCB-158			ND		0.0226	0.00125	
6	PCB-159			ND		0.0226	0.00112	
6	PCB-160			ND		0.0226	0.00128	
6	PCB-161			ND		0.0226	0.00063	
6	PCB-162			ND		0.0226	0.00113	
6	PCB-164			ND		0.0226	0.00140	
6	PCB-165			ND		0.0226	0.00073	
6	PCB-167			ND		0.0226	0.00163	
6	PCB-169			ND		0.0226	0.00102	
7	PCB-170			ND		0.0226	0.00145	
7	PCB-171/173			ND		0.0453	0.00187	
7	PCB-172			ND		0.0226	0.00452	
7	PCB-174			ND		0.0226	0.00163	
7	PCB-175			ND		0.0226	0.00108	
7	PCB-176			ND		0.0226	0.00089	
7	PCB-177			ND		0.0226	0.00186	
7	PCB-178			ND		0.0226	0.00119	
7	PCB-179			ND		0.0226	0.00140	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10704779019
Lab File ID: P240919A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 10:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 08:56
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND		0.0453	0.00412	
7	PCB-181			ND		0.0226	0.00149	
7	PCB-182			ND		0.0226	0.00123	
7	PCB-183/185			ND		0.0453	0.00274	
7	PCB-184			ND		0.0226	0.00063	
7	PCB-186			ND		0.0226	0.00148	
7	PCB-187			ND		0.0226	0.00168	
7	PCB-188			ND		0.0226	0.00071	
7	PCB-189			ND		0.0226	0.00113	
7	PCB-190			ND		0.0226	0.00157	
7	PCB-191			ND		0.0226	0.00145	
7	PCB-192			ND		0.0226	0.00146	
8	PCB-194			ND		0.0226	0.00117	
8	PCB-195			ND		0.0226	0.00149	
8	PCB-196			ND		0.0226	0.00112	
8	PCB-197/200			ND		0.0453	0.00189	
8	PCB-198/199			ND		0.0453	0.00196	
8	PCB-201			ND		0.0226	0.00057	
8	PCB-202			ND		0.0226	0.00121	
8	PCB-203			ND		0.0226	0.00102	
8	PCB-204			ND		0.0226	0.00117	
8	PCB-205			ND		0.0226	0.00140	
9	PCB-206			ND		0.0226	0.00200	
9	PCB-207			ND		0.0226	0.00135	
9	PCB-208			ND		0.0226	0.00120	
10	PCB-209			ND		0.0226	0.00709	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10704779019
Lab File ID: P240919A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 08/13/2024 10:00
Date Received: 08/20/2024 08:40
Date Extracted: 09/16/2024 14:00
Date Analyzed: 09/19/2024 08:56
Method Blank ID: BLANK-114726
Lab Spike ID(s): LCS-114727/LCSD-114

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P240919A02
CCal File(s): P240919A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0505	B
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	0.0654	B
Total HxCB	ND	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	0.116	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

General Electric Company

Data Validation Report

Baseline Surface Water Monitoring
Housatonic River – Rest of River
Pittsfield, Massachusetts

Polychlorinated Biphenyl (PCB) Congeners and Total Suspended Solids (TSS) Analyses

SDGs # 10708873, 10709116, and 10709174

Tier I Level Data Review

Analyses Performed By:
Pace Analytical Services, Inc,
Minneapolis, Minnesota
And
Pace Analytical Services, Melville, New York

Report # 58579R
Project: 30299972.3000

Table of Contents

1 Summary 1
1.1 Analytical Data Package Documentation 2
1.2 Data Validation Procedures 2
2 Polychlorinated Biphenyl Congener Analyses 5
2.1 Holding Times 5
2.2 Blank Contamination 5
2.3 Field Duplicate Analysis 6
2.4 Compound Identification 8
2.5 Data Validation Checklist for PCB Congeners 8
3 General Chemistry Analyses 10
3.1 Holding Times 10
3.2 Field Duplicate Analysis 10
3.3 Data Validation Checklist for General Chemistry 10
4 Overall Data Usability 11

Tables

Table 1. Summary of Samples Subjected to Tier I Data Validation 1
Table 2. Evaluation of Data Package Completeness 2
Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation 4
Table 4. Holding Time for USEPA Method 1668C 5
Table 5. Summary of Blank Contamination Qualifications 5
Table 6. Summary of Field Duplicate Analysis 6
Table 7. Data Validation Checklist for Polychlorinated Biphenyls 8
Table 8. Specified Holding Time 10
Table 9. Summary of Field Duplicate Analysis 10
Table 10. Data Validation Checklist for General Chemistry 10
Table 11. Overall Summary of Data Usability 11

Appendices

Appendix A Chain of Custody
Appendix B Annotated Sample Analysis Data Sheets

1 Summary

This attachment summarizes the data validation review of Sample Delivery Groups (SDGs) 10708873, 10709116, and 10709174 and performed on behalf of the General Electric Company (GE) for surface water sampling activities conducted as part of the Baseline Monitoring at the GE-Pittsfield/Housatonic River Site. The review was conducted at a Tier I level and included review of data package completeness. Field documentation was not included in this review. Included with this assessment are the chain-of-custody forms (Appendix A) and the validation annotated sample analysis data sheets (Appendix B). Analyses were performed on the samples listed in Table 1.

Table 1. Summary of Samples Subjected to Tier I Data Validation

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
10708873	DERBY DAM	10708873001	Water	09/16/2024		X	
	STEVENSON DAM	10708873002	Water	09/16/2024		X	
	SHEPAUG DAM	10708873003	Water	09/16/2024		X	
	RT. 202 BRIDGE	10708873004	Water	09/16/2024		X	
	RT. 341 BRIDGE	10708873005	Water	09/17/2024		X	
	CANAAN TOWN LINE BRIDGE	10708873006	Water	09/17/2024		X	
	FALLS VILLAGE DAM	10708873007	Water	09/17/2024		X	
	RANNAPO RD BRIDGE	10708873008	Water	09/17/2024		X	
10709116	HR-EB1	10709116001	Water	09/17/2024		X	
	RISING POND DAM	10709116002	Water	09/18/2024		X	
	RISING POND DAM-AUTO	10709116003	Water	09/18/2024		X	
	OLD PLEASANT STREET BRIDGE	10709116004	Water	09/18/2024		X	
	WOODS POND DAM	10709116005	Water	09/18/2024		X	
	WOODS POND DAM-AUTO	10709116006	Water	09/18/2024		X	
	NEW LENOX RD BRIDGE	10709116007	Water	09/18/2024		X	
	NEAR PITTSFIELD WWTP	10709116008	Water	09/19/2024		X	
	POMEROY AVENUE BRIDGE	10709116009	Water	09/19/2024		X	
	HR-D1	10709116010	Water	09/18/2024	RISING POND DAM	X	
10709174	DERBY DAM	10709174001	Water	09/16/2024			X
	STEVENSON DAM	10709174002	Water	09/16/2024			X
	SHEPAUG DAM	10709174003	Water	09/16/2024			X
	RT. 202 BRIDGE	10709174004	Water	09/16/2024			X
	RT. 341 BRIDGE	10709174005	Water	09/17/2024			X
	CANAAN TOWN LINE BRIDGE	10709174006	Water	09/17/2024			X
	FALLS VILLAGE DAM	10709174007	Water	09/17/2024			X
	RANNAPO RD BRIDGE	10709174008	Water	09/17/2024			X
	RISING POND DAM	10709174009	Water	09/18/2024			X
	RISING POND DAM-AUTO	10709174010	Water	09/18/2024			X
	HR-D1	10709174011	Water	09/18/2024	RISING POND DAM		X
	OLD PLEASANT STREET BRIDGE	10709174012	Water	09/18/2024			X

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
	WOODS POND DAM	10709174013	Water	09/18/2024			X
	WOODS POND DAM-AUTO	10709174014	Water	09/18/2024			X
	NEW LENOX RD BRIDGE	10709174015	Water	09/18/2024			X
	NEAR PITTSFIELD WWTP	10709174016	Water	09/19/2024			X
	POMEROY AVENUE BRIDGE	10709174017	Water	09/19/2024			X

Notes:
PCB = Polychlorinated Biphenyl Congeners
TSS = Total suspended solids

1.1 Analytical Data Package Documentation

The table below is the evaluation of the data package completeness.

Table 2. Evaluation of Data Package Completeness

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

Note:
QA = Quality Assurance

1.2 Data Validation Procedures

Analyses were performed according to United States Environmental Protection Agency (EPA) SW-846 Methods USEPA Method 1668C, and Standard Method 2540D. Data were reviewed in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan – GE-Pittsfield/Housatonic River Site (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, prepared by Arcadis (Revised December 21, 2023);
- EPA Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (July 1996, revised December 1996) (EPA Region I Guidelines);

- EPA National Functional Guidelines for High Resolution Superfund Methods Data Review OLEM 9240.1-65EPA, 542-R-20-007 (November 2020); and
- Second Revised Baseline Monitoring Plan, Housatonic River – Rest of River, General Electric Company, Pittsfield, Massachusetts, prepared by Anchor QEA (January 2023).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers:
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers:
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
  - JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
  - UB Compound considered non-detect at the listed value due to associated blank contamination.
  - N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
  - R The sample results are rejected.

Two facts should be noted by all data users. First, the “R” flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. “R” values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Section 7.5 of the revised FSP/QAPP states that all analytical data will be validated to a Tier I level following the procedures presented in the EPA Region I Guidelines. The Tier I review consisted of a completeness evidence

audit, as outlined in the EPA Region I CSF Completeness Evidence Audit Program (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the EPA Region I Tier I data completeness requirements.

Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the number of sample analyses subject to Tier I data review is presented in the following table.

Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	16	1	1	0	0	0	18
TSS	16	1	0	0	0	0	17

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in EPA Region I Guidelines. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. The annotated sample analysis data sheets attached to this validation report (Appendix B) reflect any added data qualifiers.

2 Polychlorinated Biphenyl Congener Analyses

2.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 4. Holding Time for USEPA Method 1668C

Method	Matrix	Holding Time	Preservation
USEPA Method 1668C	Water	One year from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria.

2.2 Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

All compounds associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the compounds listed in the following table. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Table 5. Summary of Blank Contamination Qualifications

SDG	Sample Locations	Compounds	Blank	Sample Result	Qualification
10709116	Pomeroy Avenue Bridge	PCB-110/115	Equipment blank (HR-EB1)	Detected sample results >RL and <BAL	"U" at detected sample concentration
10708873	Shepaug Dam Rt. 202 Bridge Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-110/115			
10708873	Derby Dam Shepaug Dam Rt. 202 Bridge Rt. 341 Bridge Canaan Town Line Bridge	PCB-147/149			

Note:
RL = Reporting limit

2.3 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In an instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 6. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
RISING POND DAM / HR-D1	PCB-4	0.285	0.349	20.18%
	PCB-15	0.0419	0.0323 U	AC
	PCB-17	0.0695	0.0244 U	AC
	PCB-18/30	0.0638	0.0489 U	AC
	PCB-19	0.222	0.283	24.15%
	PCB-25	0.0348	0.0244 U	AC
	PCB-27	0.0497	0.0244 U	AC
	PCB-32	0.0396	0.0244 U	AC
	PCB-40/41/71	0.138	0.0733 U	AC
	PCB-42	0.0652	0.0244 U	AC
	PCB-44/47/65	1.12	1.25	10.97%
	PCB-45/51	0.313	0.0244 U	AC
	PCB-46	0.0313	0.0244 U	AC
	PCB-49/69	0.604	0.702	15.00%
	PCB-50/53	0.390	0.0489 U	AC
	PCB-52	0.419	0.126 U	AC
	PCB-54	0.109	0.0244 U	AC
	PCB-61/70/74/76	0.100	0.0977 U	AC
	PCB-64	0.0313	0.0244 U	AC
	PCB-66	0.110	0.0577 U	AC
	PCB-83	0.0282	0.0244 U	AC
	PCB-84	0.0741	0.0244 U	AC
	PCB-85/116/117	0.0766	0.0733 U	AC
	PCB-86/87/97/108/119/125	0.263	0.147 U	AC
	PCB-88/91	0.231	0.0489 U	AC
	PCB-90/101/113	0.807	0.891	9.89%
	PCB-92	0.250	0.280	AC
	PCB-93/98/100/102	0.157	0.0977 U	AC
	PCB-94	0.0451	0.0244 U	AC
	PCB-95	0.521	0.600	14.09%
	PCB-99	0.358	0.382	6.48%

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
	PCB-103	0.0644	0.0244 U	AC
	PCB-105	0.0543	0.0244 U	AC
	PCB-109	0.0332	0.0244 U	AC
	PCB-110/115	0.556	0.598	7.27%
	PCB-118	0.236	0.0381 U	AC
	PCB-128/166	0.0984	0.0489 U	AC
	PCB-129/138/163	1.49	1.59	6.49%
	PCB-130	0.0819	0.0244 U	AC
	PCB-132	0.377	0.399	5.67%
	PCB-133	0.0469	0.0244 U	AC
	PCB-134/143	0.0595	0.0489 U	AC
	PCB-135/151	0.868	0.835	3.87%
	PCB-136	0.222	0.0244 U	AC
	PCB-141	0.290	0.307	5.69%
	PCB-144	0.0745	0.0244 U	AC
	PCB-146	0.336	0.333	0.89%
	PCB-147/149	1.57	1.65	4.96%
	PCB-153/168	1.69	1.69	AC
	PCB-154	0.0552	0.0244 U	AC
	PCB-156/157	0.0651	0.0489 U	AC
	PCB-158	0.0898	0.0244 U	AC
	PCB-164	0.102	0.0244 U	AC
	PCB-167	0.0429	0.0244 U	AC
	PCB-170	0.440	0.495	11.76%
	PCB-171/173	0.136	0.0489 U	AC
	PCB-172	0.0982	0.0244 U	AC
	PCB-174	0.545	0.609	11.09%
	PCB-176	0.0754	0.0244 U	AC
	PCB-177	0.346	0.387	11.18%
	PCB-178	0.163	0.0244 U	AC
	PCB-179	0.281	0.288	AC
	PCB-180/193	1.02	1.19	15.38%
	PCB-183/185	0.346	0.0489 U	AC
	PCB-187	0.753	0.803	6.42%
	PCB-190	0.0981	0.0244 U	AC
	PCB-194	0.237	0.0244 U	AC
	PCB-195	0.110	0.0244 U	AC
	PCB-196	0.129	0.0244 U	AC
	PCB-198/199	0.259	0.0489	AC
	PCB-201	0.0325	0.0244 U	AC

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
	PCB-202	0.0554	0.0244 U	AC
	PCB-203	0.166	0.0244 U	AC
	PCB-206	0.0579	0.0244 U	AC

Notes:
AC = Acceptable
The calculated RPDs between the parent sample and field duplicate were acceptable.

2.4 Compound Identification

PCB congeners by 1668C are identified by using the compound's ion abundance ratios, signal-to-noise values, and relative retention times.

An EMPC or "estimated maximum possible concentration" designation is given to compounds which have signals eluting within the established retention time window which would, if positively identified, be above the detection limit. The signals do not, however, meet the ion abundance ratio criteria and cannot be identified as the compound of interest. The EMPC value is the estimated concentration of the interferant quantitated "as the compound of interest". This value should be considered an elevated detection limit based on potential compound identification and quantitation interference. If the EMPC value is above the reporting limit, the qualifier UX has been added to the sample results to indicate the elevated detection limit as EMPC. If the EMPC value is below the reporting limit, the compound is reported as non-detect at the reporting limit and no qualification is added.

2.5 Data Validation Checklist for PCB Congeners

Table 7. Data Validation Checklist for Polychlorinated Biphenyls

PCB Congeners; EPA1668C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
HIGH RESOLUTION GAS CHROMATOGRAPHY/HIGH RESOLUTION MASS SPECTROMETRY (HRGC/HRMS)					
Tier I Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks		X	X		
Field/Lab Duplicate (RPD)		X		X	
Dilution Factor		X		X	
Moisture Content	X				X
Ion abundance criteria for each instrument used		X		X	
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%RPD = Relative percent difference
%R = Percent recovery

When the laboratory case narrative outlines a quality issue and/or the laboratory applies qualifiers that exhibit potential QC issues beyond Tier I it will be added to the checklist above and the usability of the data will be addressed.

3 General Chemistry Analyses

3.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 8. Specified Holding Time

Method	Matrix	Holding Time	Preservation
Total Suspended Solids (TSS) by SM2540D	Water	7 days from collection to analysis	Cool to <6 °C.

All samples were analyzed within the specified holding time criteria.

3.2 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Table 9. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Analytes	Sample Result	Duplicate Result	RPD
RISING POND DAM / HR-D1	TSS	2.5 U	2.5 U	AC

Note:
AC = Acceptable

The calculated RPDs between the parent sample and field duplicate were acceptable.

3.3 Data Validation Checklist for General Chemistry

Table 10. Data Validation Checklist for General Chemistry

General Chemistry: SM2540D	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Miscellaneous Instrumentation					
Tier I Validation					
Holding Times		X		X	
Reporting limits (units)		X		X	
Field/Lab Duplicate (RPD)		X		X	
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%R = Percent recovery
RPD = Relative percent difference

4 Overall Data Usability

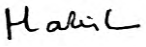
This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under Tier I data validation review. The percent usability calculation also includes quality control samples (i.e., field/equipment blanks, trip blanks, and field duplicates) to aid in the evaluation of data usability. Data usability is summarized in the following table.

Table 11. Overall Summary of Data Usability

Parameter	Percent Usability	Rejected Data
PCBs	100%	0
TSS	100%	0

The data package completeness, as determined from the Tier I data review was used to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses (discussed in this report) to provide a measure of compliance of the analytical data with the Data Quality Objectives specified in the FSP/QAPP.

VALIDATION PERFORMED BY: Hareesha Naik

SIGNATURE: 

DATE: June 17, 2025

PEER REVIEW: Andrew Korycinski

DATE: June 18, 2025

Appendix A

Chain of Custody

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 70314499

70314499

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30224932.3000	Invoice to: Arcadis U.S., Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accountspayable.administration@Arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [✓] ET	County / State origin of sample(s): Pittsfield, MA
Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____ Date Results Requested:
	DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TSS Low Level * SM 2540D	Specify Container Size **	Identify Container Preservative Type***	Analysis Requested	Sample Comment
Derby Dam	WT		09/16/24	13:30			1			X	1	1		
Stevenson Dam	WT		09/16/24	17:00			1			X				
Shepaug Dam	WT		09/16/24	15:45			1			X				
Rt. 202 Bridge	WT		09/16/24	18:30			1			X				
Rt. 341 Bridge	WT		09/17/24	14:30			1			X				
Canaan Town Line Bridge	WT		09/17/24	17:00			1			X				
Falls Village Dam	WT		09/17/24	13:00			1			X				
Rannapo Rd Bridge	WT		09/17/24	18:20			1			X				
Rising Pond Dam	WT		09/18/24	11:40			1			X				
Rising Pond Dam-Auto	WT		09/18/24	11:40			1			X				

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 45643

Preservation non-conformance identified for sample

Additional Instructions from Pace® : Short Hold Time Refer to Contract

Collected By: Printed Name: Penelope T. Rabasco

Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: * Please use entire sample for analysis

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs Temp (°C): | Corrected Temp. (°C): | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Rabasco / Arcadis	09/19/24 17:30	FAXED BY PAGE 11	9/20/24 9:32
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Arcadis
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202

Contact/Report To: Dave Knutsen
Phone #: 315-671-9374
E-Mail: David.Knutsen@Arcadis.com
Cc E-Mail:

Customer Project #: 30224932.3000
Project Name: Housatonic River BMP
Site Collection Info/Facility ID (as applicable): Housatonic River

Invoice to: Arcadis U.S., Inc.
Invoice E-mail: accountspayable.administration@arcadis.com
Purchase Order # (if applicable):
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET

County / State origin of sample(s): Pittsfield, MA

Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
Date Results Requested:

DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 1
Identify Container Preservative Type***: 1
Analysis Requested: TSS Low Level * SM 2540D

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID: 45643

Preservation non-conformance identified for sample

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	Sample Comment
HR-D1	WT		09/18/24	—			1			
Old Pleasant Street Bridge	WT		09/18/24	14:15			1			
Woods Pond Dam	WT		09/18/24	15:00			1			
Woods Pond Dam-Auto	WT		09/18/24	15:00			1			
New Lenox Rd Bridge	WT		09/18/24	16:20			1			
Near Pittsfield WWTP	WT		09/19/24	13:10			1			
Pomeroy Avenue Bridge	WT		09/19/24	14:30			1			

Additional Instructions from Pace®: Short Hold Time
Refer to Contract

Collected By: Printed Name: Penelope T. Rabasco
Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: * Please use entire sample for analysis.

Coolers: Thermometer ID: Correction Factor (°C): Obs Temp (°C): Corrected Temp (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time	Received by/Company: (Signature)	Date/Time	Tracking Number:
Penelope T. Rabasco / Arcadis	09/19/24 17:30	PHEL	9/20/24 9:32	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Appendix B

Annotated Sample Analysis Data Sheets

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10709174

Sample: Derby Dam **Lab ID: 10709174001** Collected: 09/16/24 13:30 Received: 09/20/24 09:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**3.9**	mg/L	2.5	1		09/23/24 18:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10709174

Sample: Stevenson Dam **Lab ID: 10709174002** Collected: 09/16/24 17:00 Received: 09/20/24 09:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		09/23/24 18:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10709174

Sample: Shepaug Dam **Lab ID: 10709174003** Collected: 09/16/24 15:45 Received: 09/20/24 09:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		09/23/24 18:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10709174

Sample: Rt. 202 Bridge **Lab ID: 10709174004** Collected: 09/16/24 18:30 Received: 09/20/24 09:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		09/23/24 18:18		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10709174

Sample: Rt. 341 Bridge **Lab ID: 10709174005** Collected: 09/17/24 14:30 Received: 09/20/24 09:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		09/24/24 18:24		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10709174

Sample: Canaan Town Line Bridge **Lab ID: 10709174006** Collected: 09/17/24 17:00 Received: 09/20/24 09:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		09/24/24 18:24		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10709174

Sample: Falls Village Dam **Lab ID: 10709174007** Collected: 09/17/24 13:00 Received: 09/20/24 09:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**3.1**	mg/L	2.5	1		09/24/24 18:24		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10709174

Sample: Rannapo Rd Bridge **Lab ID: 10709174008** Collected: 09/17/24 18:20 Received: 09/20/24 09:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		09/24/24 18:24		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10709174

Sample: Rising Pond Dam **Lab ID: 10709174009** Collected: 09/18/24 11:40 Received: 09/20/24 09:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		09/25/24 17:06		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10709174

Sample: Rising Pond Dam - Auto **Lab ID: 10709174010** Collected: 09/18/24 11:40 Received: 09/20/24 09:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**25.9**	mg/L	2.5	1		09/25/24 17:06		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10709174

Sample: HR-DI **Lab ID: 10709174011** Collected: 09/18/24 00:00 Received: 09/20/24 09:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		09/25/24 17:06		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10709174

Sample: Old Pleasant Street Bridge **Lab ID: 10709174012** Collected: 09/18/24 14:15 Received: 09/20/24 09:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		09/25/24 17:06		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10709174

Sample: Woods Pond Dam **Lab ID: 10709174013** Collected: 09/18/24 15:00 Received: 09/20/24 09:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**5.0**	mg/L	2.5	1		09/25/24 17:06		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10709174

Sample: Woods Pond Dam-Auto **Lab ID: 10709174014** Collected: 09/18/24 15:00 Received: 09/20/24 09:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**17.0**	mg/L	2.5	1		09/25/24 17:06		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10709174

Sample: New Lenox Rd Bridge **Lab ID: 10709174015** Collected: 09/18/24 16:20 Received: 09/20/24 09:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.8**	mg/L	2.5	1		09/25/24 17:06		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10709174

Sample: Near Pittsfield WWTP **Lab ID: 10709174016** Collected: 09/19/24 13:10 Received: 09/20/24 09:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		09/26/24 17:35		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10709174

Sample: Pomercy Avenue Bridge **Lab ID: 10709174017** Collected: 09/19/24 14:30 Received: 09/20/24 09:32 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		09/26/24 17:35		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Report No....10708873_1668C_L2_dfr

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

WO# : 10708873

10708873

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30224932.3000	Invoice to: Arcadis U.S., Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accountspayable.administration@arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [✓] ET	County / State origin of sample(s): Pittsfield, MA
Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other	DW PWSID # or WW Permit # as applicable:
Date Results Requested:	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 1

Identify Container Preservative Type***: 1

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	Analysis Requested: PCB 1668	Lab Use Only: Proj. Mgr / AcctNum / Client ID / Table # / Profile / Template / Prelog / Bottle Ord. ID	Sample Comment	Preservation non-conformance identified for sample.
Derby Dam	WT		09/16/24	13:30			4			X		001	
Stevenson Dam	WT		09/16/24	17:00			4			X		002	
Shepaug Dam	WT		09/16/24	15:45			4			X		003	
Rt. 202 Bridge	WT		09/16/24	18:30			4			X		004	
Rt. 341 Bridge	WT		09/17/24	14:30			4			X		005	
Canaan Town Line Bridge	WT		09/17/24	17:00			4			X		006	
Falls Village Dam	WT		09/17/24	13:00			4			X		007	
Rannapo Rd Bridge	WT		09/17/24	18:20			4			X		008	

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 45643

Sample Comment

Preservation non-conformance identified for sample.

Additional Instructions from Pace® :

Collected By: Printed Name: Penelope T. Rabasco Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: Refer to Contract

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C): | Corrected Temp. (°C): | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Rabasco / Arcadis	09/19/24 17:30		9/20/24 850
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

I.9, I.5, I.0, 2.8 (F)

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10708873001-R
Lab File ID: P241016A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 13:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 06:58
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115136

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2270mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.93	2.96	2.0	0.58	29	
1	PCB-003L	12.73	3.04	2.0	0.68	34	
2	PCB-004L	13.02	1.52	2.0	0.68	34	
2	PCB-015L	20.12	1.58	2.0	0.83	42	
3	PCB-019L	16.84	1.04	2.0	0.62	31	
3	PCB-037L	27.91	1.07	2.0	1.0	51	
4	PCB-054L	20.45	0.78	2.0	0.51	25	
4	PCB-077L	35.64	0.82	2.0	1.4	70	
4	PCB-081L	35.05	0.78	2.0	1.4	71	
5	PCB-104L	26.58	1.56	2.0	0.48	24	
5	PCB-105L	39.24	1.61	2.0	1.4	71	
5	PCB-114L	38.59	1.63	2.0	1.4	69	
5	PCB-118L	38.04	1.57	2.0	1.4	69	
5	PCB-123L	37.70	1.59	2.0	1.4	68	
5	PCB-126L	42.43	1.62	2.0	1.5	74	
6	PCB-155L	32.64	1.26	2.0	0.62	31	
6	PCB-156/157L	45.50	1.27	4.0	3.0	74	
6	PCB-167L	44.31	1.31	2.0	1.5	76	
6	PCB-169L	48.81	1.28	2.0	1.4	70	
7	PCB-188L	38.56	1.03	2.0	1.5	75	
7	PCB-189L	51.37	1.08	2.0	1.5	77	
8	PCB-202L	44.04	0.89	2.0	1.8	91	
8	PCB-205L	53.96	0.90	2.0	1.5	73	
9	PCB-206L	55.70	0.80	2.0	1.4	71	
9	PCB-208L	50.85	0.78	2.0	1.7	86	
10	PCB-209L	57.32	0.69	2.0	1.4	72	
Recovery Standards							
2	PCB-009L	15.49	1.55	2.0	1.7	N/A	
4	PCB-052L	25.54	0.78	2.0	2.1	N/A	
5	PCB-101L	32.85	1.58	2.0	2.2	N/A	
6	PCB-138L	41.24	1.28	2.0	2.2	N/A	
8	PCB-194L	53.46	0.91	2.0	1.9	N/A	
Cleanup Standards							
3	PCB-028L	23.55	1.03	2.0	1.3	65	
5	PCB-111L	35.67	1.56	2.0	1.5	75	
7	PCB-178L	41.69	1.08	2.0	1.8	89	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10708873001-R
Lab File ID: P241016A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 13:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 06:58
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2270mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.018	0.0031	
1	PCB-002			ND		0.018	0.0032	
1	PCB-003			ND		0.018	0.0059	
2	PCB-004	13.04	1.59	0.084		0.018	0.0040	
2	PCB-005			ND		0.018	0.0043	
2	PCB-006			ND		0.018	0.0022	
2	PCB-007			ND		0.018	0.0021	
2	PCB-008			ND		0.018	0.0042	
2	PCB-009			ND		0.018	0.00083	
2	PCB-010			ND		0.018	0.00095	
2	PCB-011			ND		0.17	0.046	
2	PCB-012/013			ND		0.035	0.0023	
2	PCB-014			ND		0.018	0.00081	
2	PCB-015			ND		0.023	0.0045	
3	PCB-016			ND		0.018	0.0026	
3	PCB-017			ND		0.018	0.0029	
3	PCB-018/030			ND		0.035	0.0047	
3	PCB-019	16.86	1.06	0.020		0.018	0.0024	
3	PCB-020/028			ND		0.091	0.0053	
3	PCB-021/033			ND		0.095	0.0044	
3	PCB-022			ND		0.067	0.0029	
3	PCB-023			ND		0.018	0.00087	
3	PCB-024			ND		0.018	0.00098	
3	PCB-025			ND		0.018	0.0011	
3	PCB-026/029			ND		0.035	0.0018	
3	PCB-027			ND		0.018	0.00079	
3	PCB-031			ND		0.092	0.0064	
3	PCB-032			ND		0.018	0.0021	
3	PCB-034			ND		0.018	0.00086	
3	PCB-035			ND		0.018	0.00087	
3	PCB-036			ND		0.018	0.00082	
3	PCB-037			ND		0.037	0.0021	
3	PCB-038			ND		0.018	0.00086	
3	PCB-039			ND		0.018	0.0011	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10708873001-R
Lab File ID: P241016A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 13:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 06:58
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2270mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.053	0.0036	
4	PCB-042			ND		0.018	0.0019	
4	PCB-043/073			ND		0.035	0.0017	
4	PCB-044/047/065			ND		0.053	0.0051	
4	PCB-045/051			ND		0.035	0.0026	
4	PCB-046			ND		0.018	0.0012	
4	PCB-048			ND		0.018	0.0014	
4	PCB-069/049			ND		0.035	0.0030	
4	PCB-050/053			ND		0.035	0.0015	
4	PCB-052			ND		0.091	0.011	
4	PCB-054			ND		0.018	0.00081	
4	PCB-055			ND		0.018	0.0012	
4	PCB-056			ND		0.018	0.0027	
4	PCB-057			ND		0.018	0.00080	
4	PCB-058			ND		0.018	0.0010	
4	PCB-059/062/075			ND		0.053	0.0018	
4	PCB-060			ND		0.018	0.0015	
4	PCB-061/070/074/076			ND		0.070	0.0064	
4	PCB-063			ND		0.018	0.00069	
4	PCB-064			ND		0.018	0.0017	
4	PCB-066			ND		0.042	0.0033	
4	PCB-067			ND		0.018	0.00097	
4	PCB-068			ND		0.018	0.00088	
4	PCB-072			ND		0.018	0.00062	
4	PCB-077			ND		0.018	0.0011	
4	PCB-078			ND		0.018	0.00090	
4	PCB-079			ND		0.018	0.00062	
4	PCB-080			ND		0.018	0.00087	
4	PCB-081			ND		0.018	0.00059	
5	PCB-082			ND		0.018	0.0011	
5	PCB-083			ND		0.018	0.00092	
5	PCB-084			ND		0.018	0.0018	
5	PCB-085/116/117			ND		0.053	0.0024	
5	PCB-086/087/097/108/119/12			ND		0.11	0.0047	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10708873001-R
Lab File ID: P241016A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 13:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 06:58
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2270mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.035	0.0014	
5	PCB-089			ND		0.018	0.0010	
5	PCB-090/101/113			ND		0.053	0.0036	
5	PCB-092			ND		0.018	0.00076	
5	PCB-093/098/100/102			ND		0.070	0.0032	
5	PCB-094			ND		0.018	0.00066	
5	PCB-095			ND		0.049	0.0049	
5	PCB-096			ND		0.018	0.00067	
5	PCB-099			ND		0.018	0.0015	
5	PCB-103			ND		0.018	0.00054	
5	PCB-104			ND		0.018	0.0010	
5	PCB-105			ND		0.018	0.0023	
5	PCB-106			ND		0.018	0.00089	
5	PCB-107/124			ND		0.035	0.0016	
5	PCB-109			ND		0.018	0.0011	
5	PCB-110/115			ND		0.035	0.0040	
5	PCB-111			ND		0.018	0.00069	
5	PCB-112			ND		0.018	0.0011	
5	PCB-114			ND		0.018	0.00090	
5	PCB-118			ND		0.027	0.0041	
5	PCB-120			ND		0.018	0.00068	
5	PCB-121			ND		0.018	0.00093	
5	PCB-122			ND		0.018	0.00097	
5	PCB-123			ND		0.018	0.0010	
5	PCB-126			ND		0.018	0.00056	
5	PCB-127			ND		0.018	0.00089	
6	PCB-128/166			ND		0.035	0.0019	
6	PCB-129/138/163			ND		0.053	0.0040	
6	PCB-130			ND		0.018	0.00097	
6	PCB-131			ND		0.018	0.0012	
6	PCB-132			ND		0.018	0.0013	
6	PCB-133			ND		0.018	0.00083	
6	PCB-134/143			ND		0.035	0.0022	
6	PCB-135/151			ND		0.035	0.0024	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10708873001-R
Lab File ID: P241016A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 13:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 06:58
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2270mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.018	0.0012	
6	PCB-137			ND		0.018	0.0013	
6	PCB-139/140			ND		0.035	0.0017	
6	PCB-141			ND		0.018	0.0016	
6	PCB-142			ND		0.018	0.0011	
6	PCB-144			ND		0.018	0.00071	
6	PCB-145			ND		0.018	0.00081	
6	PCB-146			ND		0.018	0.0010	
6	PCB-147/149	36.86	1.31	0.042	U	0.035	0.0030	
6	PCB-148			ND		0.018	0.00082	
6	PCB-150			ND		0.018	0.00083	
6	PCB-152			ND		0.018	0.00067	
6	PCB-153/168	39.98	1.26	0.046		0.035	0.0024	
6	PCB-154			ND		0.018	0.0010	
6	PCB-155			ND		0.018	0.00092	
6	PCB-156/157			ND		0.035	0.0013	
6	PCB-158			ND		0.018	0.00097	
6	PCB-159			ND		0.018	0.00087	
6	PCB-160			ND		0.018	0.0010	
6	PCB-161			ND		0.018	0.00049	
6	PCB-162			ND		0.018	0.00088	
6	PCB-164			ND		0.018	0.0011	
6	PCB-165			ND		0.018	0.00057	
6	PCB-167			ND		0.018	0.0013	
6	PCB-169			ND		0.018	0.00079	
7	PCB-170			ND		0.018	0.0011	
7	PCB-171/173			ND		0.035	0.0015	
7	PCB-172			ND		0.018	0.0035	
7	PCB-174			ND		0.018	0.0013	
7	PCB-175			ND		0.018	0.00084	
7	PCB-176			ND		0.018	0.00070	
7	PCB-177			ND		0.018	0.0014	
7	PCB-178			ND		0.018	0.00092	
7	PCB-179			ND		0.018	0.0011	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10708873001-R
Lab File ID: P241016A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 13:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 06:58
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2270mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND		0.035	0.0032	
7	PCB-181			ND		0.018	0.0012	
7	PCB-182			ND		0.018	0.00096	
7	PCB-183/185			ND		0.035	0.0021	
7	PCB-184			ND		0.018	0.00049	
7	PCB-186			ND		0.018	0.0012	
7	PCB-187	42.65	1.05	0.021		0.018	0.0013	
7	PCB-188			ND		0.018	0.00056	
7	PCB-189			ND		0.018	0.00088	
7	PCB-190			ND		0.018	0.0012	
7	PCB-191			ND		0.018	0.0011	
7	PCB-192			ND		0.018	0.0011	
8	PCB-194			ND		0.018	0.00091	
8	PCB-195			ND		0.018	0.0012	
8	PCB-196			ND		0.018	0.00087	
8	PCB-197/200			ND		0.035	0.0015	
8	PCB-198/199			ND		0.035	0.0015	
8	PCB-201			ND		0.018	0.00045	
8	PCB-202			ND		0.018	0.00094	
8	PCB-203			ND		0.018	0.00079	
8	PCB-204			ND		0.018	0.00091	
8	PCB-205			ND		0.018	0.0011	
9	PCB-206			ND		0.018	0.0016	
9	PCB-207			ND		0.018	0.0010	
9	PCB-208			ND		0.018	0.00093	
10	PCB-209			ND		0.018	0.0055	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10708873001-R
Lab File ID: P241016A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 13:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 06:58
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2270mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.084	
Total TrCB	0.020	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	0.088	
Total HpCB	0.021	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	0.21	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10708873002-R
Lab File ID: P241016A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 17:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 07:59
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115136

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1620mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.91	2.99	2.0	0.59	29	
1	PCB-003L	12.71	2.99	2.0	0.69	34	
2	PCB-004L	13.01	1.54	2.0	0.69	34	
2	PCB-015L	20.11	1.57	2.0	0.78	39	
3	PCB-019L	16.83	1.02	2.0	0.61	30	
3	PCB-037L	27.91	1.04	2.0	0.90	45	
4	PCB-054L	20.44	0.80	2.0	0.46	23	
4	PCB-077L	35.64	0.80	2.0	1.3	66	
4	PCB-081L	35.05	0.78	2.0	1.3	64	
5	PCB-104L	26.56	1.56	2.0	0.40	20	
5	PCB-105L	39.24	1.58	2.0	1.3	66	
5	PCB-114L	38.59	1.60	2.0	1.2	62	
5	PCB-118L	38.04	1.62	2.0	1.3	63	
5	PCB-123L	37.70	1.61	2.0	1.2	61	
5	PCB-126L	42.43	1.61	2.0	1.4	71	
6	PCB-155L	32.64	1.25	2.0	0.42	21	
6	PCB-156/157L	45.50	1.29	4.0	2.9	72	
6	PCB-167L	44.31	1.26	2.0	1.5	73	
6	PCB-169L	48.81	1.29	2.0	1.4	69	
7	PCB-188L	38.56	1.06	2.0	1.2	62	
7	PCB-189L	51.35	1.06	2.0	1.6	79	
8	PCB-202L	44.04	0.90	2.0	1.7	84	
8	PCB-205L	53.96	0.89	2.0	1.5	74	
9	PCB-206L	55.70	0.80	2.0	1.4	70	
9	PCB-208L	50.85	0.79	2.0	1.7	85	
10	PCB-209L	57.32	0.70	2.0	1.4	72	
Recovery Standards							
2	PCB-009L	15.48	1.58	2.0	1.7	N/A	
4	PCB-052L	25.53	0.77	2.0	2.3	N/A	
5	PCB-101L	32.85	1.60	2.0	2.4	N/A	
6	PCB-138L	41.22	1.27	2.0	2.4	N/A	
8	PCB-194L	53.46	0.91	2.0	2.0	N/A	
Cleanup Standards							
3	PCB-028L	23.53	1.03	2.0	1.2	60	
5	PCB-111L	35.65	1.54	2.0	1.4	70	
7	PCB-178L	41.67	1.05	2.0	1.7	83	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10708873002-R
Lab File ID: P241016A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 17:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 07:59
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1620mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.025	0.0044	
1	PCB-002			ND		0.025	0.0045	
1	PCB-003			ND		0.025	0.0083	
2	PCB-004	13.03	1.59	0.098		0.025	0.0056	
2	PCB-005			ND		0.025	0.0060	
2	PCB-006			ND		0.025	0.0030	
2	PCB-007			ND		0.025	0.0029	
2	PCB-008			ND		0.025	0.0059	
2	PCB-009			ND		0.025	0.0012	
2	PCB-010			ND		0.025	0.0013	
2	PCB-011			ND		0.24	0.064	
2	PCB-012/013			ND		0.049	0.0032	
2	PCB-014			ND		0.025	0.0011	
2	PCB-015			ND		0.033	0.0064	
3	PCB-016			ND		0.025	0.0036	
3	PCB-017			ND		0.025	0.0040	
3	PCB-018/030			ND		0.049	0.0065	
3	PCB-019			ND		0.025	0.0034	
3	PCB-020/028			ND		0.13	0.0074	
3	PCB-021/033			ND		0.13	0.0061	
3	PCB-022			ND		0.094	0.0040	
3	PCB-023			ND		0.025	0.0012	
3	PCB-024			ND		0.025	0.0014	
3	PCB-025			ND		0.025	0.0016	
3	PCB-026/029			ND		0.049	0.0026	
3	PCB-027			ND		0.025	0.0011	
3	PCB-031			ND		0.13	0.0090	
3	PCB-032			ND		0.025	0.0030	
3	PCB-034			ND		0.025	0.0012	
3	PCB-035			ND		0.025	0.0012	
3	PCB-036			ND		0.025	0.0012	
3	PCB-037			ND		0.052	0.0030	
3	PCB-038			ND		0.025	0.0012	
3	PCB-039			ND		0.025	0.0016	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10708873002-R
Lab File ID: P241016A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 17:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 07:59
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1620mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.074	0.0051	
4	PCB-042			ND		0.025	0.0027	
4	PCB-043/073			ND		0.049	0.0024	
4	PCB-044/047/065			ND		0.074	0.0072	
4	PCB-045/051			ND		0.049	0.0037	
4	PCB-046			ND		0.025	0.0017	
4	PCB-048			ND		0.025	0.0020	
4	PCB-069/049			ND		0.049	0.0042	
4	PCB-050/053			ND		0.049	0.0021	
4	PCB-052			ND		0.13	0.015	
4	PCB-054			ND		0.025	0.0011	
4	PCB-055			ND		0.025	0.0017	
4	PCB-056			ND		0.025	0.0038	
4	PCB-057			ND		0.025	0.0011	
4	PCB-058			ND		0.025	0.0014	
4	PCB-059/062/075			ND		0.074	0.0025	
4	PCB-060			ND		0.025	0.0021	
4	PCB-061/070/074/076			ND		0.099	0.0089	
4	PCB-063			ND		0.025	0.00097	
4	PCB-064			ND		0.025	0.0024	
4	PCB-066			ND		0.058	0.0046	
4	PCB-067			ND		0.025	0.0014	
4	PCB-068			ND		0.025	0.0012	
4	PCB-072			ND		0.025	0.00087	
4	PCB-077			ND		0.025	0.0015	
4	PCB-078			ND		0.025	0.0013	
4	PCB-079			ND		0.025	0.00087	
4	PCB-080			ND		0.025	0.0012	
4	PCB-081			ND		0.025	0.00083	
5	PCB-082			ND		0.025	0.0015	
5	PCB-083			ND		0.025	0.0013	
5	PCB-084			ND		0.025	0.0026	
5	PCB-085/116/117			ND		0.074	0.0034	
5	PCB-086/087/097/108/119/12			ND		0.15	0.0065	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10708873002-R
Lab File ID: P241016A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 17:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 07:59
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1620mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.049	0.0020	
5	PCB-089			ND		0.025	0.0014	
5	PCB-090/101/113			ND		0.074	0.0051	
5	PCB-092			ND		0.025	0.0011	
5	PCB-093/098/100/102			ND		0.099	0.0046	
5	PCB-094			ND		0.025	0.00092	
5	PCB-095			ND		0.069	0.0069	
5	PCB-096			ND		0.025	0.00093	
5	PCB-099			ND		0.025	0.0021	
5	PCB-103			ND		0.025	0.00076	
5	PCB-104			ND		0.025	0.0014	
5	PCB-105			ND		0.025	0.0032	
5	PCB-106			ND		0.025	0.0012	
5	PCB-107/124			ND		0.049	0.0022	
5	PCB-109			ND		0.025	0.0016	
5	PCB-110/115			ND		0.049	0.0056	
5	PCB-111			ND		0.025	0.00097	
5	PCB-112			ND		0.025	0.0015	
5	PCB-114			ND		0.025	0.0013	
5	PCB-118			ND		0.039	0.0057	
5	PCB-120			ND		0.025	0.00095	
5	PCB-121			ND		0.025	0.0013	
5	PCB-122			ND		0.025	0.0014	
5	PCB-123			ND		0.025	0.0015	
5	PCB-126			ND		0.025	0.00079	
5	PCB-127			ND		0.025	0.0012	
6	PCB-128/166			ND		0.049	0.0027	
6	PCB-129/138/163			ND		0.074	0.0056	
6	PCB-130			ND		0.025	0.0014	
6	PCB-131			ND		0.025	0.0016	
6	PCB-132			ND		0.025	0.0018	
6	PCB-133			ND		0.025	0.0012	
6	PCB-134/143			ND		0.049	0.0030	
6	PCB-135/151			ND		0.049	0.0033	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10708873002-R
Lab File ID: P241016A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 17:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 07:59
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1620mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.025	0.0017	
6	PCB-137			ND		0.025	0.0018	
6	PCB-139/140			ND		0.049	0.0023	
6	PCB-141			ND		0.025	0.0022	
6	PCB-142			ND		0.025	0.0015	
6	PCB-144			ND		0.025	0.0010	
6	PCB-145			ND		0.025	0.0011	
6	PCB-146			ND		0.025	0.0014	
6	PCB-147/149			ND		0.049	0.0042	
6	PCB-148			ND		0.025	0.0012	
6	PCB-150			ND		0.025	0.0012	
6	PCB-152			ND		0.025	0.00094	
6	PCB-153/168			ND		0.049	0.0033	
6	PCB-154			ND		0.025	0.0015	
6	PCB-155			ND		0.025	0.0013	
6	PCB-156/157			ND		0.049	0.0018	
6	PCB-158			ND		0.025	0.0014	
6	PCB-159			ND		0.025	0.0012	
6	PCB-160			ND		0.025	0.0014	
6	PCB-161			ND		0.025	0.00069	
6	PCB-162			ND		0.025	0.0012	
6	PCB-164			ND		0.025	0.0015	
6	PCB-165			ND		0.025	0.00080	
6	PCB-167			ND		0.025	0.0018	
6	PCB-169			ND		0.025	0.0011	
7	PCB-170			ND		0.025	0.0016	
7	PCB-171/173			ND		0.049	0.0020	
7	PCB-172			ND		0.025	0.0049	
7	PCB-174			ND		0.025	0.0018	
7	PCB-175			ND		0.025	0.0012	
7	PCB-176			ND		0.025	0.00098	
7	PCB-177			ND		0.025	0.0020	
7	PCB-178			ND		0.025	0.0013	
7	PCB-179			ND		0.025	0.0015	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10708873002-R
Lab File ID: P241016A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 17:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 07:59
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1620mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND		0.049	0.0045	
7	PCB-181			ND		0.025	0.0016	
7	PCB-182			ND		0.025	0.0013	
7	PCB-183/185			ND		0.049	0.0030	
7	PCB-184			ND		0.025	0.00069	
7	PCB-186			ND		0.025	0.0016	
7	PCB-187			ND		0.025	0.0018	
7	PCB-188			ND		0.025	0.00078	
7	PCB-189			ND		0.025	0.0012	
7	PCB-190			ND		0.025	0.0017	
7	PCB-191			ND		0.025	0.0016	
7	PCB-192			ND		0.025	0.0016	
8	PCB-194			ND		0.025	0.0013	
8	PCB-195			ND		0.025	0.0016	
8	PCB-196			ND		0.025	0.0012	
8	PCB-197/200			ND		0.049	0.0021	
8	PCB-198/199			ND		0.049	0.0021	
8	PCB-201			ND		0.025	0.00063	
8	PCB-202			ND		0.025	0.0013	
8	PCB-203			ND		0.025	0.0011	
8	PCB-204			ND		0.025	0.0013	
8	PCB-205			ND		0.025	0.0015	
9	PCB-206			ND		0.025	0.0022	
9	PCB-207			ND		0.025	0.0015	
9	PCB-208			ND		0.025	0.0013	
10	PCB-209			ND		0.025	0.0077	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10708873002-R
Lab File ID: P241016A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 17:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 07:59
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1620mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.098	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	ND	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	0.098	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10708873003-R
Lab File ID: P241016A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 15:45
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 09:00
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115136

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2080mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.96	2.98	2.0	0.54	27	
1	PCB-003L	12.75	3.15	2.0	0.65	32	
2	PCB-004L	13.04	1.57	2.0	0.64	32	
2	PCB-015L	20.12	1.60	2.0	0.85	42	
3	PCB-019L	16.84	1.06	2.0	0.61	30	
3	PCB-037L	27.91	1.06	2.0	1.1	56	
4	PCB-054L	20.45	0.78	2.0	0.49	24	
4	PCB-077L	35.64	0.81	2.0	1.6	78	
4	PCB-081L	35.06	0.80	2.0	1.6	78	
5	PCB-104L	26.58	1.57	2.0	0.47	23	
5	PCB-105L	39.26	1.63	2.0	1.5	74	
5	PCB-114L	38.61	1.66	2.0	1.5	74	
5	PCB-118L	38.03	1.62	2.0	1.5	74	
5	PCB-123L	37.70	1.59	2.0	1.5	73	
5	PCB-126L	42.43	1.59	2.0	1.5	75	
6	PCB-155L	32.63	1.25	2.0	0.68	34	
6	PCB-156/157L	45.50	1.29	4.0	3.1	77	
6	PCB-167L	44.33	1.28	2.0	1.6	79	
6	PCB-169L	48.81	1.27	2.0	1.4	71	
7	PCB-188L	38.57	1.01	2.0	1.8	88	
7	PCB-189L	51.37	1.06	2.0	1.6	78	
8	PCB-202L	44.06	0.90	2.0	2.0	98	
8	PCB-205L	53.96	0.89	2.0	1.5	76	
9	PCB-206L	55.70	0.79	2.0	1.4	72	
9	PCB-208L	50.85	0.80	2.0	1.8	88	
10	PCB-209L	57.32	0.70	2.0	1.5	74	
Recovery Standards							
2	PCB-009L	15.50	1.60	2.0	1.5	N/A	
4	PCB-052L	25.54	0.78	2.0	2.0	N/A	
5	PCB-101L	32.85	1.55	2.0	2.2	N/A	
6	PCB-138L	41.24	1.26	2.0	2.1	N/A	
8	PCB-194L	53.48	0.90	2.0	1.7	N/A	
Cleanup Standards							
3	PCB-028L	23.55	1.05	2.0	1.4	69	
5	PCB-111L	35.67	1.60	2.0	1.6	78	
7	PCB-178L	41.69	1.04	2.0	1.9	94	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10708873003-R
Lab File ID: P241016A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 15:45
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 09:00
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2080mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.019	0.0034	
1	PCB-002			ND		0.019	0.0035	
1	PCB-003			ND		0.019	0.0065	
2	PCB-004	13.05	1.49	0.31		0.019	0.0043	
2	PCB-005			ND		0.019	0.0046	
2	PCB-006			ND		0.019	0.0024	
2	PCB-007			ND		0.019	0.0022	
2	PCB-008	16.53	1.53	0.032		0.019	0.0046	
2	PCB-009			ND		0.019	0.00091	
2	PCB-010			ND		0.019	0.0010	
2	PCB-011			ND		0.19	0.050	
2	PCB-012/013			ND		0.038	0.0025	
2	PCB-014			ND		0.019	0.00088	
2	PCB-015	20.14	1.49	0.026		0.025	0.0050	
3	PCB-016	20.07	1.02	0.021		0.019	0.0028	
3	PCB-017	19.56	1.05	0.042		0.019	0.0031	
3	PCB-018/030	19.07	1.02	0.048		0.038	0.0051	
3	PCB-019	16.87	1.08	0.065		0.019	0.0026	
3	PCB-020/028			ND		0.099	0.0058	
3	PCB-021/033			ND		0.10	0.0048	
3	PCB-022			ND		0.073	0.0031	
3	PCB-023			ND		0.019	0.00095	
3	PCB-024			ND		0.019	0.0011	
3	PCB-025			ND		0.019	0.0012	
3	PCB-026/029			ND		0.038	0.0020	
3	PCB-027			ND		0.019	0.00086	
3	PCB-031			ND		0.100	0.0070	
3	PCB-032			ND		0.019	0.0023	
3	PCB-034			ND		0.019	0.00094	
3	PCB-035			ND		0.019	0.00095	
3	PCB-036			ND		0.019	0.00090	
3	PCB-037			ND		0.041	0.0023	
3	PCB-038			ND		0.019	0.00094	
3	PCB-039			ND		0.019	0.0012	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10708873003-R
Lab File ID: P241016A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 15:45
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 09:00
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2080mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.058	0.0040	
4	PCB-042			ND		0.019	0.0021	
4	PCB-043/073			ND		0.038	0.0019	
4	PCB-044/047/065	26.69	0.78	0.079		0.058	0.0056	
4	PCB-045/051			ND		0.038	0.0029	
4	PCB-046			ND		0.019	0.0013	
4	PCB-048			ND		0.019	0.0015	
4	PCB-069/049	26.10	0.75	0.045		0.038	0.0032	
4	PCB-050/053			ND		0.038	0.0017	
4	PCB-052			ND		0.099	0.012	
4	PCB-054			ND		0.019	0.00088	
4	PCB-055			ND		0.019	0.0013	
4	PCB-056			ND		0.019	0.0029	
4	PCB-057			ND		0.019	0.00088	
4	PCB-058			ND		0.019	0.0011	
4	PCB-059/062/075			ND		0.058	0.0020	
4	PCB-060			ND		0.019	0.0016	
4	PCB-061/070/074/076			ND		0.077	0.0069	
4	PCB-063			ND		0.019	0.00075	
4	PCB-064			ND		0.019	0.0019	
4	PCB-066			ND		0.045	0.0036	
4	PCB-067			ND		0.019	0.0011	
4	PCB-068			ND		0.019	0.00096	
4	PCB-072			ND		0.019	0.00068	
4	PCB-077			ND		0.019	0.0012	
4	PCB-078			ND		0.019	0.00098	
4	PCB-079			ND		0.019	0.00068	
4	PCB-080			ND		0.019	0.00095	
4	PCB-081			ND		0.019	0.00064	
5	PCB-082			ND		0.019	0.0012	
5	PCB-083			ND		0.019	0.0010	
5	PCB-084			ND		0.019	0.0020	
5	PCB-085/116/117			ND		0.058	0.0027	
5	PCB-086/087/097/108/119/12			ND		0.12	0.0051	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10708873003-R
Lab File ID: P241016A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 15:45
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 09:00
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2080mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.038	0.0015	
5	PCB-089			ND		0.019	0.0011	
5	PCB-090/101/113	32.88	1.62	0.077		0.058	0.0039	
5	PCB-092	32.26	1.64	0.020		0.019	0.00083	
5	PCB-093/098/100/102			ND		0.077	0.0035	
5	PCB-094			ND		0.019	0.00072	
5	PCB-095	29.77	1.58	0.062		0.054	0.0054	
5	PCB-096			ND		0.019	0.00073	
5	PCB-099	33.50	1.62	0.034		0.019	0.0016	
5	PCB-103			ND		0.019	0.00059	
5	PCB-104			ND		0.019	0.0011	
5	PCB-105			ND		0.019	0.0025	
5	PCB-106			ND		0.019	0.00097	
5	PCB-107/124			ND		0.038	0.0017	
5	PCB-109			ND		0.019	0.0012	
5	PCB-110/115	34.94	1.56	0.080	U	0.038	0.0044	
5	PCB-111			ND		0.019	0.00076	
5	PCB-112			ND		0.019	0.0012	
5	PCB-114			ND		0.019	0.00098	
5	PCB-118	38.07	1.57	0.042		0.030	0.0045	
5	PCB-120			ND		0.019	0.00074	
5	PCB-121			ND		0.019	0.0010	
5	PCB-122			ND		0.019	0.0011	
5	PCB-123			ND		0.019	0.0011	
5	PCB-126			ND		0.019	0.00062	
5	PCB-127			ND		0.019	0.00097	
6	PCB-128/166			ND		0.038	0.0021	
6	PCB-129/138/163	41.27	1.21	0.13		0.058	0.0043	
6	PCB-130			ND		0.019	0.0011	
6	PCB-131			ND		0.019	0.0013	
6	PCB-132	38.15	1.21	0.032		0.019	0.0014	
6	PCB-133			ND		0.019	0.00091	
6	PCB-134/143			ND		0.038	0.0024	
6	PCB-135/151	35.90	1.28	0.053		0.038	0.0026	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10708873003-R
Lab File ID: P241016A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 15:45
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 09:00
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2080mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.019	0.0013	
6	PCB-137			ND		0.019	0.0014	
6	PCB-139/140			ND		0.038	0.0018	
6	PCB-141	40.18	1.28	0.025		0.019	0.0017	
6	PCB-142			ND		0.019	0.0012	
6	PCB-144			ND		0.019	0.00077	
6	PCB-145			ND		0.019	0.00088	
6	PCB-146	39.34	1.33	0.020		0.019	0.0011	
6	PCB-147/149	36.86	1.20	0.091	U	0.038	0.0033	
6	PCB-148			ND		0.019	0.00090	
6	PCB-150			ND		0.019	0.00091	
6	PCB-152			ND		0.019	0.00073	
6	PCB-153/168	39.98	1.26	0.11		0.038	0.0026	
6	PCB-154			ND		0.019	0.0011	
6	PCB-155			ND		0.019	0.0010	
6	PCB-156/157			ND		0.038	0.0014	
6	PCB-158			ND		0.019	0.0011	
6	PCB-159			ND		0.019	0.00095	
6	PCB-160			ND		0.019	0.0011	
6	PCB-161			ND		0.019	0.00054	
6	PCB-162			ND		0.019	0.00096	
6	PCB-164			ND		0.019	0.0012	
6	PCB-165			ND		0.019	0.00062	
6	PCB-167			ND		0.019	0.0014	
6	PCB-169			ND		0.019	0.00086	
7	PCB-170	48.20	0.99	0.043		0.019	0.0012	
7	PCB-171/173			ND		0.038	0.0016	
7	PCB-172			ND		0.019	0.0038	
7	PCB-174	43.51	0.97	0.040		0.019	0.0014	
7	PCB-175			ND		0.019	0.00091	
7	PCB-176			ND		0.019	0.00076	
7	PCB-177	43.96	1.05	0.025		0.019	0.0016	
7	PCB-178			ND		0.019	0.0010	
7	PCB-179			ND		0.019	0.0012	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10708873003-R
Lab File ID: P241016A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 15:45
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 09:00
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2080mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.93	1.04	0.095		0.038	0.0035	
7	PCB-181			ND		0.019	0.0013	
7	PCB-182			ND		0.019	0.0010	
7	PCB-183/185			ND		0.038	0.0023	
7	PCB-184			ND		0.019	0.00054	
7	PCB-186			ND		0.019	0.0013	
7	PCB-187	42.65	1.12	0.049		0.019	0.0014	
7	PCB-188			ND		0.019	0.00061	
7	PCB-189			ND		0.019	0.00096	
7	PCB-190			ND		0.019	0.0013	
7	PCB-191			ND		0.019	0.0012	
7	PCB-192			ND		0.019	0.0012	
8	PCB-194	53.51	1.00	0.024		0.019	0.00099	
8	PCB-195			ND		0.019	0.0013	
8	PCB-196			ND		0.019	0.00095	
8	PCB-197/200			ND		0.038	0.0016	
8	PCB-198/199			ND		0.038	0.0017	
8	PCB-201			ND		0.019	0.00049	
8	PCB-202			ND		0.019	0.0010	
8	PCB-203			ND		0.019	0.00086	
8	PCB-204			ND		0.019	0.00099	
8	PCB-205			ND		0.019	0.0012	
9	PCB-206			ND		0.019	0.0017	
9	PCB-207			ND		0.019	0.0011	
9	PCB-208			ND		0.019	0.0010	
10	PCB-209			ND		0.019	0.0060	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10708873003-R
Lab File ID: P241016A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 15:45
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 09:00
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2080mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.36	
Total TrCB	0.18	
Total TeCB	0.12	
Total PeCB	0.32	
Total HxCB	0.46	
Total HpCB	0.25	
Total OcCB	0.024	
Total NoCB	ND	
DeCB	ND	
Total PCBs	1.7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10708873004-R
Lab File ID: P241016A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 18:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 10:02
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115136

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2190mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.96	2.96	2.0	0.53	27	
1	PCB-003L	12.75	3.12	2.0	0.64	32	
2	PCB-004L	13.04	1.53	2.0	0.64	32	
2	PCB-015L	20.12	1.57	2.0	0.74	37	
3	PCB-019L	16.85	1.01	2.0	0.58	29	
3	PCB-037L	27.91	1.06	2.0	0.87	43	
4	PCB-054L	20.45	0.79	2.0	0.44	22	
4	PCB-077L	35.64	0.79	2.0	1.4	68	
4	PCB-081L	35.05	0.79	2.0	1.3	65	
5	PCB-104L	26.58	1.56	2.0	0.36	18	
5	PCB-105L	39.26	1.61	2.0	1.5	73	
5	PCB-114L	38.59	1.61	2.0	1.3	65	
5	PCB-118L	38.04	1.61	2.0	1.3	67	
5	PCB-123L	37.70	1.60	2.0	1.3	64	
5	PCB-126L	42.43	1.64	2.0	1.5	76	
6	PCB-155L	32.64	1.25	2.0	0.35	18	
6	PCB-156/157L	45.50	1.27	4.0	3.1	78	
6	PCB-167L	44.33	1.29	2.0	1.6	79	
6	PCB-169L	48.81	1.29	2.0	1.5	73	
7	PCB-188L	38.57	1.04	2.0	1.3	67	
7	PCB-189L	51.37	1.07	2.0	1.7	87	
8	PCB-202L	44.06	0.89	2.0	1.9	97	
8	PCB-205L	53.96	0.90	2.0	1.6	78	
9	PCB-206L	55.70	0.79	2.0	1.5	75	
9	PCB-208L	50.85	0.79	2.0	1.8	92	
10	PCB-209L	57.32	0.71	2.0	1.5	74	
Recovery Standards							
2	PCB-009L	15.50	1.58	2.0	1.6	N/A	
4	PCB-052L	25.54	0.78	2.0	2.1	N/A	
5	PCB-101L	32.85	1.64	2.0	2.1	N/A	
6	PCB-138L	41.24	1.23	2.0	2.2	N/A	
8	PCB-194L	53.48	0.89	2.0	1.7	N/A	
Cleanup Standards							
3	PCB-028L	23.55	1.05	2.0	1.4	68	
5	PCB-111L	35.67	1.61	2.0	1.6	78	
7	PCB-178L	41.69	1.04	2.0	1.8	91	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10708873004-R
Lab File ID: P241016A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 18:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 10:02
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2190mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.018	0.0032	
1	PCB-002			ND		0.018	0.0033	
1	PCB-003			ND		0.018	0.0061	
2	PCB-004			ND		0.018	0.0041	
2	PCB-005			ND		0.018	0.0044	
2	PCB-006			ND		0.018	0.0022	
2	PCB-007			ND		0.018	0.0021	
2	PCB-008			ND		0.018	0.0044	
2	PCB-009			ND		0.018	0.00086	
2	PCB-010			ND		0.018	0.00099	
2	PCB-011			ND		0.18	0.048	
2	PCB-012/013			ND		0.037	0.0024	
2	PCB-014			ND		0.018	0.00084	
2	PCB-015			ND		0.024	0.0047	
3	PCB-016			ND		0.018	0.0027	
3	PCB-017			ND		0.018	0.0030	
3	PCB-018/030			ND		0.037	0.0049	
3	PCB-019			ND		0.018	0.0025	
3	PCB-020/028			ND		0.094	0.0055	
3	PCB-021/033			ND		0.099	0.0045	
3	PCB-022			ND		0.070	0.0030	
3	PCB-023			ND		0.018	0.00091	
3	PCB-024			ND		0.018	0.0010	
3	PCB-025			ND		0.018	0.0012	
3	PCB-026/029			ND		0.037	0.0019	
3	PCB-027			ND		0.018	0.00082	
3	PCB-031			ND		0.095	0.0067	
3	PCB-032			ND		0.018	0.0022	
3	PCB-034			ND		0.018	0.00089	
3	PCB-035			ND		0.018	0.00091	
3	PCB-036			ND		0.018	0.00085	
3	PCB-037			ND		0.039	0.0022	
3	PCB-038			ND		0.018	0.00090	
3	PCB-039			ND		0.018	0.0012	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10708873004-R
Lab File ID: P241016A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 18:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 10:02
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2190mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.055	0.0038	
4	PCB-042			ND		0.018	0.0020	
4	PCB-043/073			ND		0.037	0.0018	
4	PCB-044/047/065			ND		0.055	0.0053	
4	PCB-045/051			ND		0.037	0.0027	
4	PCB-046			ND		0.018	0.0012	
4	PCB-048			ND		0.018	0.0015	
4	PCB-069/049			ND		0.037	0.0031	
4	PCB-050/053			ND		0.037	0.0016	
4	PCB-052			ND		0.094	0.011	
4	PCB-054			ND		0.018	0.00084	
4	PCB-055			ND		0.018	0.0012	
4	PCB-056			ND		0.018	0.0028	
4	PCB-057			ND		0.018	0.00084	
4	PCB-058			ND		0.018	0.0011	
4	PCB-059/062/075			ND		0.055	0.0019	
4	PCB-060			ND		0.018	0.0015	
4	PCB-061/070/074/076			ND		0.073	0.0066	
4	PCB-063			ND		0.018	0.00072	
4	PCB-064			ND		0.018	0.0018	
4	PCB-066			ND		0.043	0.0034	
4	PCB-067			ND		0.018	0.0010	
4	PCB-068			ND		0.018	0.00092	
4	PCB-072			ND		0.018	0.00065	
4	PCB-077			ND		0.018	0.0011	
4	PCB-078			ND		0.018	0.00093	
4	PCB-079			ND		0.018	0.00065	
4	PCB-080			ND		0.018	0.00090	
4	PCB-081			ND		0.018	0.00061	
5	PCB-082			ND		0.018	0.0011	
5	PCB-083			ND		0.018	0.00095	
5	PCB-084			ND		0.018	0.0019	
5	PCB-085/116/117			ND		0.055	0.0025	
5	PCB-086/087/097/108/119/12			ND		0.11	0.0048	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10708873004-R
Lab File ID: P241016A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 18:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 10:02
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2190mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.037	0.0015	
5	PCB-089			ND		0.018	0.0010	
5	PCB-090/101/113	32.88	1.54	0.060		0.055	0.0037	
5	PCB-092			ND		0.018	0.00079	
5	PCB-093/098/100/102			ND		0.073	0.0034	
5	PCB-094			ND		0.018	0.00068	
5	PCB-095			ND		0.051	0.0051	
5	PCB-096			ND		0.018	0.00069	
5	PCB-099	33.50	1.64	0.026		0.018	0.0015	
5	PCB-103			ND		0.018	0.00057	
5	PCB-104			ND		0.018	0.0011	
5	PCB-105			ND		0.018	0.0024	
5	PCB-106			ND		0.018	0.00092	
5	PCB-107/124			ND		0.037	0.0016	
5	PCB-109			ND		0.018	0.0012	
5	PCB-110/115	34.94	1.46	0.044	U	0.037	0.0042	
5	PCB-111			ND		0.018	0.00072	
5	PCB-112			ND		0.018	0.0011	
5	PCB-114			ND		0.018	0.00093	
5	PCB-118			ND		0.029	0.0042	
5	PCB-120			ND		0.018	0.00070	
5	PCB-121			ND		0.018	0.00097	
5	PCB-122			ND		0.018	0.0010	
5	PCB-123			ND		0.018	0.0011	
5	PCB-126			ND		0.018	0.00059	
5	PCB-127			ND		0.018	0.00092	
6	PCB-128/166			ND		0.037	0.0020	
6	PCB-129/138/163	41.27	1.24	0.11		0.055	0.0041	
6	PCB-130			ND		0.018	0.0010	
6	PCB-131			ND		0.018	0.0012	
6	PCB-132			ND		0.018	0.0014	
6	PCB-133			ND		0.018	0.00086	
6	PCB-134/143			ND		0.037	0.0023	
6	PCB-135/151	35.90	1.30	0.056		0.037	0.0025	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10708873004-R
Lab File ID: P241016A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 18:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 10:02
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2190mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.018	0.0013	
6	PCB-137			ND		0.018	0.0013	
6	PCB-139/140			ND		0.037	0.0017	
6	PCB-141			ND		0.018	0.0016	
6	PCB-142			ND		0.018	0.0011	
6	PCB-144			ND		0.018	0.00074	
6	PCB-145			ND		0.018	0.00084	
6	PCB-146	39.34	1.26	0.028		0.018	0.0010	
6	PCB-147/149	36.86	1.22	0.100	U	0.037	0.0031	
6	PCB-148			ND		0.018	0.00085	
6	PCB-150			ND		0.018	0.00087	
6	PCB-152			ND		0.018	0.00070	
6	PCB-153/168	39.98	1.25	0.12		0.037	0.0025	
6	PCB-154			ND		0.018	0.0011	
6	PCB-155			ND		0.018	0.00095	
6	PCB-156/157			ND		0.037	0.0014	
6	PCB-158			ND		0.018	0.0010	
6	PCB-159			ND		0.018	0.00091	
6	PCB-160			ND		0.018	0.0010	
6	PCB-161			ND		0.018	0.00051	
6	PCB-162			ND		0.018	0.00092	
6	PCB-164			ND		0.018	0.0011	
6	PCB-165			ND		0.018	0.00059	
6	PCB-167			ND		0.018	0.0013	
6	PCB-169			ND		0.018	0.00082	
7	PCB-170			ND		0.018	0.0012	
7	PCB-171/173			ND		0.037	0.0015	
7	PCB-172			ND		0.018	0.0037	
7	PCB-174			ND		0.018	0.0013	
7	PCB-175			ND		0.018	0.00087	
7	PCB-176			ND		0.018	0.00073	
7	PCB-177	43.96	1.04	0.023		0.018	0.0015	
7	PCB-178			ND		0.018	0.00096	
7	PCB-179			ND		0.018	0.0011	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10708873004-R
Lab File ID: P241016A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 18:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 10:02
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2190mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.91	1.04	0.037		0.037	0.0033	
7	PCB-181			ND		0.018	0.0012	
7	PCB-182			ND		0.018	0.0010	
7	PCB-183/185			ND		0.037	0.0022	
7	PCB-184			ND		0.018	0.00051	
7	PCB-186			ND		0.018	0.0012	
7	PCB-187	42.65	1.02	0.062		0.018	0.0014	
7	PCB-188			ND		0.018	0.00058	
7	PCB-189			ND		0.018	0.00092	
7	PCB-190			ND		0.018	0.0013	
7	PCB-191			ND		0.018	0.0012	
7	PCB-192			ND		0.018	0.0012	
8	PCB-194			ND		0.018	0.00094	
8	PCB-195			ND		0.018	0.0012	
8	PCB-196			ND		0.018	0.00090	
8	PCB-197/200			ND		0.037	0.0015	
8	PCB-198/199			ND		0.037	0.0016	
8	PCB-201			ND		0.018	0.00047	
8	PCB-202			ND		0.018	0.00098	
8	PCB-203			ND		0.018	0.00082	
8	PCB-204			ND		0.018	0.00094	
8	PCB-205			ND		0.018	0.0011	
9	PCB-206			ND		0.018	0.0016	
9	PCB-207			ND		0.018	0.0011	
9	PCB-208			ND		0.018	0.00097	
10	PCB-209			ND		0.018	0.0057	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10708873004-R
Lab File ID: P241016A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/16/2024 18:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 10:02
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2190mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	ND	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	0.13	
Total HxCB	0.42	
Total HpCB	0.12	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	0.67	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10708873005-R
Lab File ID: P241016A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 14:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 11:03
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115136

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2160mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.98	2.97	2.0	0.49	24	
1	PCB-003L	12.77	3.14	2.0	0.56	28	
2	PCB-004L	13.06	1.56	2.0	0.56	28	
2	PCB-015L	20.14	1.57	2.0	0.66	33	
3	PCB-019L	16.86	1.06	2.0	0.52	26	
3	PCB-037L	27.93	1.06	2.0	0.78	39	
4	PCB-054L	20.47	0.79	2.0	0.40	20	
4	PCB-077L	35.65	0.82	2.0	1.2	62	
4	PCB-081L	35.06	0.80	2.0	1.2	61	
5	PCB-104L	26.58	1.56	2.0	0.35	17	
5	PCB-105L	39.26	1.63	2.0	1.3	64	
5	PCB-114L	38.60	1.62	2.0	1.2	59	
5	PCB-118L	38.05	1.64	2.0	1.2	61	
5	PCB-123L	37.72	1.60	2.0	1.2	60	
5	PCB-126L	42.45	1.60	2.0	1.3	64	
6	PCB-155L	32.65	1.23	2.0	0.41	21	
6	PCB-156/157L	45.52	1.31	4.0	2.8	70	
6	PCB-167L	44.33	1.30	2.0	1.4	71	
6	PCB-169L	48.82	1.30	2.0	1.3	65	
7	PCB-188L	38.57	1.02	2.0	1.4	68	
7	PCB-189L	51.37	1.07	2.0	1.5	77	
8	PCB-202L	44.06	0.90	2.0	1.8	89	
8	PCB-205L	53.98	0.89	2.0	1.4	71	
9	PCB-206L	55.73	0.79	2.0	1.3	66	
9	PCB-208L	50.88	0.79	2.0	1.7	84	
10	PCB-209L	57.34	0.70	2.0	1.3	66	
Recovery Standards							
2	PCB-009L	15.51	1.60	2.0	1.7	N/A	
4	PCB-052L	25.54	0.78	2.0	2.3	N/A	
5	PCB-101L	32.87	1.55	2.0	2.4	N/A	
6	PCB-138L	41.24	1.28	2.0	2.4	N/A	
8	PCB-194L	53.48	0.91	2.0	1.8	N/A	
Cleanup Standards							
3	PCB-028L	23.56	1.06	2.0	1.3	63	
5	PCB-111L	35.68	1.58	2.0	1.4	69	
7	PCB-178L	41.69	1.03	2.0	1.7	83	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10708873005-R
Lab File ID: P241016A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 14:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 11:03
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2160mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.019	0.0033	
1	PCB-002			ND		0.019	0.0033	
1	PCB-003			ND		0.019	0.0062	
2	PCB-004			ND		0.019	0.0042	
2	PCB-005			ND		0.019	0.0045	
2	PCB-006			ND		0.019	0.0023	
2	PCB-007			ND		0.019	0.0022	
2	PCB-008			ND		0.019	0.0044	
2	PCB-009			ND		0.019	0.00088	
2	PCB-010			ND		0.019	0.0010	
2	PCB-011			ND		0.18	0.048	
2	PCB-012/013			ND		0.037	0.0024	
2	PCB-014			ND		0.019	0.00085	
2	PCB-015			ND		0.024	0.0048	
3	PCB-016			ND		0.019	0.0027	
3	PCB-017			ND		0.019	0.0030	
3	PCB-018/030			ND		0.037	0.0049	
3	PCB-019			ND		0.019	0.0025	
3	PCB-020/028			ND		0.096	0.0056	
3	PCB-021/033			ND		0.10	0.0046	
3	PCB-022			ND		0.071	0.0030	
3	PCB-023			ND		0.019	0.00092	
3	PCB-024			ND		0.019	0.0010	
3	PCB-025			ND		0.019	0.0012	
3	PCB-026/029			ND		0.037	0.0019	
3	PCB-027			ND		0.019	0.00083	
3	PCB-031			ND		0.097	0.0067	
3	PCB-032			ND		0.019	0.0023	
3	PCB-034			ND		0.019	0.00090	
3	PCB-035			ND		0.019	0.00092	
3	PCB-036			ND		0.019	0.00087	
3	PCB-037			ND		0.039	0.0022	
3	PCB-038			ND		0.019	0.00091	
3	PCB-039			ND		0.019	0.0012	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10708873005-R
Lab File ID: P241016A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 14:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 11:03
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2160mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.056	0.0038	
4	PCB-042			ND		0.019	0.0020	
4	PCB-043/073			ND		0.037	0.0018	
4	PCB-044/047/065			ND		0.056	0.0054	
4	PCB-045/051			ND		0.037	0.0028	
4	PCB-046			ND		0.019	0.0013	
4	PCB-048			ND		0.019	0.0015	
4	PCB-069/049			ND		0.037	0.0031	
4	PCB-050/053			ND		0.037	0.0016	
4	PCB-052			ND		0.096	0.011	
4	PCB-054			ND		0.019	0.00085	
4	PCB-055			ND		0.019	0.0013	
4	PCB-056			ND		0.019	0.0028	
4	PCB-057			ND		0.019	0.00085	
4	PCB-058			ND		0.019	0.0011	
4	PCB-059/062/075			ND		0.056	0.0019	
4	PCB-060			ND		0.019	0.0016	
4	PCB-061/070/074/076			ND		0.074	0.0067	
4	PCB-063			ND		0.019	0.00073	
4	PCB-064			ND		0.019	0.0018	
4	PCB-066			ND		0.044	0.0035	
4	PCB-067			ND		0.019	0.0010	
4	PCB-068			ND		0.019	0.00093	
4	PCB-072			ND		0.019	0.00065	
4	PCB-077			ND		0.019	0.0011	
4	PCB-078			ND		0.019	0.00095	
4	PCB-079			ND		0.019	0.00065	
4	PCB-080			ND		0.019	0.00091	
4	PCB-081			ND		0.019	0.00062	
5	PCB-082			ND		0.019	0.0011	
5	PCB-083			ND		0.019	0.00097	
5	PCB-084	30.93	1.55	0.021		0.019	0.0019	
5	PCB-085/116/117			ND		0.056	0.0026	
5	PCB-086/087/097/108/119/12			ND		0.11	0.0049	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10708873005-R
Lab File ID: P241016A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 14:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 11:03
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2160mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.037	0.0015	
5	PCB-089			ND		0.019	0.0011	
5	PCB-090/101/113	32.90	1.56	0.11		0.056	0.0038	
5	PCB-092	32.28	1.59	0.025		0.019	0.00081	
5	PCB-093/098/100/102			ND		0.074	0.0034	
5	PCB-094			ND		0.019	0.00069	
5	PCB-095	29.77	1.59	0.068		0.052	0.0052	
5	PCB-096			ND		0.019	0.00070	
5	PCB-099	33.52	1.59	0.047		0.019	0.0016	
5	PCB-103			ND		0.019	0.00057	
5	PCB-104			ND		0.019	0.0011	
5	PCB-105	39.29	1.62	0.029		0.019	0.0024	
5	PCB-106			ND		0.019	0.00094	
5	PCB-107/124			ND		0.037	0.0017	
5	PCB-109			ND		0.019	0.0012	
5	PCB-110/115	34.96	1.55	0.13	U	0.037	0.0042	
5	PCB-111			ND		0.019	0.00073	
5	PCB-112			ND		0.019	0.0012	
5	PCB-114			ND		0.019	0.00095	
5	PCB-118	38.09	1.58	0.066		0.029	0.0043	
5	PCB-120			ND		0.019	0.00071	
5	PCB-121			ND		0.019	0.00098	
5	PCB-122			ND		0.019	0.0010	
5	PCB-123			ND		0.019	0.0011	
5	PCB-126			ND		0.019	0.00059	
5	PCB-127			ND		0.019	0.00094	
6	PCB-128/166			ND		0.037	0.0020	
6	PCB-129/138/163	41.27	1.26	0.19		0.056	0.0042	
6	PCB-130			ND		0.019	0.0010	
6	PCB-131			ND		0.019	0.0012	
6	PCB-132	38.17	1.28	0.047		0.019	0.0014	
6	PCB-133			ND		0.019	0.00087	
6	PCB-134/143			ND		0.037	0.0023	
6	PCB-135/151	35.92	1.28	0.073		0.037	0.0025	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10708873005-R
Lab File ID: P241016A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 14:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 11:03
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2160mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.019	0.0013	
6	PCB-137			ND		0.019	0.0014	
6	PCB-139/140			ND		0.037	0.0017	
6	PCB-141	40.18	1.26	0.033		0.019	0.0016	
6	PCB-142			ND		0.019	0.0011	
6	PCB-144			ND		0.019	0.00075	
6	PCB-145			ND		0.019	0.00085	
6	PCB-146	39.36	1.17	0.033		0.019	0.0010	
6	PCB-147/149	36.88	1.28	0.14	U	0.037	0.0032	
6	PCB-148			ND		0.019	0.00087	
6	PCB-150			ND		0.019	0.00088	
6	PCB-152			ND		0.019	0.00071	
6	PCB-153/168	40.00	1.23	0.16		0.037	0.0025	
6	PCB-154			ND		0.019	0.0011	
6	PCB-155			ND		0.019	0.00097	
6	PCB-156/157			ND		0.037	0.0014	
6	PCB-158			ND		0.019	0.0010	
6	PCB-159			ND		0.019	0.00092	
6	PCB-160			ND		0.019	0.0010	
6	PCB-161			ND		0.019	0.00052	
6	PCB-162			ND		0.019	0.00093	
6	PCB-164			ND		0.019	0.0012	
6	PCB-165			ND		0.019	0.00060	
6	PCB-167			ND		0.019	0.0013	
6	PCB-169			ND		0.019	0.00083	
7	PCB-170	48.22	1.03	0.049		0.019	0.0012	
7	PCB-171/173			ND		0.037	0.0015	
7	PCB-172			ND		0.019	0.0037	
7	PCB-174	43.52	1.10	0.054		0.019	0.0013	
7	PCB-175			ND		0.019	0.00088	
7	PCB-176			ND		0.019	0.00074	
7	PCB-177	43.98	1.00	0.034		0.019	0.0015	
7	PCB-178			ND		0.019	0.00097	
7	PCB-179	38.94	1.09	0.022		0.019	0.0012	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10708873005-R
Lab File ID: P241016A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 14:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 11:03
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2160mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.93	1.02	0.11		0.037	0.0034	
7	PCB-181			ND		0.019	0.0012	
7	PCB-182			ND		0.019	0.0010	
7	PCB-183/185			ND		0.037	0.0022	
7	PCB-184			ND		0.019	0.00052	
7	PCB-186			ND		0.019	0.0012	
7	PCB-187	42.65	1.01	0.076		0.019	0.0014	
7	PCB-188			ND		0.019	0.00059	
7	PCB-189			ND		0.019	0.00093	
7	PCB-190			ND		0.019	0.0013	
7	PCB-191			ND		0.019	0.0012	
7	PCB-192			ND		0.019	0.0012	
8	PCB-194	53.51	0.93	0.019		0.019	0.00096	
8	PCB-195			ND		0.019	0.0012	
8	PCB-196			ND		0.019	0.00092	
8	PCB-197/200			ND		0.037	0.0015	
8	PCB-198/199			ND		0.037	0.0016	
8	PCB-201			ND		0.019	0.00047	
8	PCB-202			ND		0.019	0.00099	
8	PCB-203			ND		0.019	0.00083	
8	PCB-204			ND		0.019	0.00096	
8	PCB-205			ND		0.019	0.0012	
9	PCB-206			ND		0.019	0.0016	
9	PCB-207			ND		0.019	0.0011	
9	PCB-208			ND		0.019	0.00098	
10	PCB-209			ND		0.019	0.0058	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10708873005-R
Lab File ID: P241016A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 14:30
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 11:03
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2160mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	ND	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	0.49	
Total HxCB	0.68	
Total HpCB	0.34	
Total OcCB	0.019	
Total NoCB	ND	
DeCB	ND	
Total PCBs	1.5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10708873006-R
Lab File ID: P241016A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 17:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 12:05
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115136

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2260mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.98	3.08	2.0	0.55	28	
1	PCB-003L	12.76	3.09	2.0	0.70	35	
2	PCB-004L	13.05	1.52	2.0	0.69	34	
2	PCB-015L	20.13	1.58	2.0	0.81	41	
3	PCB-019L	16.86	1.05	2.0	0.65	33	
3	PCB-037L	27.93	1.05	2.0	0.94	47	
4	PCB-054L	20.47	0.80	2.0	0.50	25	
4	PCB-077L	35.65	0.79	2.0	1.3	67	
4	PCB-081L	35.06	0.78	2.0	1.3	67	
5	PCB-104L	26.58	1.56	2.0	0.41	21	
5	PCB-105L	39.26	1.59	2.0	1.4	70	
5	PCB-114L	38.61	1.60	2.0	1.3	64	
5	PCB-118L	38.05	1.59	2.0	1.3	66	
5	PCB-123L	37.70	1.61	2.0	1.3	65	
5	PCB-126L	42.45	1.59	2.0	1.4	68	
6	PCB-155L	32.64	1.24	2.0	0.47	23	
6	PCB-156/157L	45.52	1.29	4.0	3.1	77	
6	PCB-167L	44.33	1.29	2.0	1.5	76	
6	PCB-169L	48.82	1.27	2.0	1.4	71	
7	PCB-188L	38.57	1.03	2.0	1.5	73	
7	PCB-189L	51.38	1.08	2.0	1.7	84	
8	PCB-202L	44.06	0.90	2.0	1.9	93	
8	PCB-205L	53.96	0.90	2.0	1.5	76	
9	PCB-206L	55.71	0.78	2.0	1.5	74	
9	PCB-208L	50.86	0.79	2.0	1.8	91	
10	PCB-209L	57.33	0.71	2.0	1.5	75	
Recovery Standards							
2	PCB-009L	15.51	1.58	2.0	1.6	N/A	
4	PCB-052L	25.54	0.78	2.0	2.1	N/A	
5	PCB-101L	32.87	1.61	2.0	2.2	N/A	
6	PCB-138L	41.24	1.25	2.0	2.1	N/A	
8	PCB-194L	53.49	0.90	2.0	1.7	N/A	
Cleanup Standards							
3	PCB-028L	23.56	1.06	2.0	1.4	72	
5	PCB-111L	35.68	1.57	2.0	1.6	78	
7	PCB-178L	41.69	1.04	2.0	1.9	97	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10708873006-R
Lab File ID: P241016A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 17:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 12:05
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2260mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.018	0.0031	
1	PCB-002			ND		0.018	0.0032	
1	PCB-003			ND		0.018	0.0060	
2	PCB-004	13.08	1.49	0.033		0.018	0.0040	
2	PCB-005			ND		0.018	0.0043	
2	PCB-006			ND		0.018	0.0022	
2	PCB-007			ND		0.018	0.0021	
2	PCB-008			ND		0.018	0.0042	
2	PCB-009			ND		0.018	0.00084	
2	PCB-010			ND		0.018	0.00096	
2	PCB-011			ND		0.17	0.046	
2	PCB-012/013			ND		0.035	0.0023	
2	PCB-014			ND		0.018	0.00081	
2	PCB-015			ND		0.023	0.0046	
3	PCB-016			ND		0.018	0.0026	
3	PCB-017			ND		0.018	0.0029	
3	PCB-018/030			ND		0.035	0.0047	
3	PCB-019	16.88	0.95	0.028		0.018	0.0024	
3	PCB-020/028			ND		0.091	0.0053	
3	PCB-021/033			ND		0.096	0.0044	
3	PCB-022			ND		0.067	0.0029	
3	PCB-023			ND		0.018	0.00088	
3	PCB-024			ND		0.018	0.00098	
3	PCB-025			ND		0.018	0.0011	
3	PCB-026/029			ND		0.035	0.0018	
3	PCB-027			ND		0.018	0.00079	
3	PCB-031			ND		0.092	0.0064	
3	PCB-032			ND		0.018	0.0022	
3	PCB-034			ND		0.018	0.00086	
3	PCB-035			ND		0.018	0.00088	
3	PCB-036			ND		0.018	0.00083	
3	PCB-037			ND		0.038	0.0021	
3	PCB-038			ND		0.018	0.00087	
3	PCB-039			ND		0.018	0.0011	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10708873006-R
Lab File ID: P241016A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 17:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 12:05
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2260mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.053	0.0036	
4	PCB-042			ND		0.018	0.0019	
4	PCB-043/073			ND		0.035	0.0017	
4	PCB-044/047/065	26.70	0.76	0.13		0.053	0.0051	
4	PCB-045/051			ND		0.035	0.0027	
4	PCB-046			ND		0.018	0.0012	
4	PCB-048			ND		0.018	0.0014	
4	PCB-069/049	26.12	0.75	0.080		0.035	0.0030	
4	PCB-050/053	22.91	0.79	0.040		0.035	0.0015	
4	PCB-052			ND		0.091	0.011	
4	PCB-054			ND		0.018	0.00081	
4	PCB-055			ND		0.018	0.0012	
4	PCB-056			ND		0.018	0.0027	
4	PCB-057			ND		0.018	0.00081	
4	PCB-058			ND		0.018	0.0010	
4	PCB-059/062/075			ND		0.053	0.0018	
4	PCB-060			ND		0.018	0.0015	
4	PCB-061/070/074/076			ND		0.071	0.0064	
4	PCB-063			ND		0.018	0.00070	
4	PCB-064			ND		0.018	0.0017	
4	PCB-066			ND		0.042	0.0033	
4	PCB-067			ND		0.018	0.00097	
4	PCB-068			ND		0.018	0.00089	
4	PCB-072			ND		0.018	0.00062	
4	PCB-077			ND		0.018	0.0011	
4	PCB-078			ND		0.018	0.00090	
4	PCB-079			ND		0.018	0.00062	
4	PCB-080			ND		0.018	0.00087	
4	PCB-081			ND		0.018	0.00059	
5	PCB-082			ND		0.018	0.0011	
5	PCB-083			ND		0.018	0.00092	
5	PCB-084			ND		0.018	0.0019	
5	PCB-085/116/117			ND		0.053	0.0025	
5	PCB-086/087/097/108/119/12			ND		0.11	0.0047	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10708873006-R
Lab File ID: P241016A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 17:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 12:05
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2260mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.035	0.0014	
5	PCB-089			ND		0.018	0.0010	
5	PCB-090/101/113	32.88	1.56	0.13		0.053	0.0036	
5	PCB-092	32.26	1.58	0.038		0.018	0.00077	
5	PCB-093/098/100/102			ND		0.071	0.0033	
5	PCB-094			ND		0.018	0.00066	
5	PCB-095	29.77	1.56	0.094		0.050	0.0050	
5	PCB-096			ND		0.018	0.00067	
5	PCB-099	33.50	1.56	0.056		0.018	0.0015	
5	PCB-103			ND		0.018	0.00055	
5	PCB-104			ND		0.018	0.0010	
5	PCB-105			ND		0.018	0.0023	
5	PCB-106			ND		0.018	0.00089	
5	PCB-107/124			ND		0.035	0.0016	
5	PCB-109			ND		0.018	0.0011	
5	PCB-110/115	34.94	1.61	0.10	U	0.035	0.0040	
5	PCB-111			ND		0.018	0.00070	
5	PCB-112			ND		0.018	0.0011	
5	PCB-114			ND		0.018	0.00090	
5	PCB-118	38.07	1.63	0.047		0.028	0.0041	
5	PCB-120			ND		0.018	0.00068	
5	PCB-121			ND		0.018	0.00094	
5	PCB-122			ND		0.018	0.00097	
5	PCB-123			ND		0.018	0.0011	
5	PCB-126			ND		0.018	0.00057	
5	PCB-127			ND		0.018	0.00089	
6	PCB-128/166			ND		0.035	0.0019	
6	PCB-129/138/163	41.27	1.27	0.20		0.053	0.0040	
6	PCB-130			ND		0.018	0.00097	
6	PCB-131			ND		0.018	0.0012	
6	PCB-132	38.17	1.22	0.048		0.018	0.0013	
6	PCB-133			ND		0.018	0.00083	
6	PCB-134/143			ND		0.035	0.0022	
6	PCB-135/151	35.90	1.28	0.11		0.035	0.0024	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10708873006-R
Lab File ID: P241016A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 17:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 12:05
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2260mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.39	1.29	0.028		0.018	0.0012	
6	PCB-137			ND		0.018	0.0013	
6	PCB-139/140			ND		0.035	0.0017	
6	PCB-141	40.18	1.30	0.037		0.018	0.0016	
6	PCB-142			ND		0.018	0.0011	
6	PCB-144			ND		0.018	0.00071	
6	PCB-145			ND		0.018	0.00081	
6	PCB-146	39.36	1.28	0.045		0.018	0.0010	
6	PCB-147/149	36.86	1.22	0.18	U	0.035	0.0030	
6	PCB-148			ND		0.018	0.00083	
6	PCB-150			ND		0.018	0.00084	
6	PCB-152			ND		0.018	0.00067	
6	PCB-153/168	40.00	1.28	0.22		0.035	0.0024	
6	PCB-154			ND		0.018	0.0010	
6	PCB-155			ND		0.018	0.00092	
6	PCB-156/157			ND		0.035	0.0013	
6	PCB-158			ND		0.018	0.00097	
6	PCB-159			ND		0.018	0.00088	
6	PCB-160			ND		0.018	0.0010	
6	PCB-161			ND		0.018	0.00049	
6	PCB-162			ND		0.018	0.00089	
6	PCB-164			ND		0.018	0.0011	
6	PCB-165			ND		0.018	0.00058	
6	PCB-167			ND		0.018	0.0013	
6	PCB-169			ND		0.018	0.00079	
7	PCB-170	48.22	1.04	0.048		0.018	0.0011	
7	PCB-171/173			ND		0.035	0.0015	
7	PCB-172			ND		0.018	0.0035	
7	PCB-174	43.51	1.05	0.057		0.018	0.0013	
7	PCB-175			ND		0.018	0.00084	
7	PCB-176			ND		0.018	0.00070	
7	PCB-177	43.96	0.96	0.038		0.018	0.0015	
7	PCB-178	41.72	1.02	0.019		0.018	0.00093	
7	PCB-179	38.92	0.97	0.028		0.018	0.0011	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10708873006-R
Lab File ID: P241016A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 17:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 12:05
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2260mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.93	1.05	0.12		0.035	0.0032	
7	PCB-181			ND		0.018	0.0012	
7	PCB-182			ND		0.018	0.00097	
7	PCB-183/185	43.29	0.93	0.038		0.035	0.0021	
7	PCB-184			ND		0.018	0.00050	
7	PCB-186			ND		0.018	0.0012	
7	PCB-187	42.65	1.04	0.083		0.018	0.0013	
7	PCB-188			ND		0.018	0.00056	
7	PCB-189			ND		0.018	0.00089	
7	PCB-190			ND		0.018	0.0012	
7	PCB-191			ND		0.018	0.0011	
7	PCB-192			ND		0.018	0.0011	
8	PCB-194	53.51	0.93	0.020		0.018	0.00091	
8	PCB-195			ND		0.018	0.0012	
8	PCB-196			ND		0.018	0.00087	
8	PCB-197/200			ND		0.035	0.0015	
8	PCB-198/199			ND		0.035	0.0015	
8	PCB-201			ND		0.018	0.00045	
8	PCB-202			ND		0.018	0.00095	
8	PCB-203			ND		0.018	0.00080	
8	PCB-204			ND		0.018	0.00091	
8	PCB-205			ND		0.018	0.0011	
9	PCB-206			ND		0.018	0.0016	
9	PCB-207			ND		0.018	0.0011	
9	PCB-208			ND		0.018	0.00094	
10	PCB-209			ND		0.018	0.0055	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10708873006-R
Lab File ID: P241016A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 17:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 12:05
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2260mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.033	
Total TrCB	0.028	
Total TeCB	0.25	
Total PeCB	0.47	
Total HxCB	0.87	
Total HpCB	0.43	
Total OcCB	0.020	
Total NoCB	ND	
DeCB	ND	
Total PCBs	2.1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10708873007-R
Lab File ID: P241016A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 13:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 13:06
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115136

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2300mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.90	3.07	2.0	0.45	23	
1	PCB-003L	12.71	2.96	2.0	0.57	28	
2	PCB-004L	13.01	1.53	2.0	0.58	29	
2	PCB-015L	20.13	1.58	2.0	0.67	33	
3	PCB-019L	16.84	1.03	2.0	0.53	27	
3	PCB-037L	27.94	1.08	2.0	0.78	39	
4	PCB-054L	20.45	0.77	2.0	0.41	21	
4	PCB-077L	35.65	0.81	2.0	1.2	62	
4	PCB-081L	35.08	0.80	2.0	1.2	60	
5	PCB-104L	26.60	1.58	2.0	0.31	16	
5	PCB-105L	39.28	1.62	2.0	1.3	63	
5	PCB-114L	38.62	1.63	2.0	1.1	57	
5	PCB-118L	38.07	1.59	2.0	1.1	57	
5	PCB-123L	37.72	1.58	2.0	1.1	56	
5	PCB-126L	42.46	1.59	2.0	1.3	66	
6	PCB-155L	32.65	1.24	2.0	0.30	15	
6	PCB-156/157L	45.52	1.30	4.0	2.8	70	
6	PCB-167L	44.35	1.26	2.0	1.4	70	
6	PCB-169L	48.82	1.28	2.0	1.3	65	
7	PCB-188L	38.59	1.04	2.0	1.1	56	
7	PCB-189L	51.39	1.08	2.0	1.7	83	
8	PCB-202L	44.08	0.89	2.0	1.7	83	
8	PCB-205L	53.98	0.88	2.0	1.5	76	
9	PCB-206L	55.73	0.82	2.0	1.4	71	
9	PCB-208L	50.88	0.80	2.0	1.7	84	
10	PCB-209L	57.34	0.71	2.0	1.4	71	
Recovery Standards							
2	PCB-009L	15.48	1.56	2.0	1.7	N/A	
4	PCB-052L	25.56	0.77	2.0	2.1	N/A	
5	PCB-101L	32.88	1.60	2.0	2.2	N/A	
6	PCB-138L	41.26	1.27	2.0	2.2	N/A	
8	PCB-194L	53.51	0.90	2.0	1.8	N/A	
Cleanup Standards							
3	PCB-028L	23.56	1.04	2.0	1.4	69	
5	PCB-111L	35.68	1.60	2.0	1.5	74	
7	PCB-178L	41.71	1.02	2.0	1.8	90	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10708873007-R
Lab File ID: P241016A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 13:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 13:06
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2300mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.017	0.0031	
1	PCB-002			ND		0.017	0.0031	
1	PCB-003			ND		0.017	0.0058	
2	PCB-004	13.03	1.43	0.049		0.017	0.0039	
2	PCB-005			ND		0.017	0.0042	
2	PCB-006			ND		0.017	0.0021	
2	PCB-007			ND		0.017	0.0020	
2	PCB-008			ND		0.017	0.0042	
2	PCB-009			ND		0.017	0.00082	
2	PCB-010			ND		0.017	0.00094	
2	PCB-011			ND		0.17	0.045	
2	PCB-012/013			ND		0.035	0.0023	
2	PCB-014			ND		0.017	0.00080	
2	PCB-015			ND		0.023	0.0045	
3	PCB-016			ND		0.017	0.0025	
3	PCB-017			ND		0.017	0.0028	
3	PCB-018/030			ND		0.035	0.0046	
3	PCB-019	16.86	1.02	0.046		0.017	0.0024	
3	PCB-020/028			ND		0.090	0.0052	
3	PCB-021/033			ND		0.094	0.0043	
3	PCB-022			ND		0.066	0.0028	
3	PCB-023			ND		0.017	0.00086	
3	PCB-024			ND		0.017	0.00096	
3	PCB-025			ND		0.017	0.0011	
3	PCB-026/029			ND		0.035	0.0018	
3	PCB-027			ND		0.017	0.00078	
3	PCB-031			ND		0.090	0.0063	
3	PCB-032			ND		0.017	0.0021	
3	PCB-034			ND		0.017	0.00085	
3	PCB-035			ND		0.017	0.00086	
3	PCB-036			ND		0.017	0.00081	
3	PCB-037			ND		0.037	0.0021	
3	PCB-038			ND		0.017	0.00085	
3	PCB-039			ND		0.017	0.0011	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10708873007-R
Lab File ID: P241016A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 13:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 13:06
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2300mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.052	0.0036	
4	PCB-042			ND		0.017	0.0019	
4	PCB-043/073			ND		0.035	0.0017	
4	PCB-044/047/065	26.72	0.77	0.20		0.052	0.0051	
4	PCB-045/051			ND		0.035	0.0026	
4	PCB-046			ND		0.017	0.0012	
4	PCB-048			ND		0.017	0.0014	
4	PCB-069/049	26.12	0.76	0.12		0.035	0.0029	
4	PCB-050/053	22.91	0.80	0.066		0.035	0.0015	
4	PCB-052	25.57	0.77	0.10		0.090	0.011	
4	PCB-054	20.48	0.79	0.029		0.017	0.00080	
4	PCB-055			ND		0.017	0.0012	
4	PCB-056			ND		0.017	0.0027	
4	PCB-057			ND		0.017	0.00079	
4	PCB-058			ND		0.017	0.0010	
4	PCB-059/062/075			ND		0.052	0.0018	
4	PCB-060			ND		0.017	0.0015	
4	PCB-061/070/074/076			ND		0.070	0.0063	
4	PCB-063			ND		0.017	0.00068	
4	PCB-064			ND		0.017	0.0017	
4	PCB-066			ND		0.041	0.0033	
4	PCB-067			ND		0.017	0.00096	
4	PCB-068			ND		0.017	0.00087	
4	PCB-072			ND		0.017	0.00061	
4	PCB-077			ND		0.017	0.0011	
4	PCB-078			ND		0.017	0.00089	
4	PCB-079			ND		0.017	0.00061	
4	PCB-080			ND		0.017	0.00086	
4	PCB-081			ND		0.017	0.00058	
5	PCB-082			ND		0.017	0.0011	
5	PCB-083			ND		0.017	0.00090	
5	PCB-084			ND		0.017	0.0018	
5	PCB-085/116/117			ND		0.052	0.0024	
5	PCB-086/087/097/108/119/12			ND		0.10	0.0046	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10708873007-R
Lab File ID: P241016A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 13:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 13:06
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2300mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.72	1.60	0.042		0.035	0.0014	
5	PCB-089			ND		0.017	0.00099	
5	PCB-090/101/113	32.90	1.59	0.16		0.052	0.0036	
5	PCB-092	32.28	1.59	0.056		0.017	0.00075	
5	PCB-093/098/100/102			ND		0.070	0.0032	
5	PCB-094			ND		0.017	0.00065	
5	PCB-095	29.79	1.56	0.11		0.049	0.0049	
5	PCB-096			ND		0.017	0.00066	
5	PCB-099	33.52	1.49	0.078		0.017	0.0015	
5	PCB-103			ND		0.017	0.00054	
5	PCB-104			ND		0.017	0.0010	
5	PCB-105			ND		0.017	0.0022	
5	PCB-106			ND		0.017	0.00088	
5	PCB-107/124			ND		0.035	0.0016	
5	PCB-109			ND		0.017	0.0011	
5	PCB-110/115	34.96	1.55	0.12	U	0.035	0.0040	
5	PCB-111			ND		0.017	0.00069	
5	PCB-112			ND		0.017	0.0011	
5	PCB-114			ND		0.017	0.00089	
5	PCB-118	38.09	1.60	0.049		0.027	0.0040	
5	PCB-120			ND		0.017	0.00067	
5	PCB-121			ND		0.017	0.00092	
5	PCB-122			ND		0.017	0.00096	
5	PCB-123			ND		0.017	0.0010	
5	PCB-126			ND		0.017	0.00056	
5	PCB-127			ND		0.017	0.00088	
6	PCB-128/166			ND		0.035	0.0019	
6	PCB-129/138/163	41.29	1.26	0.28		0.052	0.0039	
6	PCB-130			ND		0.017	0.00096	
6	PCB-131			ND		0.017	0.0011	
6	PCB-132	38.17	1.23	0.061		0.017	0.0013	
6	PCB-133			ND		0.017	0.00082	
6	PCB-134/143			ND		0.035	0.0021	
6	PCB-135/151	35.92	1.27	0.17		0.035	0.0023	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10708873007-R
Lab File ID: P241016A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 13:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 13:06
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2300mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.41	1.24	0.038		0.017	0.0012	
6	PCB-137			ND		0.017	0.0013	
6	PCB-139/140			ND		0.035	0.0016	
6	PCB-141	40.20	1.18	0.050		0.017	0.0015	
6	PCB-142			ND		0.017	0.0011	
6	PCB-144			ND		0.017	0.00070	
6	PCB-145			ND		0.017	0.00080	
6	PCB-146	39.38	1.19	0.070		0.017	0.00098	
6	PCB-147/149	36.88	1.25	0.27		0.035	0.0030	
6	PCB-148			ND		0.017	0.00081	
6	PCB-150			ND		0.017	0.00082	
6	PCB-152			ND		0.017	0.00066	
6	PCB-153/168	40.01	1.26	0.32		0.035	0.0023	
6	PCB-154			ND		0.017	0.0010	
6	PCB-155			ND		0.017	0.00090	
6	PCB-156/157			ND		0.035	0.0013	
6	PCB-158			ND		0.017	0.00096	
6	PCB-159			ND		0.017	0.00086	
6	PCB-160			ND		0.017	0.00098	
6	PCB-161			ND		0.017	0.00048	
6	PCB-162			ND		0.017	0.00087	
6	PCB-164	40.95	1.21	0.019		0.017	0.0011	
6	PCB-165			ND		0.017	0.00057	
6	PCB-167			ND		0.017	0.0013	
6	PCB-169			ND		0.017	0.00078	
7	PCB-170	48.22	1.06	0.071		0.017	0.0011	
7	PCB-171/173			ND		0.035	0.0014	
7	PCB-172			ND		0.017	0.0035	
7	PCB-174	43.52	1.03	0.083		0.017	0.0013	
7	PCB-175			ND		0.017	0.00083	
7	PCB-176			ND		0.017	0.00069	
7	PCB-177	43.98	1.00	0.058		0.017	0.0014	
7	PCB-178	41.74	1.04	0.030		0.017	0.00091	
7	PCB-179	38.94	1.04	0.044		0.017	0.0011	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10708873007-R
Lab File ID: P241016A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 13:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 13:06
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2300mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.94	1.02	0.17		0.035	0.0032	
7	PCB-181			ND		0.017	0.0011	
7	PCB-182			ND		0.017	0.00095	
7	PCB-183/185	43.31	1.09	0.055		0.035	0.0021	
7	PCB-184			ND		0.017	0.00049	
7	PCB-186			ND		0.017	0.0011	
7	PCB-187	42.66	1.03	0.13		0.017	0.0013	
7	PCB-188			ND		0.017	0.00055	
7	PCB-189			ND		0.017	0.00087	
7	PCB-190			ND		0.017	0.0012	
7	PCB-191			ND		0.017	0.0011	
7	PCB-192			ND		0.017	0.0011	
8	PCB-194	53.53	0.88	0.028		0.017	0.00090	
8	PCB-195			ND		0.017	0.0011	
8	PCB-196			ND		0.017	0.00086	
8	PCB-197/200			ND		0.035	0.0015	
8	PCB-198/199			ND		0.035	0.0015	
8	PCB-201			ND		0.017	0.00044	
8	PCB-202			ND		0.017	0.00093	
8	PCB-203	49.80	0.90	0.022		0.017	0.00078	
8	PCB-204			ND		0.017	0.00090	
8	PCB-205			ND		0.017	0.0011	
9	PCB-206			ND		0.017	0.0015	
9	PCB-207			ND		0.017	0.0010	
9	PCB-208			ND		0.017	0.00092	
10	PCB-209			ND		0.017	0.0054	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10708873007-R
Lab File ID: P241016A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 13:00
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/16/2024 13:06
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2300mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016A02
CCal File(s): P241016A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.049	
Total TrCB	0.046	
Total TeCB	0.52	
Total PeCB	0.62	
Total HxCB	1.3	
Total HpCB	0.64	
Total OcCB	0.050	
Total NoCB	ND	
DeCB	ND	
Total PCBs	3.2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10708873008-R
Lab File ID: P241016B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 18:20
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/17/2024 01:23
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115136

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2100mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016B02
CCal File(s): P241016B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.97	2.95	2.0	0.43	21	
1	PCB-003L	12.76	3.04	2.0	0.50	25	
2	PCB-004L	13.06	1.52	2.0	0.50	25	
2	PCB-015L	20.17	1.58	2.0	0.60	30	
3	PCB-019L	16.87	1.07	2.0	0.47	24	
3	PCB-037L	27.96	1.05	2.0	0.78	39	
4	PCB-054L	20.48	0.79	2.0	0.37	18	
4	PCB-077L	35.68	0.81	2.0	1.3	63	
4	PCB-081L	35.11	0.79	2.0	1.2	59	
5	PCB-104L	26.63	1.57	2.0	0.35	17	
5	PCB-105L	39.29	1.62	2.0	1.3	64	
5	PCB-114L	38.64	1.63	2.0	1.2	60	
5	PCB-118L	38.08	1.59	2.0	1.2	61	
5	PCB-123L	37.75	1.58	2.0	1.2	59	
5	PCB-126L	42.48	1.57	2.0	1.3	66	
6	PCB-155L	32.68	1.24	2.0	0.43	21	
6	PCB-156/157L	45.55	1.31	4.0	2.5	63	
6	PCB-167L	44.36	1.27	2.0	1.3	64	
6	PCB-169L	48.86	1.33	2.0	1.2	58	
7	PCB-188L	38.60	1.04	2.0	1.2	62	
7	PCB-189L	51.41	1.07	2.0	1.4	71	
8	PCB-202L	44.09	0.87	2.0	1.6	82	
8	PCB-205L	54.00	0.91	2.0	1.3	66	
9	PCB-206L	55.75	0.78	2.0	1.3	67	
9	PCB-208L	50.90	0.79	2.0	1.6	79	
10	PCB-209L	57.36	0.69	2.0	1.4	70	
Recovery Standards							
2	PCB-009L	15.52	1.58	2.0	1.9	N/A	
4	PCB-052L	25.57	0.77	2.0	2.4	N/A	
5	PCB-101L	32.90	1.55	2.0	2.5	N/A	
6	PCB-138L	41.29	1.26	2.0	2.7	N/A	
8	PCB-194L	53.53	0.90	2.0	2.1	N/A	
Cleanup Standards							
3	PCB-028L	23.59	1.02	2.0	1.1	53	
5	PCB-111L	35.71	1.59	2.0	1.3	67	
7	PCB-178L	41.72	1.05	2.0	1.5	75	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10708873008-R
Lab File ID: P241016B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 18:20
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/17/2024 01:23
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2100mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016B02
CCal File(s): P241016B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.019	0.0034	
1	PCB-002			ND		0.019	0.0034	
1	PCB-003			ND		0.019	0.0064	
2	PCB-004	13.08	1.45	0.091		0.019	0.0043	
2	PCB-005			ND		0.019	0.0046	
2	PCB-006			ND		0.019	0.0023	
2	PCB-007			ND		0.019	0.0022	
2	PCB-008	16.55	1.48	0.021		0.019	0.0046	
2	PCB-009			ND		0.019	0.00090	
2	PCB-010			ND		0.019	0.0010	
2	PCB-011			ND		0.19	0.050	
2	PCB-012/013			ND		0.038	0.0025	
2	PCB-014			ND		0.019	0.00087	
2	PCB-015	20.19	1.48	0.026		0.025	0.0049	
3	PCB-016			ND		0.019	0.0028	
3	PCB-017	19.59	1.07	0.025		0.019	0.0031	
3	PCB-018/030			ND		0.038	0.0051	
3	PCB-019	16.89	1.07	0.072		0.019	0.0026	
3	PCB-020/028			ND		0.098	0.0057	
3	PCB-021/033			ND		0.10	0.0047	
3	PCB-022			ND		0.073	0.0031	
3	PCB-023			ND		0.019	0.00095	
3	PCB-024			ND		0.019	0.0011	
3	PCB-025			ND		0.019	0.0012	
3	PCB-026/029			ND		0.038	0.0020	
3	PCB-027			ND		0.019	0.00085	
3	PCB-031			ND		0.099	0.0069	
3	PCB-032			ND		0.019	0.0023	
3	PCB-034			ND		0.019	0.00093	
3	PCB-035			ND		0.019	0.00094	
3	PCB-036			ND		0.019	0.00089	
3	PCB-037			ND		0.040	0.0023	
3	PCB-038			ND		0.019	0.00094	
3	PCB-039			ND		0.019	0.0012	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10708873008-R
Lab File ID: P241016B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 18:20
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/17/2024 01:23
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2100mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016B02
CCal File(s): P241016B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.057	0.0039	
4	PCB-042	27.26	0.76	0.020		0.019	0.0021	
4	PCB-043/073			ND		0.038	0.0019	
4	PCB-044/047/065	26.75	0.78	0.27		0.057	0.0055	
4	PCB-045/051	23.78	0.75	0.052		0.038	0.0029	
4	PCB-046			ND		0.019	0.0013	
4	PCB-048			ND		0.019	0.0015	
4	PCB-069/049	26.15	0.75	0.16		0.038	0.0032	
4	PCB-050/053	22.94	0.75	0.086		0.038	0.0016	
4	PCB-052	25.60	0.78	0.15		0.098	0.012	
4	PCB-054	20.51	0.75	0.037		0.019	0.00087	
4	PCB-055			ND		0.019	0.0013	
4	PCB-056			ND		0.019	0.0029	
4	PCB-057			ND		0.019	0.00087	
4	PCB-058			ND		0.019	0.0011	
4	PCB-059/062/075			ND		0.057	0.0020	
4	PCB-060			ND		0.019	0.0016	
4	PCB-061/070/074/076			ND		0.076	0.0069	
4	PCB-063			ND		0.019	0.00075	
4	PCB-064			ND		0.019	0.0019	
4	PCB-066	31.10	0.73	0.046		0.045	0.0036	
4	PCB-067			ND		0.019	0.0010	
4	PCB-068			ND		0.019	0.00095	
4	PCB-072			ND		0.019	0.00067	
4	PCB-077			ND		0.019	0.0012	
4	PCB-078			ND		0.019	0.00097	
4	PCB-079			ND		0.019	0.00067	
4	PCB-080			ND		0.019	0.00094	
4	PCB-081			ND		0.019	0.00064	
5	PCB-082			ND		0.019	0.0012	
5	PCB-083			ND		0.019	0.00099	
5	PCB-084	30.96	1.53	0.028		0.019	0.0020	
5	PCB-085/116/117			ND		0.057	0.0026	
5	PCB-086/087/097/108/119/12			ND		0.11	0.0050	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10708873008-R
Lab File ID: P241016B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 18:20
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/17/2024 01:23
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2100mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016B02
CCal File(s): P241016B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.75	1.55	0.056		0.038	0.0015	
5	PCB-089			ND		0.019	0.0011	
5	PCB-090/101/113	32.93	1.57	0.26		0.057	0.0039	
5	PCB-092	32.31	1.55	0.078		0.019	0.00083	
5	PCB-093/098/100/102			ND		0.076	0.0035	
5	PCB-094			ND		0.019	0.00071	
5	PCB-095	29.82	1.57	0.18		0.053	0.0054	
5	PCB-096			ND		0.019	0.00072	
5	PCB-099	33.55	1.53	0.11		0.019	0.0016	
5	PCB-103			ND		0.019	0.00059	
5	PCB-104			ND		0.019	0.0011	
5	PCB-105	39.33	1.61	0.028		0.019	0.0025	
5	PCB-106			ND		0.019	0.00096	
5	PCB-107/124			ND		0.038	0.0017	
5	PCB-109			ND		0.019	0.0012	
5	PCB-110/115	34.99	1.54	0.20	U	0.038	0.0044	
5	PCB-111			ND		0.019	0.00075	
5	PCB-112			ND		0.019	0.0012	
5	PCB-114			ND		0.019	0.00097	
5	PCB-118	38.12	1.50	0.096		0.030	0.0044	
5	PCB-120			ND		0.019	0.00073	
5	PCB-121			ND		0.019	0.0010	
5	PCB-122			ND		0.019	0.0010	
5	PCB-123			ND		0.019	0.0011	
5	PCB-126			ND		0.019	0.00061	
5	PCB-127			ND		0.019	0.00096	
6	PCB-128/166			ND		0.038	0.0021	
6	PCB-129/138/163	41.32	1.25	0.48		0.057	0.0043	
6	PCB-130	40.63	1.15	0.030		0.019	0.0010	
6	PCB-131			ND		0.019	0.0013	
6	PCB-132	38.20	1.26	0.12		0.019	0.0014	
6	PCB-133			ND		0.019	0.00090	
6	PCB-134/143			ND		0.038	0.0023	
6	PCB-135/151	35.95	1.22	0.25		0.038	0.0026	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10708873008-R
Lab File ID: P241016B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 18:20
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/17/2024 01:23
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2100mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016B02
CCal File(s): P241016B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.42	1.22	0.059		0.019	0.0013	
6	PCB-137			ND		0.019	0.0014	
6	PCB-139/140			ND		0.038	0.0018	
6	PCB-141	40.23	1.17	0.089		0.019	0.0017	
6	PCB-142			ND		0.019	0.0012	
6	PCB-144	36.53	1.19	0.020		0.019	0.00077	
6	PCB-145			ND		0.019	0.00087	
6	PCB-146	39.39	1.27	0.11		0.019	0.0011	
6	PCB-147/149	36.91	1.25	0.46		0.038	0.0033	
6	PCB-148			ND		0.019	0.00089	
6	PCB-150			ND		0.019	0.00090	
6	PCB-152			ND		0.019	0.00073	
6	PCB-153/168	40.03	1.23	0.52		0.038	0.0026	
6	PCB-154			ND		0.019	0.0011	
6	PCB-155			ND		0.019	0.00099	
6	PCB-156/157			ND		0.038	0.0014	
6	PCB-158	41.72	1.12	0.031		0.019	0.0010	
6	PCB-159			ND		0.019	0.00095	
6	PCB-160			ND		0.019	0.0011	
6	PCB-161			ND		0.019	0.00053	
6	PCB-162			ND		0.019	0.00095	
6	PCB-164	40.99	1.22	0.033		0.019	0.0012	
6	PCB-165			ND		0.019	0.00062	
6	PCB-167			ND		0.019	0.0014	
6	PCB-169			ND		0.019	0.00086	
7	PCB-170	48.25	1.02	0.14		0.019	0.0012	
7	PCB-171/173	44.66	1.04	0.045		0.038	0.0016	
7	PCB-172	46.29	1.07	0.032		0.019	0.0038	
7	PCB-174	43.56	1.07	0.17		0.019	0.0014	
7	PCB-175			ND		0.019	0.00091	
7	PCB-176	39.88	1.03	0.020		0.019	0.00076	
7	PCB-177	44.01	1.04	0.11		0.019	0.0016	
7	PCB-178	41.76	1.02	0.050		0.019	0.0010	
7	PCB-179	38.97	1.00	0.075		0.019	0.0012	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10708873008-R
Lab File ID: P241016B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 18:20
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/17/2024 01:23
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2100mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016B02
CCal File(s): P241016B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.96	1.03	0.33		0.038	0.0035	
7	PCB-181			ND		0.019	0.0013	
7	PCB-182			ND		0.019	0.0010	
7	PCB-183/185	43.34	1.02	0.11		0.038	0.0023	
7	PCB-184			ND		0.019	0.00054	
7	PCB-186			ND		0.019	0.0012	
7	PCB-187	42.70	1.04	0.23		0.019	0.0014	
7	PCB-188			ND		0.019	0.00060	
7	PCB-189			ND		0.019	0.00095	
7	PCB-190	48.81	1.06	0.035		0.019	0.0013	
7	PCB-191			ND		0.019	0.0012	
7	PCB-192			ND		0.019	0.0012	
8	PCB-194	53.55	0.89	0.056		0.019	0.00098	
8	PCB-195	51.18	0.86	0.029		0.019	0.0013	
8	PCB-196	49.63	0.90	0.031		0.019	0.00094	
8	PCB-197/200			ND		0.038	0.0016	
8	PCB-198/199	48.96	0.87	0.065		0.038	0.0017	
8	PCB-201			ND		0.019	0.00049	
8	PCB-202			ND		0.019	0.0010	
8	PCB-203	49.83	0.92	0.043		0.019	0.00086	
8	PCB-204			ND		0.019	0.00098	
8	PCB-205			ND		0.019	0.0012	
9	PCB-206			ND		0.019	0.0017	
9	PCB-207			ND		0.019	0.0011	
9	PCB-208			ND		0.019	0.0010	
10	PCB-209			ND		0.019	0.0060	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10708873008-R
Lab File ID: P241016B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 18:20
Date Received: 09/20/2024 08:50
Date Extracted: 10/10/2024 14:00
Date Analyzed: 10/17/2024 01:23
Method Blank ID: BLANK-115134
Lab Spike ID(s): LCS-115135/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2100mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241016B02
CCal File(s): P241016B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.14	
Total TrCB	0.097	
Total TeCB	0.82	
Total PeCB	1.0	
Total HxCB	2.2	
Total HpCB	1.3	
Total OcCB	0.22	
Total NoCB	ND	
DeCB	ND	
Total PCBs	5.9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY

WO#: 10709116

10709116

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30224932.3000	Invoice to: Arcadis U.S., Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accountspayable.administration@arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET	County / State origin of sample(s): Pittsfield, MA

Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other_____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other_____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	PCB 1668	Sample Comment
HR-EB1	WT		09/17/24	10:45			4			X	
Rising Pond Dam	WT		09/18/24	11:40			4			X	
Rising Pond Dam-Auto	WT		09/18/24	11:40			4			X	
Old Pleasant Street Bridge	WT		09/18/24	14:15			4			X	
Woods Pond Dam	WT		09/18/24	15:00			4			X	
Woods Pond Dam-Auto	WT		09/18/24	15:00			4			X	
New Lenox Rd Bridge	WT		09/18/24	16:20			4			X	
Near Pittsfield WWTP	WT		09/19/24	13:10			4			X	
Pomeroy Avenue Bridge	WT		09/19/24	14:30			4			X	
HR-D1	WT		09/18/24	—			4			X	

Specify Container Size **: 1

Identify Container Preservative Type***: 1

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr:

AcctNum / Client ID:

Table #:

Profile / Template:

Prelog / Bottle Ord. ID: 45643

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By:

Printed Name

Signature

Customer Remarks / Special Conditions / Possible Hazards: Refer to Contract

Coolers: 6 | Thermometer ID: TJ | Correction Factor (°C): -0.1 | Obs. Temp. (°C): | Corrected Temp. (°C): | [ ] Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Roboostoff/Arcadis	09/23/24 17:30		9/24/24 900
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

3.5, 4.1, 3.3, 5.0, 3.2, 2.0

Page 7 of 781

Revision 1

Report No.:10709116_1668C_L4_R1.dft

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30224932.3000	Invoice to: Arcadis U.S. Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accountspayable-administration@arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET	County / State origin of sample(s): Pittsfield, MA

Specify Container Size **: 1

Identify Container Preservative Type***: 1

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 45643

Preservation non-conformance identified for sample.

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	PCB 1668	Sample Comment
Woods Pond Dam (Lab Dup)	WT		09/18/24	15:00			4			X	

Additional Instructions from Pace®:

Collected By:
Printed Name
Signature

Customer Remarks / Special Conditions / Possible Hazards: Refer to Contract

Coolers: 6 | Thermometer ID: TG | Correction Factor (°C): -0.1 | Obs. Temp. (°C): | Corrected Temp. (°C): | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Penelope T. Kabasicz / Arcadis	09/23/24 17:30		9/24/24 900	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

3.5, 4.1, 3.3, 5.0, 3.2, 2.0

Report No: 10709116_1668C_LM_R1.dfr Revision 1

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10709116001
Lab File ID: P241007B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 10:45
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 18:31
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115029

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.99	3.05	2.00	0.958	48	
1	PCB-003L	12.78	3.14	2.00	1.14	57	
2	PCB-004L	13.09	1.50	2.00	1.09	55	
2	PCB-015L	20.17	1.59	2.00	1.38	69	
3	PCB-019L	16.89	1.06	2.00	1.11	56	
3	PCB-037L	27.94	1.07	2.00	1.50	75	
4	PCB-054L	20.50	0.77	2.00	0.991	50	
4	PCB-077L	35.67	0.81	2.00	1.77	88	
4	PCB-081L	35.08	0.77	2.00	1.76	88	
5	PCB-104L	26.63	1.58	2.00	0.988	49	
5	PCB-105L	39.29	1.63	2.00	1.61	81	
5	PCB-114L	38.63	1.61	2.00	1.64	82	
5	PCB-118L	38.08	1.62	2.00	1.60	80	
5	PCB-123L	37.74	1.57	2.00	1.59	80	
5	PCB-126L	42.45	1.56	2.00	1.74	87	
6	PCB-155L	32.68	1.26	2.00	1.03	52	
6	PCB-156/157L	45.53	1.31	4.00	3.21	80	
6	PCB-167L	44.35	1.29	2.00	1.60	80	
6	PCB-169L	48.83	1.29	2.00	1.72	86	
7	PCB-188L	38.61	1.03	2.00	1.28	64	
7	PCB-189L	51.41	1.05	2.00	1.55	78	
8	PCB-202L	44.10	0.89	2.00	1.38	69	
8	PCB-205L	53.99	0.90	2.00	1.53	77	
9	PCB-206L	55.74	0.78	2.00	1.51	75	
9	PCB-208L	50.91	0.79	2.00	1.51	76	
10	PCB-209L	57.35	0.70	2.00	1.59	79	
Recovery Standards							
2	PCB-009L	15.55	1.58	2.00	1.78	N/A	
4	PCB-052L	25.57	0.77	2.00	2.11	N/A	
5	PCB-101L	32.90	1.60	2.00	2.24	N/A	
6	PCB-138L	41.26	1.29	2.00	2.38	N/A	
8	PCB-194L	53.52	0.90	2.00	2.52	N/A	
Cleanup Standards							
3	PCB-028L	23.59	1.08	2.00	1.40	70	
5	PCB-111L	35.70	1.57	2.00	1.52	76	
7	PCB-178L	41.73	1.05	2.00	1.68	84	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10709116001
Lab File ID: P241007B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 10:45
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 18:31
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0235	0.00416	
1	PCB-002			ND		0.0235	0.00423	
1	PCB-003			ND		0.0235	0.00788	
2	PCB-004			ND		0.0235	0.00530	
2	PCB-005			ND		0.0235	0.00567	
2	PCB-006			ND		0.0235	0.00287	
2	PCB-007			ND		0.0235	0.00274	
2	PCB-008			ND		0.0235	0.00561	
2	PCB-009			ND		0.0235	0.00220	
2	PCB-010			ND		0.0235	0.00288	
2	PCB-011			ND		0.230	0.0611	
2	PCB-012/013			ND		0.0469	0.00307	
2	PCB-014			ND		0.0235	0.00202	
2	PCB-015			ND		0.0310	0.00605	
3	PCB-016			ND		0.0235	0.00341	
3	PCB-017			ND		0.0235	0.00380	
3	PCB-018/030			ND		0.0469	0.00622	
3	PCB-019			ND		0.0235	0.00319	
3	PCB-020/028			ND		0.121	0.00705	
3	PCB-021/033			ND		0.127	0.00582	
3	PCB-022			ND		0.0891	0.00384	
3	PCB-023			ND		0.0235	0.00116	
3	PCB-024			ND		0.0235	0.00130	
3	PCB-025			ND		0.0235	0.00151	
3	PCB-026/029			ND		0.0469	0.00244	
3	PCB-027			ND		0.0235	0.00105	
3	PCB-031			ND		0.122	0.00853	
3	PCB-032			ND		0.0235	0.00285	
3	PCB-034			ND		0.0235	0.00114	
3	PCB-035			ND		0.0235	0.00116	
3	PCB-036			ND		0.0235	0.00109	
3	PCB-037			ND		0.0497	0.00284	
3	PCB-038			ND		0.0235	0.00115	
3	PCB-039			ND		0.0235	0.00148	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10709116001
Lab File ID: P241007B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 10:45
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 18:31
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0704	0.00482	
4	PCB-042			ND		0.0235	0.00256	
4	PCB-043/073			ND		0.0469	0.00231	
4	PCB-044/047/065			ND		0.0704	0.00681	
4	PCB-045/051			ND		0.0469	0.00352	
4	PCB-046			ND		0.0235	0.00158	
4	PCB-048			ND		0.0235	0.00186	
4	PCB-069/049			ND		0.0469	0.00395	
4	PCB-050/053			ND		0.0469	0.00202	
4	PCB-052			ND		0.121	0.0142	
4	PCB-054			ND		0.0235	0.00107	
4	PCB-055			ND		0.0235	0.00160	
4	PCB-056			ND		0.0235	0.00359	
4	PCB-057			ND		0.0235	0.00107	
4	PCB-058			ND		0.0235	0.00137	
4	PCB-059/062/075			ND		0.0704	0.00242	
4	PCB-060			ND		0.0235	0.00197	
4	PCB-061/070/074/076			ND		0.0938	0.00847	
4	PCB-063			ND		0.0235	0.00092	
4	PCB-064			ND		0.0235	0.00231	
4	PCB-066			ND		0.0554	0.00441	
4	PCB-067			ND		0.0235	0.00129	
4	PCB-068			ND		0.0235	0.00117	
4	PCB-072			ND		0.0235	0.00086	
4	PCB-077			ND		0.0235	0.00142	
4	PCB-078			ND		0.0235	0.00120	
4	PCB-079			ND		0.0235	0.00082	
4	PCB-080			ND		0.0235	0.00116	
4	PCB-081			ND		0.0235	0.00082	
5	PCB-082			ND		0.0235	0.00142	
5	PCB-083			ND		0.0235	0.00122	
5	PCB-084			ND		0.0235	0.00245	
5	PCB-085/116/117			ND		0.0704	0.00325	
5	PCB-086/087/097/108/119/12			ND		0.141	0.00620	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10709116001
Lab File ID: P241007B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 10:45
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 18:31
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0469	0.00189	
5	PCB-089			ND		0.0235	0.00134	
5	PCB-090/101/113			ND		0.0704	0.00480	
5	PCB-092			ND		0.0235	0.00102	
5	PCB-093/098/100/102			ND		0.0938	0.00433	
5	PCB-094			ND		0.0235	0.00087	
5	PCB-095			ND		0.0657	0.00658	
5	PCB-096			ND		0.0235	0.00088	
5	PCB-099			ND		0.0235	0.00197	
5	PCB-103			ND		0.0235	0.00072	
5	PCB-104			ND		0.0235	0.00135	
5	PCB-105			ND		0.0235	0.00301	
5	PCB-106			ND		0.0235	0.00118	
5	PCB-107/124			ND		0.0469	0.00211	
5	PCB-109			ND		0.0235	0.00149	
5	PCB-110/115	34.97	1.50	0.0625		0.0469	0.00535	
5	PCB-111			ND		0.0235	0.00092	
5	PCB-112			ND		0.0235	0.00145	
5	PCB-114			ND		0.0235	0.00120	
5	PCB-118			ND		0.0366	0.00544	
5	PCB-120			ND		0.0235	0.00090	
5	PCB-121			ND		0.0235	0.00124	
5	PCB-122			ND		0.0235	0.00129	
5	PCB-123			ND		0.0235	0.00140	
5	PCB-126			ND		0.0235	0.00095	
5	PCB-127			ND		0.0235	0.00118	
6	PCB-128/166			ND		0.0469	0.00253	
6	PCB-129/138/163			ND		0.0704	0.00528	
6	PCB-130			ND		0.0235	0.00129	
6	PCB-131			ND		0.0235	0.00155	
6	PCB-132			ND		0.0235	0.00175	
6	PCB-133			ND		0.0235	0.00110	
6	PCB-134/143			ND		0.0469	0.00289	
6	PCB-135/151			ND		0.0469	0.00316	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10709116001
Lab File ID: P241007B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 10:45
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 18:31
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.0235	0.00161	
6	PCB-137			ND		0.0235	0.00171	
6	PCB-139/140			ND		0.0469	0.00221	
6	PCB-141			ND		0.0235	0.00208	
6	PCB-142			ND		0.0235	0.00144	
6	PCB-144			ND		0.0235	0.00094	
6	PCB-145			ND		0.0235	0.00107	
6	PCB-146			ND		0.0235	0.00133	
6	PCB-147/149	36.90	1.30	0.0511		0.0469	0.00402	
6	PCB-148			ND		0.0235	0.00109	
6	PCB-150			ND		0.0235	0.00111	
6	PCB-152			ND		0.0235	0.00089	
6	PCB-153/168			ND		0.0469	0.00316	
6	PCB-154			ND		0.0235	0.00138	
6	PCB-155			ND		0.0235	0.00122	
6	PCB-156/157			ND		0.0469	0.00174	
6	PCB-158			ND		0.0235	0.00129	
6	PCB-159			ND		0.0235	0.00116	
6	PCB-160			ND		0.0235	0.00133	
6	PCB-161			ND		0.0235	0.00069	
6	PCB-162			ND		0.0235	0.00117	
6	PCB-164			ND		0.0235	0.00145	
6	PCB-165			ND		0.0235	0.00076	
6	PCB-167			ND		0.0235	0.00169	
6	PCB-169			ND		0.0235	0.00105	
7	PCB-170			ND		0.0235	0.00150	
7	PCB-171/173			ND		0.0469	0.00194	
7	PCB-172			ND		0.0235	0.00468	
7	PCB-174			ND		0.0235	0.00169	
7	PCB-175			ND		0.0235	0.00111	
7	PCB-176			ND		0.0235	0.00093	
7	PCB-177			ND		0.0235	0.00192	
7	PCB-178			ND		0.0235	0.00123	
7	PCB-179			ND		0.0235	0.00145	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10709116001
Lab File ID: P241007B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 10:45
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 18:31
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND		0.0469	0.00427	
7	PCB-181			ND		0.0235	0.00155	
7	PCB-182			ND		0.0235	0.00128	
7	PCB-183/185			ND		0.0469	0.00284	
7	PCB-184			ND		0.0235	0.00065	
7	PCB-186			ND		0.0235	0.00154	
7	PCB-187			ND		0.0235	0.00174	
7	PCB-188			ND		0.0235	0.00074	
7	PCB-189			ND		0.0235	0.00117	
7	PCB-190			ND		0.0235	0.00163	
7	PCB-191			ND		0.0235	0.00150	
7	PCB-192			ND		0.0235	0.00151	
8	PCB-194			ND		0.0235	0.00121	
8	PCB-195			ND		0.0235	0.00155	
8	PCB-196			ND		0.0235	0.00116	
8	PCB-197/200			ND		0.0469	0.00196	
8	PCB-198/199			ND		0.0469	0.00203	
8	PCB-201			ND		0.0235	0.00059	
8	PCB-202			ND		0.0235	0.00126	
8	PCB-203			ND		0.0235	0.00105	
8	PCB-204			ND		0.0235	0.00121	
8	PCB-205			ND		0.0235	0.00145	
9	PCB-206			ND		0.0235	0.00208	
9	PCB-207			ND		0.0235	0.00140	
9	PCB-208			ND		0.0235	0.00124	
10	PCB-209			ND		0.0235	0.00734	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10709116001
Lab File ID: P241007B_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/17/2024 10:45
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 18:31
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	ND	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	0.0625	
Total HxCB	0.0511	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	0.114	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10709116002
Lab File ID: P241007B_08
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 11:40
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 19:33
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115029

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1640mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.06	3.05	2.00	0.897	45	
1	PCB-003L	12.83	3.10	2.00	1.10	55	
2	PCB-004L	13.13	1.52	2.00	1.05	53	
2	PCB-015L	20.19	1.58	2.00	1.29	64	
3	PCB-019L	16.93	1.05	2.00	1.03	52	
3	PCB-037L	27.96	1.05	2.00	1.45	73	
4	PCB-054L	20.52	0.79	2.00	0.963	48	
4	PCB-077L	35.67	0.79	2.00	1.71	86	
4	PCB-081L	35.10	0.80	2.00	1.71	86	
5	PCB-104L	26.63	1.58	2.00	1.15	58	
5	PCB-105L	39.30	1.60	2.00	1.63	82	
5	PCB-114L	38.65	1.63	2.00	1.62	81	
5	PCB-118L	38.10	1.60	2.00	1.59	80	
5	PCB-123L	37.74	1.57	2.00	1.62	81	
5	PCB-126L	42.47	1.61	2.00	1.78	89	
6	PCB-155L	32.68	1.28	2.00	1.23	62	
6	PCB-156/157L	45.55	1.30	4.00	3.17	79	
6	PCB-167L	44.37	1.29	2.00	1.60	80	
6	PCB-169L	48.85	1.26	2.00	1.70	85	
7	PCB-188L	38.62	1.03	2.00	1.41	71	
7	PCB-189L	51.41	1.08	2.00	1.55	77	
8	PCB-202L	44.11	0.90	2.00	1.40	70	
8	PCB-205L	54.02	0.89	2.00	1.54	77	
9	PCB-206L	55.76	0.81	2.00	1.52	76	
9	PCB-208L	50.91	0.80	2.00	1.50	75	
10	PCB-209L	57.38	0.71	2.00	1.56	78	
Recovery Standards							
2	PCB-009L	15.58	1.57	2.00	1.83	N/A	
4	PCB-052L	25.59	0.78	2.00	2.16	N/A	
5	PCB-101L	32.92	1.59	2.00	2.23	N/A	
6	PCB-138L	41.28	1.28	2.00	2.44	N/A	
8	PCB-194L	53.52	0.89	2.00	2.56	N/A	
Cleanup Standards							
3	PCB-028L	23.61	1.06	2.00	1.40	70	
5	PCB-111L	35.72	1.54	2.00	1.51	75	
7	PCB-178L	41.74	1.04	2.00	1.64	82	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10709116002
Lab File ID: P241007B_08
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 11:40
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 19:33
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1640mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0244	0.00434	
1	PCB-002			ND		0.0244	0.00441	
1	PCB-003			ND		0.0244	0.00821	
2	PCB-004	13.14	1.56	0.285		0.0244	0.00552	
2	PCB-005			ND		0.0244	0.00590	
2	PCB-006			ND		0.0244	0.00449	
2	PCB-007			ND		0.0244	0.00286	
2	PCB-008			ND		0.0244	0.00584	
2	PCB-009			ND		0.0244	0.00493	
2	PCB-010			ND		0.0244	0.00328	
2	PCB-011			ND		0.239	0.0636	
2	PCB-012/013			ND		0.0489	0.00451	
2	PCB-014			ND		0.0244	0.00451	
2	PCB-015	20.21	1.62	0.0419		0.0323	0.00630	
3	PCB-016			ND		0.0244	0.00355	
3	PCB-017	19.62	1.03	0.0695		0.0244	0.00396	
3	PCB-018/030	19.14	1.01	0.0638		0.0489	0.00647	
3	PCB-019	16.95	1.01	0.222		0.0244	0.00332	
3	PCB-020/028			ND		0.126	0.00734	
3	PCB-021/033			ND		0.132	0.00606	
3	PCB-022			ND		0.0928	0.00399	
3	PCB-023			ND		0.0244	0.00121	
3	PCB-024			ND		0.0244	0.00136	
3	PCB-025	22.96	1.07	0.0348		0.0244	0.00158	
3	PCB-026/029			ND		0.0489	0.00254	
3	PCB-027	19.87	1.09	0.0497		0.0244	0.00109	
3	PCB-031			ND		0.127	0.00888	
3	PCB-032	20.75	1.06	0.0396		0.0244	0.00297	
3	PCB-034			ND		0.0244	0.00119	
3	PCB-035			ND		0.0244	0.00121	
3	PCB-036			ND		0.0244	0.00114	
3	PCB-037			ND		0.0518	0.00296	
3	PCB-038			ND		0.0244	0.00120	
3	PCB-039			ND		0.0244	0.00154	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10709116002
Lab File ID: P241007B_08
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 11:40
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 19:33
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1640mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.80	0.78	0.138		0.0733	0.00502	
4	PCB-042	27.26	0.78	0.0652		0.0244	0.00266	
4	PCB-043/073			ND		0.0489	0.00241	
4	PCB-044/047/065	26.75	0.76	1.12		0.0733	0.00710	
4	PCB-045/051	23.81	0.78	0.313		0.0489	0.00366	
4	PCB-046	24.04	0.78	0.0313		0.0244	0.00165	
4	PCB-048			ND		0.0244	0.00194	
4	PCB-069/049	26.15	0.78	0.604		0.0489	0.00412	
4	PCB-050/053	22.96	0.77	0.390		0.0489	0.00210	
4	PCB-052	25.62	0.77	0.419		0.126	0.0148	
4	PCB-054	20.55	0.77	0.109		0.0244	0.00112	
4	PCB-055			ND		0.0244	0.00166	
4	PCB-056			ND		0.0244	0.00374	
4	PCB-057			ND		0.0244	0.00112	
4	PCB-058			ND		0.0244	0.00143	
4	PCB-059/062/075			ND		0.0733	0.00252	
4	PCB-060			ND		0.0244	0.00205	
4	PCB-061/070/074/076	30.77	0.78	0.100		0.0977	0.00882	
4	PCB-063			ND		0.0244	0.00095	
4	PCB-064	28.04	0.82	0.0313		0.0244	0.00241	
4	PCB-066	31.11	0.80	0.110		0.0577	0.00459	
4	PCB-067			ND		0.0244	0.00134	
4	PCB-068			ND		0.0244	0.00122	
4	PCB-072			ND		0.0244	0.00086	
4	PCB-077			ND		0.0244	0.00148	
4	PCB-078			ND		0.0244	0.00125	
4	PCB-079			ND		0.0244	0.00086	
4	PCB-080			ND		0.0244	0.00120	
4	PCB-081			ND		0.0244	0.00081	
5	PCB-082			ND		0.0244	0.00148	
5	PCB-083	33.43	1.56	0.0282		0.0244	0.00127	
5	PCB-084	30.97	1.59	0.0741		0.0244	0.00255	
5	PCB-085/116/117	34.79	1.54	0.0766		0.0733	0.00338	
5	PCB-086/087/097/108/119/12	34.09	1.58	0.263		0.147	0.00646	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10709116002
Lab File ID: P241007B_08
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 11:40
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 19:33
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1640mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.75	1.58	0.231		0.0489	0.00197	
5	PCB-089			ND		0.0244	0.00139	
5	PCB-090/101/113	32.93	1.60	0.807		0.0733	0.00500	
5	PCB-092	32.31	1.54	0.250		0.0244	0.00110	
5	PCB-093/098/100/102	30.10	1.57	0.157		0.0977	0.00451	
5	PCB-094	29.36	1.54	0.0451		0.0244	0.00091	
5	PCB-095	29.82	1.55	0.521		0.0684	0.00685	
5	PCB-096			ND		0.0244	0.00092	
5	PCB-099	33.55	1.59	0.358		0.0244	0.00205	
5	PCB-103	29.14	1.56	0.0644		0.0244	0.00075	
5	PCB-104			ND		0.0244	0.00140	
5	PCB-105	39.32	1.62	0.0543		0.0244	0.00314	
5	PCB-106			ND		0.0244	0.00123	
5	PCB-107/124			ND		0.0489	0.00220	
5	PCB-109	37.64	1.62	0.0332		0.0244	0.00155	
5	PCB-110/115	34.99	1.56	0.556		0.0489	0.00557	
5	PCB-111			ND		0.0244	0.00096	
5	PCB-112			ND		0.0244	0.00151	
5	PCB-114			ND		0.0244	0.00125	
5	PCB-118	38.11	1.63	0.236		0.0381	0.00567	
5	PCB-120			ND		0.0244	0.00093	
5	PCB-121			ND		0.0244	0.00129	
5	PCB-122			ND		0.0244	0.00134	
5	PCB-123			ND		0.0244	0.00145	
5	PCB-126			ND		0.0244	0.00078	
5	PCB-127			ND		0.0244	0.00123	
6	PCB-128/166	42.61	1.25	0.0984		0.0489	0.00264	
6	PCB-129/138/163	41.32	1.26	1.49		0.0733	0.00550	
6	PCB-130	40.65	1.24	0.0819		0.0244	0.00134	
6	PCB-131			ND		0.0244	0.00161	
6	PCB-132	38.21	1.25	0.377		0.0244	0.00182	
6	PCB-133	38.73	1.22	0.0469		0.0244	0.00117	
6	PCB-134/143	37.12	1.41	0.0595		0.0489	0.00301	
6	PCB-135/151	35.95	1.25	0.868		0.0489	0.00329	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10709116002
Lab File ID: P241007B_08
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 11:40
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 19:33
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1640mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.44	1.21	0.222		0.0244	0.00167	
6	PCB-137			ND		0.0244	0.00178	
6	PCB-139/140			ND		0.0489	0.00230	
6	PCB-141	40.23	1.27	0.290		0.0244	0.00216	
6	PCB-142			ND		0.0244	0.00150	
6	PCB-144	36.54	1.23	0.0745		0.0244	0.00098	
6	PCB-145			ND		0.0244	0.00112	
6	PCB-146	39.40	1.26	0.336		0.0244	0.00138	
6	PCB-147/149	36.91	1.26	1.57		0.0489	0.00419	
6	PCB-148			ND		0.0244	0.00114	
6	PCB-150			ND		0.0244	0.00116	
6	PCB-152			ND		0.0244	0.00093	
6	PCB-153/168	40.04	1.26	1.69		0.0489	0.00329	
6	PCB-154	36.23	1.28	0.0552		0.0244	0.00144	
6	PCB-155			ND		0.0244	0.00127	
6	PCB-156/157	45.55	1.23	0.0651		0.0489	0.00181	
6	PCB-158	41.72	1.20	0.0898		0.0244	0.00134	
6	PCB-159			ND		0.0244	0.00121	
6	PCB-160			ND		0.0244	0.00138	
6	PCB-161			ND		0.0244	0.00072	
6	PCB-162			ND		0.0244	0.00122	
6	PCB-164	40.98	1.23	0.102		0.0244	0.00151	
6	PCB-165			ND		0.0244	0.00087	
6	PCB-167	44.39	1.27	0.0429		0.0244	0.00176	
6	PCB-169			ND		0.0244	0.00110	
7	PCB-170	48.25	1.02	0.440		0.0244	0.00156	
7	PCB-171/173	44.66	1.05	0.136		0.0489	0.00202	
7	PCB-172	46.30	1.03	0.0982		0.0244	0.00487	
7	PCB-174	43.55	1.03	0.545		0.0244	0.00176	
7	PCB-175			ND		0.0244	0.00116	
7	PCB-176	39.89	1.06	0.0754		0.0244	0.00096	
7	PCB-177	44.00	1.03	0.346		0.0244	0.00200	
7	PCB-178	41.77	1.06	0.163		0.0244	0.00128	
7	PCB-179	38.99	1.04	0.281		0.0244	0.00151	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10709116002
Lab File ID: P241007B_08
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 11:40
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 19:33
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1640mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.97	1.04	1.02		0.0489	0.00445	
7	PCB-181			ND		0.0244	0.00161	
7	PCB-182			ND		0.0244	0.00133	
7	PCB-183/185	43.33	1.07	0.346		0.0489	0.00296	
7	PCB-184			ND		0.0244	0.00068	
7	PCB-186			ND		0.0244	0.00160	
7	PCB-187	42.69	1.05	0.753		0.0244	0.00181	
7	PCB-188			ND		0.0244	0.00077	
7	PCB-189			ND		0.0244	0.00122	
7	PCB-190	48.80	1.01	0.0981		0.0244	0.00170	
7	PCB-191			ND		0.0244	0.00156	
7	PCB-192			ND		0.0244	0.00158	
8	PCB-194	53.54	0.89	0.237		0.0244	0.00126	
8	PCB-195	51.19	0.89	0.110		0.0244	0.00161	
8	PCB-196	49.62	0.88	0.129		0.0244	0.00121	
8	PCB-197/200			ND		0.0489	0.00204	
8	PCB-198/199	48.95	0.88	0.259		0.0489	0.00211	
8	PCB-201	45.08	0.96	0.0325		0.0244	0.00062	
8	PCB-202	44.14	0.90	0.0554		0.0244	0.00131	
8	PCB-203	49.84	0.89	0.166		0.0244	0.00110	
8	PCB-204			ND		0.0244	0.00126	
8	PCB-205			ND		0.0244	0.00151	
9	PCB-206	55.78	0.79	0.0579		0.0244	0.00216	
9	PCB-207			ND		0.0244	0.00145	
9	PCB-208			ND		0.0244	0.00129	
10	PCB-209			ND		0.0244	0.00765	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10709116002
Lab File ID: P241007B_08
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 11:40
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 19:33
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1640mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.327	
Total TrCB	0.479	
Total TeCB	3.43	
Total PeCB	3.75	
Total HxCB	7.56	
Total HpCB	4.30	
Total OcCB	0.989	
Total NoCB	0.0579	
DeCB	ND	
Total PCBs	20.9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10709116003
Lab File ID: P241007B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 11:40
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 20:34
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115029

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.01	3.13	2.00	0.757	38	
1	PCB-003L	12.81	3.18	2.00	0.894	45	
2	PCB-004L	13.10	1.54	2.00	0.853	43	
2	PCB-015L	20.17	1.61	2.00	1.11	56	
3	PCB-019L	16.91	1.04	2.00	0.825	41	
3	PCB-037L	27.94	1.05	2.00	1.26	63	
4	PCB-054L	20.50	0.79	2.00	0.765	38	
4	PCB-077L	35.67	0.79	2.00	1.59	79	
4	PCB-081L	35.08	0.80	2.00	1.53	76	
5	PCB-104L	26.63	1.58	2.00	0.844	42	
5	PCB-105L	39.29	1.61	2.00	1.47	73	
5	PCB-114L	38.63	1.59	2.00	1.44	72	
5	PCB-118L	38.08	1.63	2.00	1.43	71	
5	PCB-123L	37.73	1.58	2.00	1.43	72	
5	PCB-126L	42.46	1.62	2.00	1.65	82	
6	PCB-155L	32.68	1.25	2.00	1.00	50	
6	PCB-156/157L	45.53	1.29	4.00	2.93	73	
6	PCB-167L	44.36	1.30	2.00	1.47	74	
6	PCB-169L	48.83	1.29	2.00	1.60	80	
7	PCB-188L	38.60	1.06	2.00	1.23	61	
7	PCB-189L	51.39	1.06	2.00	1.47	74	
8	PCB-202L	44.11	0.89	2.00	1.28	64	
8	PCB-205L	53.99	0.88	2.00	1.43	71	
9	PCB-206L	55.74	0.77	2.00	1.44	72	
9	PCB-208L	50.89	0.79	2.00	1.40	70	
10	PCB-209L	57.36	0.69	2.00	1.48	74	
Recovery Standards							
2	PCB-009L	15.56	1.58	2.00	1.87	N/A	
4	PCB-052L	25.58	0.79	2.00	2.18	N/A	
5	PCB-101L	32.90	1.58	2.00	2.31	N/A	
6	PCB-138L	41.27	1.25	2.00	2.53	N/A	
8	PCB-194L	53.52	0.91	2.00	2.70	N/A	
Cleanup Standards							
3	PCB-028L	23.60	1.05	2.00	1.30	65	
5	PCB-111L	35.70	1.60	2.00	1.43	71	
7	PCB-178L	41.72	1.05	2.00	1.58	79	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10709116003
Lab File ID: P241007B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 11:40
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 20:34
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0214	0.00381	
1	PCB-002			ND		0.0214	0.00387	
1	PCB-003			ND		0.0214	0.00721	
2	PCB-004	13.12	1.47	0.326		0.0214	0.00485	
2	PCB-005			ND		0.0214	0.00518	
2	PCB-006			ND		0.0214	0.00263	
2	PCB-007			ND		0.0214	0.00251	
2	PCB-008	16.57	1.53	0.0245		0.0214	0.00513	
2	PCB-009			ND		0.0214	0.00278	
2	PCB-010			ND		0.0214	0.00266	
2	PCB-011			ND		0.210	0.0559	
2	PCB-012/013			ND		0.0429	0.00281	
2	PCB-014			ND		0.0214	0.00254	
2	PCB-015	20.19	1.57	0.0787		0.0283	0.00553	
3	PCB-016			ND		0.0214	0.00312	
3	PCB-017	19.60	1.06	0.0888		0.0214	0.00347	
3	PCB-018/030	19.12	1.00	0.0792		0.0429	0.00568	
3	PCB-019	16.93	1.02	0.264		0.0214	0.00292	
3	PCB-020/028	23.61	1.08	0.148		0.111	0.00644	
3	PCB-021/033			ND		0.116	0.00532	
3	PCB-022			ND		0.0815	0.00351	
3	PCB-023			ND		0.0214	0.00106	
3	PCB-024			ND		0.0214	0.00119	
3	PCB-025	22.95	1.09	0.0549		0.0214	0.00138	
3	PCB-026/029	22.67	1.01	0.0606		0.0429	0.00223	
3	PCB-027	19.85	1.06	0.0636		0.0214	0.00095	
3	PCB-031			ND		0.112	0.00780	
3	PCB-032	20.73	1.08	0.0585		0.0214	0.00261	
3	PCB-034			ND		0.0214	0.00104	
3	PCB-035			ND		0.0214	0.00106	
3	PCB-036			ND		0.0214	0.00100	
3	PCB-037			ND		0.0455	0.00260	
3	PCB-038			ND		0.0214	0.00105	
3	PCB-039			ND		0.0214	0.00135	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10709116003
Lab File ID: P241007B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 11:40
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 20:34
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.79	0.78	0.205		0.0643	0.00441	
4	PCB-042	27.26	0.77	0.0887		0.0214	0.00234	
4	PCB-043/073			ND		0.0429	0.00211	
4	PCB-044/047/065	26.75	0.78	1.69		0.0643	0.00623	
4	PCB-045/051	23.80	0.77	0.436		0.0429	0.00322	
4	PCB-046	24.05	0.77	0.0411		0.0214	0.00145	
4	PCB-048			ND		0.0214	0.00171	
4	PCB-069/049	26.15	0.77	0.875		0.0429	0.00361	
4	PCB-050/053	22.96	0.78	0.503		0.0429	0.00184	
4	PCB-052	25.61	0.77	0.593		0.111	0.0130	
4	PCB-054	20.53	0.75	0.154		0.0214	0.00098	
4	PCB-055			ND		0.0214	0.00159	
4	PCB-056	31.80	0.80	0.0234		0.0214	0.00328	
4	PCB-057			ND		0.0214	0.00156	
4	PCB-058			ND		0.0214	0.00155	
4	PCB-059/062/075			ND		0.0643	0.00221	
4	PCB-060			ND		0.0214	0.00180	
4	PCB-061/070/074/076	30.75	0.80	0.169		0.0858	0.00774	
4	PCB-063			ND		0.0214	0.00153	
4	PCB-064	28.02	0.80	0.0442		0.0214	0.00211	
4	PCB-066	31.11	0.80	0.197		0.0506	0.00403	
4	PCB-067			ND		0.0214	0.00137	
4	PCB-068	29.25	0.82	0.0397		0.0214	0.00107	
4	PCB-072	28.92	0.74	0.0229		0.0214	0.00149	
4	PCB-077			ND		0.0214	0.00142	
4	PCB-078			ND		0.0214	0.00158	
4	PCB-079			ND		0.0214	0.00137	
4	PCB-080			ND		0.0214	0.00137	
4	PCB-081			ND		0.0214	0.00071	
5	PCB-082	35.30	1.33	0.0369		0.0214	0.00130	
5	PCB-083	33.41	1.58	0.0473		0.0214	0.00112	
5	PCB-084	30.97	1.55	0.121		0.0214	0.00224	
5	PCB-085/116/117	34.77	1.51	0.140		0.0643	0.00297	
5	PCB-086/087/097/108/119/12	34.09	1.57	0.466		0.129	0.00567	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10709116003
Lab File ID: P241007B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 11:40
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 20:34
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.74	1.57	0.402		0.0429	0.00173	
5	PCB-089			ND		0.0214	0.00122	
5	PCB-090/101/113	32.92	1.55	1.42		0.0643	0.00439	
5	PCB-092	32.31	1.51	0.414		0.0214	0.00093	
5	PCB-093/098/100/102	30.09	1.54	0.285		0.0858	0.00396	
5	PCB-094	29.34	1.60	0.0737		0.0214	0.00079	
5	PCB-095	29.81	1.53	0.830		0.0601	0.00602	
5	PCB-096	27.03	1.61	0.0356		0.0214	0.00081	
5	PCB-099	33.54	1.58	0.649		0.0214	0.00180	
5	PCB-103	29.13	1.64	0.106		0.0214	0.00066	
5	PCB-104	26.64	1.58	0.0255		0.0214	0.00123	
5	PCB-105	39.30	1.59	0.108		0.0214	0.00276	
5	PCB-106			ND		0.0214	0.00108	
5	PCB-107/124			ND		0.0429	0.00193	
5	PCB-109	37.64	1.59	0.0632		0.0214	0.00136	
5	PCB-110/115	34.97	1.53	1.01		0.0429	0.00489	
5	PCB-111			ND		0.0214	0.00084	
5	PCB-112			ND		0.0214	0.00133	
5	PCB-114			ND		0.0214	0.00109	
5	PCB-118	38.10	1.62	0.476		0.0335	0.00498	
5	PCB-120			ND		0.0214	0.00082	
5	PCB-121			ND		0.0214	0.00114	
5	PCB-122			ND		0.0214	0.00118	
5	PCB-123			ND		0.0214	0.00128	
5	PCB-126			ND		0.0214	0.00090	
5	PCB-127			ND		0.0214	0.00108	
6	PCB-128/166	42.59	1.25	0.226		0.0429	0.00232	
6	PCB-129/138/163	41.30	1.25	3.29		0.0643	0.00483	
6	PCB-130	40.63	1.30	0.178		0.0214	0.00149	
6	PCB-131			ND		0.0214	0.00156	
6	PCB-132	38.20	1.25	0.815		0.0214	0.00160	
6	PCB-133	38.72	1.27	0.0918		0.0214	0.00142	
6	PCB-134/143	37.11	1.25	0.119		0.0429	0.00264	
6	PCB-135/151	35.93	1.24	1.69		0.0429	0.00288	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10709116003
Lab File ID: P241007B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 11:40
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 20:34
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.43	1.23	0.420		0.0214	0.00147	
6	PCB-137	40.86	1.31	0.0584		0.0214	0.00157	
6	PCB-139/140			ND		0.0429	0.00202	
6	PCB-141	40.21	1.24	0.632		0.0214	0.00190	
6	PCB-142			ND		0.0214	0.00151	
6	PCB-144	36.54	1.22	0.153		0.0214	0.00086	
6	PCB-145			ND		0.0214	0.00098	
6	PCB-146	39.39	1.25	0.701		0.0214	0.00122	
6	PCB-147/149	36.91	1.25	3.15		0.0429	0.00368	
6	PCB-148	35.33	1.30	0.0271		0.0214	0.00100	
6	PCB-150	33.07	1.34	0.0255		0.0214	0.00102	
6	PCB-152			ND		0.0214	0.00081	
6	PCB-153/168	40.03	1.24	3.61		0.0429	0.00288	
6	PCB-154	36.21	1.20	0.110		0.0214	0.00127	
6	PCB-155			ND		0.0214	0.00112	
6	PCB-156/157	45.55	1.26	0.153		0.0429	0.00159	
6	PCB-158	41.70	1.25	0.206		0.0214	0.00118	
6	PCB-159	43.59	1.40	0.0226		0.0214	0.00106	
6	PCB-160			ND		0.0214	0.00121	
6	PCB-161			ND		0.0214	0.00099	
6	PCB-162			ND		0.0214	0.00118	
6	PCB-164	40.98	1.26	0.214		0.0214	0.00133	
6	PCB-165			ND		0.0214	0.00107	
6	PCB-167	44.39	1.29	0.0979		0.0214	0.00154	
6	PCB-169			ND		0.0214	0.00113	
7	PCB-170	48.23	1.03	1.12		0.0214	0.00137	
7	PCB-171/173	44.64	1.05	0.344		0.0429	0.00177	
7	PCB-172	46.28	1.02	0.228		0.0214	0.00428	
7	PCB-174	43.55	1.04	1.29		0.0214	0.00154	
7	PCB-175	42.41	0.99	0.0533		0.0214	0.00102	
7	PCB-176	39.87	1.02	0.173		0.0214	0.00085	
7	PCB-177	44.00	1.05	0.844		0.0214	0.00176	
7	PCB-178	41.75	1.02	0.361		0.0214	0.00113	
7	PCB-179	38.97	1.04	0.629		0.0214	0.00133	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10709116003
Lab File ID: P241007B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 11:40
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 20:34
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.96	1.01	2.53		0.0429	0.00390	
7	PCB-181			ND		0.0214	0.00142	
7	PCB-182			ND		0.0214	0.00117	
7	PCB-183/185	43.33	1.03	0.823		0.0429	0.00260	
7	PCB-184			ND		0.0214	0.00060	
7	PCB-186			ND		0.0214	0.00140	
7	PCB-187	42.69	1.05	1.75		0.0214	0.00159	
7	PCB-188			ND		0.0214	0.00067	
7	PCB-189	51.43	1.07	0.0462		0.0214	0.00107	
7	PCB-190	48.78	1.03	0.251		0.0214	0.00149	
7	PCB-191	47.32	0.98	0.0424		0.0214	0.00137	
7	PCB-192			ND		0.0214	0.00138	
8	PCB-194	53.54	0.90	0.639		0.0214	0.00115	
8	PCB-195	51.17	0.90	0.285		0.0214	0.00142	
8	PCB-196	49.60	0.91	0.323		0.0214	0.00106	
8	PCB-197/200	46.08	0.93	0.112		0.0429	0.00179	
8	PCB-198/199	48.95	0.88	0.667		0.0429	0.00186	
8	PCB-201	45.08	0.91	0.0797		0.0214	0.00054	
8	PCB-202	44.12	0.91	0.130		0.0214	0.00115	
8	PCB-203	49.82	0.86	0.419		0.0214	0.00096	
8	PCB-204			ND		0.0214	0.00110	
8	PCB-205	54.02	0.94	0.0378		0.0214	0.00133	
9	PCB-206	55.76	0.77	0.155		0.0214	0.00190	
9	PCB-207			ND		0.0214	0.00128	
9	PCB-208	50.93	0.82	0.0291		0.0214	0.00114	
10	PCB-209			ND		0.0214	0.00671	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10709116003
Lab File ID: P241007B_09
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 11:40
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 20:34
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.429	
Total TrCB	0.817	
Total TeCB	5.08	
Total PeCB	6.70	
Total HxCB	16.0	
Total HpCB	10.5	
Total OcCB	2.69	
Total NoCB	0.184	
DeCB	ND	
Total PCBs	42.4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10709116004
Lab File ID: P241007B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 14:15
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 21:36
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115029

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.02	3.04	2.00	0.729	36	
1	PCB-003L	12.82	3.15	2.00	0.905	45	
2	PCB-004L	13.11	1.54	2.00	0.872	44	
2	PCB-015L	20.18	1.58	2.00	1.18	59	
3	PCB-019L	16.91	1.04	2.00	0.903	45	
3	PCB-037L	27.96	1.06	2.00	1.34	67	
4	PCB-054L	20.52	0.78	2.00	0.856	43	
4	PCB-077L	35.67	0.80	2.00	1.65	83	
4	PCB-081L	35.10	0.78	2.00	1.61	81	
5	PCB-104L	26.63	1.54	2.00	1.07	53	
5	PCB-105L	39.29	1.57	2.00	1.60	80	
5	PCB-114L	38.63	1.63	2.00	1.58	79	
5	PCB-118L	38.08	1.61	2.00	1.56	78	
5	PCB-123L	37.74	1.60	2.00	1.57	78	
5	PCB-126L	42.47	1.60	2.00	1.73	86	
6	PCB-155L	32.68	1.26	2.00	1.22	61	
6	PCB-156/157L	45.55	1.28	4.00	3.04	76	
6	PCB-167L	44.36	1.29	2.00	1.51	76	
6	PCB-169L	48.83	1.30	2.00	1.65	82	
7	PCB-188L	38.62	1.05	2.00	1.30	65	
7	PCB-189L	51.41	1.07	2.00	1.49	74	
8	PCB-202L	44.10	0.90	2.00	1.30	65	
8	PCB-205L	54.00	0.90	2.00	1.44	72	
9	PCB-206L	55.76	0.80	2.00	1.43	71	
9	PCB-208L	50.91	0.80	2.00	1.40	70	
10	PCB-209L	57.38	0.70	2.00	1.47	74	
Recovery Standards							
2	PCB-009L	15.56	1.58	2.00	1.92	N/A	
4	PCB-052L	25.59	0.79	2.00	2.25	N/A	
5	PCB-101L	32.90	1.60	2.00	2.31	N/A	
6	PCB-138L	41.28	1.29	2.00	2.58	N/A	
8	PCB-194L	53.52	0.90	2.00	2.75	N/A	
Cleanup Standards							
3	PCB-028L	23.60	1.05	2.00	1.24	62	
5	PCB-111L	35.72	1.58	2.00	1.45	73	
7	PCB-178L	41.74	1.07	2.00	1.55	78	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10709116004
Lab File ID: P241007B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 14:15
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 21:36
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.05	3.22	0.0616		0.0239	0.00424	
1	PCB-002			ND		0.0239	0.00431	
1	PCB-003			ND		0.0239	0.00803	
2	PCB-004	13.13	1.52	1.61		0.0239	0.00540	
2	PCB-005			ND		0.0239	0.00577	
2	PCB-006	16.07	1.52	0.0540		0.0239	0.00293	
2	PCB-007			ND		0.0239	0.00280	
2	PCB-008	16.58	1.62	0.0711		0.0239	0.00571	
2	PCB-009			ND		0.0239	0.00113	
2	PCB-010	13.35	1.42	0.0532		0.0239	0.00129	
2	PCB-011			ND		0.234	0.0623	
2	PCB-012/013			ND		0.0478	0.00313	
2	PCB-014			ND		0.0239	0.00109	
2	PCB-015	20.20	1.59	0.121		0.0315	0.00617	
3	PCB-016	20.12	1.03	0.0499		0.0239	0.00348	
3	PCB-017	19.61	1.04	0.268		0.0239	0.00387	
3	PCB-018/030	19.13	1.02	0.245		0.0478	0.00633	
3	PCB-019	16.93	1.03	1.07		0.0239	0.00325	
3	PCB-020/028	23.63	1.07	0.284		0.123	0.00718	
3	PCB-021/033			ND		0.129	0.00593	
3	PCB-022			ND		0.0908	0.00391	
3	PCB-023			ND		0.0239	0.00119	
3	PCB-024			ND		0.0239	0.00133	
3	PCB-025	22.95	1.05	0.126		0.0239	0.00154	
3	PCB-026/029	22.67	1.05	0.146		0.0478	0.00249	
3	PCB-027	19.86	1.05	0.186		0.0239	0.00107	
3	PCB-031	23.29	1.06	0.157		0.124	0.00869	
3	PCB-032	20.75	1.07	0.281		0.0239	0.00290	
3	PCB-034			ND		0.0239	0.00116	
3	PCB-035			ND		0.0239	0.00118	
3	PCB-036			ND		0.0239	0.00111	
3	PCB-037			ND		0.0507	0.00289	
3	PCB-038			ND		0.0239	0.00117	
3	PCB-039			ND		0.0239	0.00151	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10709116004
Lab File ID: P241007B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 14:15
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 21:36
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.79	0.77	0.421		0.0717	0.00491	
4	PCB-042	27.26	0.79	0.160		0.0239	0.00260	
4	PCB-043/073			ND		0.0478	0.00235	
4	PCB-044/047/065	26.75	0.78	2.73		0.0717	0.00694	
4	PCB-045/051	23.80	0.78	1.26		0.0478	0.00358	
4	PCB-046	24.04	0.77	0.106		0.0239	0.00161	
4	PCB-048			ND		0.0239	0.00190	
4	PCB-069/049	26.15	0.77	1.58		0.0478	0.00403	
4	PCB-050/053	22.96	0.77	1.34		0.0478	0.00206	
4	PCB-052	25.61	0.77	1.01		0.123	0.0145	
4	PCB-054	20.53	0.78	0.426		0.0239	0.00109	
4	PCB-055			ND		0.0239	0.00163	
4	PCB-056			ND		0.0239	0.00366	
4	PCB-057			ND		0.0239	0.00109	
4	PCB-058			ND		0.0239	0.00140	
4	PCB-059/062/075			ND		0.0717	0.00246	
4	PCB-060			ND		0.0239	0.00201	
4	PCB-061/070/074/076	30.75	0.81	0.170		0.0956	0.00863	
4	PCB-063			ND		0.0239	0.00093	
4	PCB-064	28.04	0.79	0.0622		0.0239	0.00235	
4	PCB-066	31.11	0.80	0.204		0.0564	0.00449	
4	PCB-067			ND		0.0239	0.00131	
4	PCB-068	29.25	0.76	0.0448		0.0239	0.00119	
4	PCB-072	28.94	0.82	0.0295		0.0239	0.00084	
4	PCB-077			ND		0.0239	0.00145	
4	PCB-078			ND		0.0239	0.00122	
4	PCB-079			ND		0.0239	0.00084	
4	PCB-080			ND		0.0239	0.00118	
4	PCB-081			ND		0.0239	0.00079	
5	PCB-082	35.31	1.49	0.0256		0.0239	0.00145	
5	PCB-083	33.41	1.53	0.0366		0.0239	0.00124	
5	PCB-084	30.97	1.60	0.114		0.0239	0.00250	
5	PCB-085/116/117	34.77	1.59	0.110		0.0717	0.00331	
5	PCB-086/087/097/108/119/12	34.09	1.54	0.380		0.143	0.00632	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10709116004
Lab File ID: P241007B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 14:15
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 21:36
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.75	1.54	0.421		0.0478	0.00192	
5	PCB-089			ND		0.0239	0.00136	
5	PCB-090/101/113	32.93	1.54	1.16		0.0717	0.00489	
5	PCB-092	32.31	1.58	0.370		0.0239	0.00104	
5	PCB-093/098/100/102	30.07	1.52	0.210		0.0956	0.00441	
5	PCB-094	29.36	1.52	0.0934		0.0239	0.00089	
5	PCB-095	29.82	1.52	0.775		0.0669	0.00670	
5	PCB-096	27.03	1.58	0.0459		0.0239	0.00090	
5	PCB-099	33.55	1.56	0.507		0.0239	0.00201	
5	PCB-103	29.13	1.58	0.116		0.0239	0.00073	
5	PCB-104	26.66	1.68	0.0250		0.0239	0.00137	
5	PCB-105	39.32	1.68	0.0599		0.0239	0.00307	
5	PCB-106			ND		0.0239	0.00121	
5	PCB-107/124			ND		0.0478	0.00215	
5	PCB-109	37.64	1.51	0.0429		0.0239	0.00152	
5	PCB-110/115	34.99	1.60	0.745		0.0478	0.00545	
5	PCB-111			ND		0.0239	0.00094	
5	PCB-112			ND		0.0239	0.00148	
5	PCB-114			ND		0.0239	0.00122	
5	PCB-118	38.11	1.59	0.278		0.0373	0.00554	
5	PCB-120			ND		0.0239	0.00091	
5	PCB-121			ND		0.0239	0.00127	
5	PCB-122			ND		0.0239	0.00131	
5	PCB-123			ND		0.0239	0.00142	
5	PCB-126			ND		0.0239	0.00076	
5	PCB-127			ND		0.0239	0.00121	
6	PCB-128/166	42.61	1.27	0.106		0.0478	0.00258	
6	PCB-129/138/163	41.32	1.24	1.70		0.0717	0.00538	
6	PCB-130	40.65	1.25	0.0953		0.0239	0.00131	
6	PCB-131			ND		0.0239	0.00158	
6	PCB-132	38.20	1.25	0.449		0.0239	0.00178	
6	PCB-133	38.72	1.23	0.0563		0.0239	0.00113	
6	PCB-134/143	37.12	1.29	0.0824		0.0478	0.00294	
6	PCB-135/151	35.95	1.24	1.04		0.0478	0.00321	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10709116004
Lab File ID: P241007B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 14:15
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 21:36
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.43	1.22	0.267		0.0239	0.00164	
6	PCB-137	40.86	1.23	0.0284		0.0239	0.00174	
6	PCB-139/140			ND		0.0478	0.00225	
6	PCB-141	40.23	1.26	0.341		0.0239	0.00212	
6	PCB-142			ND		0.0239	0.00147	
6	PCB-144	36.54	1.26	0.0901		0.0239	0.00096	
6	PCB-145			ND		0.0239	0.00109	
6	PCB-146	39.39	1.21	0.398		0.0239	0.00135	
6	PCB-147/149	36.91	1.25	1.93		0.0478	0.00410	
6	PCB-148			ND		0.0239	0.00111	
6	PCB-150			ND		0.0239	0.00113	
6	PCB-152			ND		0.0239	0.00090	
6	PCB-153/168	40.03	1.25	1.94		0.0478	0.00321	
6	PCB-154	36.23	1.26	0.0724		0.0239	0.00141	
6	PCB-155			ND		0.0239	0.00124	
6	PCB-156/157	45.55	1.30	0.0746		0.0478	0.00177	
6	PCB-158	41.72	1.23	0.106		0.0239	0.00131	
6	PCB-159			ND		0.0239	0.00118	
6	PCB-160			ND		0.0239	0.00135	
6	PCB-161			ND		0.0239	0.00066	
6	PCB-162			ND		0.0239	0.00119	
6	PCB-164	40.98	1.24	0.118		0.0239	0.00148	
6	PCB-165			ND		0.0239	0.00077	
6	PCB-167	44.39	1.31	0.0509		0.0239	0.00172	
6	PCB-169			ND		0.0239	0.00107	
7	PCB-170	48.25	1.06	0.525		0.0239	0.00153	
7	PCB-171/173	44.66	1.06	0.165		0.0478	0.00197	
7	PCB-172	46.30	0.99	0.114		0.0239	0.00477	
7	PCB-174	43.55	1.05	0.645		0.0239	0.00172	
7	PCB-175	42.41	1.00	0.0287		0.0239	0.00114	
7	PCB-176	39.89	1.04	0.0938		0.0239	0.00094	
7	PCB-177	44.00	1.04	0.410		0.0239	0.00196	
7	PCB-178	41.75	1.02	0.192		0.0239	0.00125	
7	PCB-179	38.97	1.04	0.341		0.0239	0.00148	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10709116004
Lab File ID: P241007B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 14:15
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 21:36
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.97	1.02	1.22		0.0478	0.00435	
7	PCB-181			ND		0.0239	0.00158	
7	PCB-182			ND		0.0239	0.00130	
7	PCB-183/185	43.33	1.03	0.422		0.0478	0.00289	
7	PCB-184			ND		0.0239	0.00067	
7	PCB-186			ND		0.0239	0.00157	
7	PCB-187	42.69	1.04	0.907		0.0239	0.00177	
7	PCB-188			ND		0.0239	0.00075	
7	PCB-189			ND		0.0239	0.00119	
7	PCB-190	48.80	1.06	0.111		0.0239	0.00166	
7	PCB-191			ND		0.0239	0.00153	
7	PCB-192			ND		0.0239	0.00154	
8	PCB-194	53.54	0.89	0.291		0.0239	0.00123	
8	PCB-195	51.19	0.91	0.133		0.0239	0.00158	
8	PCB-196	49.62	0.91	0.162		0.0239	0.00118	
8	PCB-197/200	46.10	0.88	0.0556		0.0478	0.00200	
8	PCB-198/199	48.95	0.90	0.322		0.0478	0.00207	
8	PCB-201	45.08	0.90	0.0425		0.0239	0.00061	
8	PCB-202	44.14	0.92	0.0670		0.0239	0.00128	
8	PCB-203	49.82	0.92	0.196		0.0239	0.00107	
8	PCB-204			ND		0.0239	0.00123	
8	PCB-205			ND		0.0239	0.00148	
9	PCB-206	55.78	0.77	0.0696		0.0239	0.00212	
9	PCB-207			ND		0.0239	0.00142	
9	PCB-208			ND		0.0239	0.00127	
10	PCB-209			ND		0.0239	0.00748	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10709116004
Lab File ID: P241007B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 14:15
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 21:36
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.0616	
Total DiCB	1.91	
Total TrCB	2.82	
Total TeCB	9.54	
Total PeCB	5.51	
Total HxCB	8.94	
Total HpCB	5.17	
Total OcCB	1.27	
Total NoCB	0.0696	
DeCB	ND	
Total PCBs	35.3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10709116005
Lab File ID: P241007B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 15:00
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 22:37
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115029

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.96	3.05	2.00	0.959	48	
1	PCB-003L	12.76	3.22	2.00	1.16	58	
2	PCB-004L	13.06	1.54	2.00	1.14	57	
2	PCB-015L	20.16	1.59	2.00	1.46	73	
3	PCB-019L	16.88	1.04	2.00	1.20	60	
3	PCB-037L	27.94	1.07	2.00	1.53	76	
4	PCB-054L	20.49	0.79	2.00	1.12	56	
4	PCB-077L	35.67	0.80	2.00	1.78	89	
4	PCB-081L	35.08	0.80	2.00	1.72	86	
5	PCB-104L	26.61	1.58	2.00	1.29	64	
5	PCB-105L	39.29	1.62	2.00	1.64	82	
5	PCB-114L	38.63	1.62	2.00	1.64	82	
5	PCB-118L	38.08	1.65	2.00	1.62	81	
5	PCB-123L	37.73	1.58	2.00	1.62	81	
5	PCB-126L	42.46	1.64	2.00	1.83	92	
6	PCB-155L	32.68	1.27	2.00	1.31	66	
6	PCB-156/157L	45.53	1.28	4.00	3.20	80	
6	PCB-167L	44.36	1.28	2.00	1.58	79	
6	PCB-169L	48.83	1.31	2.00	1.76	88	
7	PCB-188L	38.60	1.04	2.00	1.37	69	
7	PCB-189L	51.39	1.07	2.00	1.59	79	
8	PCB-202L	44.09	0.90	2.00	1.41	70	
8	PCB-205L	54.00	0.91	2.00	1.55	78	
9	PCB-206L	55.74	0.79	2.00	1.56	78	
9	PCB-208L	50.89	0.78	2.00	1.50	75	
10	PCB-209L	57.36	0.71	2.00	1.62	81	
Recovery Standards							
2	PCB-009L	15.52	1.59	2.00	1.74	N/A	
4	PCB-052L	25.58	0.78	2.00	2.04	N/A	
5	PCB-101L	32.90	1.63	2.00	2.14	N/A	
6	PCB-138L	41.27	1.25	2.00	2.39	N/A	
8	PCB-194L	53.50	0.91	2.00	2.55	N/A	
Cleanup Standards							
3	PCB-028L	23.58	1.06	2.00	1.43	72	
5	PCB-111L	35.70	1.58	2.00	1.57	78	
7	PCB-178L	41.72	1.07	2.00	1.67	84	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10709116005
Lab File ID: P241007B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 15:00
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 22:37
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	9.98	3.22	0.108		0.0230	0.00408	
1	PCB-002			ND		0.0230	0.00415	
1	PCB-003	12.78	3.35	0.0256		0.0230	0.00773	
2	PCB-004	13.08	1.54	3.84		0.0230	0.00669	
2	PCB-005			ND		0.0230	0.00555	
2	PCB-006	16.03	1.52	0.103		0.0230	0.00282	
2	PCB-007			ND		0.0230	0.00269	
2	PCB-008	16.55	1.54	0.144		0.0230	0.00550	
2	PCB-009			ND		0.0230	0.00267	
2	PCB-010	13.30	1.50	0.129		0.0230	0.00390	
2	PCB-011			ND		0.225	0.0599	
2	PCB-012/013	19.79	1.54	0.0476		0.0460	0.00301	
2	PCB-014			ND		0.0230	0.00244	
2	PCB-015	20.18	1.60	0.257		0.0304	0.00593	
3	PCB-016	20.10	1.03	0.109		0.0230	0.00335	
3	PCB-017	19.59	1.03	0.846		0.0230	0.00373	
3	PCB-018/030	19.11	1.05	0.640		0.0460	0.00609	
3	PCB-019	16.91	1.03	2.83		0.0230	0.00313	
3	PCB-020/028	23.61	1.06	0.782		0.119	0.00691	
3	PCB-021/033	23.80	1.02	0.201		0.124	0.00570	
3	PCB-022			ND		0.0874	0.00376	
3	PCB-023			ND		0.0230	0.00136	
3	PCB-024			ND		0.0230	0.00128	
3	PCB-025	22.93	1.05	0.395		0.0230	0.00148	
3	PCB-026/029	22.65	1.06	0.451		0.0460	0.00239	
3	PCB-027	19.83	1.05	0.491		0.0230	0.00103	
3	PCB-031	23.27	1.04	0.416		0.120	0.00836	
3	PCB-032	20.72	1.07	1.27		0.0230	0.00279	
3	PCB-034			ND		0.0230	0.00137	
3	PCB-035			ND		0.0230	0.00137	
3	PCB-036			ND		0.0230	0.00127	
3	PCB-037	27.97	1.03	0.0558		0.0488	0.00278	
3	PCB-038			ND		0.0230	0.00128	
3	PCB-039			ND		0.0230	0.00145	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10709116005
Lab File ID: P241007B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 15:00
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 22:37
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.79	0.78	1.42		0.0690	0.00473	
4	PCB-042	27.26	0.79	0.469		0.0230	0.00251	
4	PCB-043/073	25.76	0.76	0.261		0.0460	0.00227	
4	PCB-044/047/065	26.75	0.78	9.32		0.0690	0.00668	
4	PCB-045/051	23.78	0.77	6.06		0.0460	0.00345	
4	PCB-046	24.03	0.74	0.346		0.0230	0.00155	
4	PCB-048			ND		0.0230	0.00183	
4	PCB-069/049	26.15	0.77	5.21		0.0460	0.00388	
4	PCB-050/053	22.95	0.77	4.75		0.0460	0.00198	
4	PCB-052	25.61	0.78	2.92		0.119	0.0139	
4	PCB-054	20.52	0.77	1.43		0.0230	0.00105	
4	PCB-055			ND		0.0230	0.00197	
4	PCB-056	31.80	0.77	0.0519		0.0230	0.00352	
4	PCB-057			ND		0.0230	0.00150	
4	PCB-058			ND		0.0230	0.00192	
4	PCB-059/062/075	27.09	0.81	0.183		0.0690	0.00237	
4	PCB-060			ND		0.0230	0.00193	
4	PCB-061/070/074/076	30.75	0.78	0.490		0.0920	0.00830	
4	PCB-063	30.41	0.81	0.0608		0.0230	0.00190	
4	PCB-064	28.02	0.78	0.154		0.0230	0.00227	
4	PCB-066	31.11	0.79	0.596		0.0543	0.00432	
4	PCB-067	30.08	0.84	0.0245		0.0230	0.00170	
4	PCB-068	29.25	0.79	0.149		0.0230	0.00150	
4	PCB-072	28.92	0.79	0.0877		0.0230	0.00184	
4	PCB-077	35.69	0.82	0.0243		0.0230	0.00189	
4	PCB-078			ND		0.0230	0.00196	
4	PCB-079	34.06	0.75	0.0240		0.0230	0.00170	
4	PCB-080			ND		0.0230	0.00169	
4	PCB-081			ND		0.0230	0.00188	
5	PCB-082	35.30	1.52	0.0727		0.0230	0.00139	
5	PCB-083	33.41	1.40	0.125		0.0230	0.00120	
5	PCB-084	30.95	1.57	0.375		0.0230	0.00240	
5	PCB-085/116/117	34.76	1.60	0.322		0.0690	0.00319	
5	PCB-086/087/097/108/119/12	34.08	1.53	1.17		0.138	0.00608	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10709116005
Lab File ID: P241007B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 15:00
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 22:37
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.73	1.59	1.53		0.0460	0.00185	
5	PCB-089			ND		0.0230	0.00131	
5	PCB-090/101/113	32.92	1.54	3.66		0.0690	0.00470	
5	PCB-092	32.31	1.56	1.20		0.0230	0.00099	
5	PCB-093/098/100/102	30.08	1.56	1.24		0.0920	0.00424	
5	PCB-094	29.34	1.53	0.368		0.0230	0.00085	
5	PCB-095	29.81	1.57	2.48		0.0644	0.00645	
5	PCB-096	27.03	1.50	0.203		0.0230	0.00086	
5	PCB-099	33.53	1.52	1.65		0.0230	0.00193	
5	PCB-103	29.13	1.54	0.457		0.0230	0.00071	
5	PCB-104	26.64	1.56	0.116		0.0230	0.00132	
5	PCB-105	39.30	1.60	0.179		0.0230	0.00296	
5	PCB-106			ND		0.0230	0.00128	
5	PCB-107/124			ND		0.0460	0.00207	
5	PCB-109	37.63	1.55	0.123		0.0230	0.00146	
5	PCB-110/115	34.97	1.61	2.09		0.0460	0.00524	
5	PCB-111			ND		0.0230	0.00090	
5	PCB-112			ND		0.0230	0.00143	
5	PCB-114			ND		0.0230	0.00128	
5	PCB-118	38.10	1.60	0.849		0.0359	0.00534	
5	PCB-120	36.21	1.49	0.0375		0.0230	0.00088	
5	PCB-121			ND		0.0230	0.00122	
5	PCB-122			ND		0.0230	0.00137	
5	PCB-123			ND		0.0230	0.00137	
5	PCB-126			ND		0.0230	0.00134	
5	PCB-127			ND		0.0230	0.00122	
6	PCB-128/166	42.59	1.24	0.332		0.0460	0.00248	
6	PCB-129/138/163	41.30	1.24	5.40		0.0690	0.00517	
6	PCB-130	40.63	1.25	0.277		0.0230	0.00223	
6	PCB-131	37.73	1.17	0.0339		0.0230	0.00233	
6	PCB-132	38.20	1.24	1.52		0.0230	0.00221	
6	PCB-133	38.72	1.20	0.173		0.0230	0.00212	
6	PCB-134/143	37.11	1.23	0.253		0.0460	0.00283	
6	PCB-135/151	35.93	1.24	3.60		0.0460	0.00309	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10709116005
Lab File ID: P241007B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 15:00
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 22:37
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.43	1.23	1.02		0.0230	0.00158	
6	PCB-137	40.86	1.28	0.105		0.0230	0.00208	
6	PCB-139/140	37.53	1.29	0.0781		0.0460	0.00216	
6	PCB-141	40.21	1.26	1.14		0.0230	0.00204	
6	PCB-142			ND		0.0230	0.00226	
6	PCB-144	36.54	1.24	0.319		0.0230	0.00092	
6	PCB-145			ND		0.0230	0.00105	
6	PCB-146	39.39	1.23	1.20		0.0230	0.00183	
6	PCB-147/149	36.91	1.28	6.19		0.0460	0.00394	
6	PCB-148	35.33	1.28	0.0627		0.0230	0.00107	
6	PCB-150	33.07	1.25	0.0775		0.0230	0.00109	
6	PCB-152	32.89	1.25	0.0657		0.0230	0.00087	
6	PCB-153/168	40.03	1.25	6.07		0.0460	0.00309	
6	PCB-154	36.21	1.25	0.259		0.0230	0.00136	
6	PCB-155			ND		0.0230	0.00120	
6	PCB-156/157	45.53	1.29	0.253		0.0460	0.00170	
6	PCB-158	41.70	1.26	0.344		0.0230	0.00127	
6	PCB-159	43.55	1.23	0.0802		0.0230	0.00114	
6	PCB-160			ND		0.0230	0.00143	
6	PCB-161			ND		0.0230	0.00149	
6	PCB-162			ND		0.0230	0.00117	
6	PCB-164	40.97	1.21	0.339		0.0230	0.00143	
6	PCB-165			ND		0.0230	0.00160	
6	PCB-167	44.37	1.27	0.163		0.0230	0.00166	
6	PCB-169			ND		0.0230	0.00115	
7	PCB-170	48.23	1.04	1.75		0.0230	0.00147	
7	PCB-171/173	44.64	1.04	0.560		0.0460	0.00190	
7	PCB-172	46.29	1.05	0.369		0.0230	0.00459	
7	PCB-174	43.54	1.06	2.12		0.0230	0.00166	
7	PCB-175	42.41	1.06	0.0954		0.0230	0.00109	
7	PCB-176	39.87	1.03	0.315		0.0230	0.00091	
7	PCB-177	43.99	1.05	1.32		0.0230	0.00189	
7	PCB-178	41.75	1.02	0.593		0.0230	0.00121	
7	PCB-179	38.97	1.04	1.19		0.0230	0.00143	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10709116005
Lab File ID: P241007B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 15:00
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 22:37
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.96	1.04	4.11		0.0460	0.00419	
7	PCB-181			ND		0.0230	0.00152	
7	PCB-182			ND		0.0230	0.00125	
7	PCB-183/185	43.32	1.03	1.41		0.0460	0.00278	
7	PCB-184			ND		0.0230	0.00064	
7	PCB-186			ND		0.0230	0.00151	
7	PCB-187	42.68	1.04	2.93		0.0230	0.00170	
7	PCB-188			ND		0.0230	0.00072	
7	PCB-189	51.41	0.99	0.0742		0.0230	0.00115	
7	PCB-190	48.78	1.06	0.378		0.0230	0.00160	
7	PCB-191	47.31	0.97	0.0705		0.0230	0.00147	
7	PCB-192			ND		0.0230	0.00148	
8	PCB-194	53.52	0.89	0.953		0.0230	0.00160	
8	PCB-195	51.17	0.89	0.412		0.0230	0.00166	
8	PCB-196	49.61	0.88	0.511		0.0230	0.00113	
8	PCB-197/200	46.08	0.90	0.177		0.0460	0.00192	
8	PCB-198/199	48.93	0.90	1.00		0.0460	0.00199	
8	PCB-201	45.06	0.93	0.131		0.0230	0.00058	
8	PCB-202	44.12	0.87	0.204		0.0230	0.00123	
8	PCB-203	49.82	0.88	0.627		0.0230	0.00103	
8	PCB-204			ND		0.0230	0.00118	
8	PCB-205	54.02	1.00	0.0537		0.0230	0.00143	
9	PCB-206	55.76	0.80	0.209		0.0230	0.00204	
9	PCB-207	51.86	0.74	0.0284		0.0230	0.00137	
9	PCB-208	50.91	0.82	0.0403		0.0230	0.00134	
10	PCB-209			ND		0.0230	0.00720	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10709116005
Lab File ID: P241007B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 15:00
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 22:37
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.134	
Total DiCB	4.52	
Total TrCB	8.49	
Total TeCB	34.0	
Total PeCB	18.3	
Total HxCB	29.3	
Total HpCB	17.3	
Total OcCB	4.07	
Total NoCB	0.278	
DeCB	ND	
Total PCBs	116	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10709116006
Lab File ID: P241007B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 15:00
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 23:38
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115029

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.90	3.10	2.00	0.863	43	
1	PCB-003L	12.73	3.17	2.00	1.07	54	
2	PCB-004L	13.03	1.53	2.00	1.03	52	
2	PCB-015L	20.16	1.59	2.00	1.26	63	
3	PCB-019L	16.86	1.06	2.00	1.10	55	
3	PCB-037L	27.97	1.07	2.00	1.35	68	
4	PCB-054L	20.50	0.79	2.00	1.06	53	
4	PCB-077L	35.69	0.80	2.00	1.29	64	
4	PCB-081L	35.11	0.80	2.00	1.65	83	
5	PCB-104L	26.64	1.56	2.00	1.15	58	
5	PCB-105L	39.30	1.60	2.00	1.50	75	
5	PCB-114L	38.65	1.61	2.00	1.51	75	
5	PCB-118L	38.10	1.61	2.00	1.47	73	
5	PCB-123L	37.76	1.55	2.00	1.45	73	
5	PCB-126L	42.47	1.59	2.00	1.66	83	
6	PCB-155L	32.70	1.27	2.00	1.10	55	
6	PCB-156/157L	45.55	1.30	4.00	2.80	70	
6	PCB-167L	44.36	1.30	2.00	1.38	69	
6	PCB-169L	48.83	1.28	2.00	1.51	75	
7	PCB-188L	38.63	1.03	2.00	1.16	58	
7	PCB-189L	51.39	1.08	2.00	1.35	68	
8	PCB-202L	44.11	0.91	2.00	1.19	59	
8	PCB-205L	54.00	0.89	2.00	1.33	67	
9	PCB-206L	55.74	0.79	2.00	1.28	64	
9	PCB-208L	50.89	0.80	2.00	1.28	64	
10	PCB-209L	57.36	0.71	2.00	1.32	66	
Recovery Standards							
2	PCB-009L	15.50	1.60	2.00	1.90	N/A	
4	PCB-052L	25.61	0.80	2.00	2.14	N/A	
5	PCB-101L	32.92	1.57	2.00	2.36	N/A	
6	PCB-138L	41.28	1.27	2.00	2.76	N/A	
8	PCB-194L	53.52	0.90	2.00	3.01	N/A	
Cleanup Standards							
3	PCB-028L	23.60	1.06	2.00	1.26	63	
5	PCB-111L	35.73	1.55	2.00	1.06	53	
7	PCB-178L	41.74	1.05	2.00	1.45	72	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10709116006
Lab File ID: P241007B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 15:00
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 23:38
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	9.92	3.12	0.0750		0.0230	0.00408	
1	PCB-002			ND		0.0230	0.00414	
1	PCB-003			ND		0.0230	0.00771	
2	PCB-004	13.05	1.59	3.19		0.0230	0.00524	
2	PCB-005			ND		0.0230	0.00873	
2	PCB-006	16.01	1.58	0.0744		0.0230	0.00770	
2	PCB-007			ND		0.0230	0.00760	
2	PCB-008	16.54	1.63	0.106		0.0230	0.00722	
2	PCB-009			ND		0.0230	0.00705	
2	PCB-010	13.27	1.42	0.136		0.0230	0.00320	
2	PCB-011			ND		0.225	0.0598	
2	PCB-012/013	19.80	1.36	0.0467		0.0459	0.00774	
2	PCB-014			ND		0.0230	0.00775	
2	PCB-015	20.19	1.59	0.257		0.0303	0.00785	
3	PCB-016	20.11	1.14	0.0904		0.0230	0.00334	
3	PCB-017	19.59	1.03	0.705		0.0230	0.00372	
3	PCB-018/030	19.10	1.04	0.569		0.0459	0.00608	
3	PCB-019	16.88	1.02	2.37		0.0230	0.00312	
3	PCB-020/028	23.63	1.08	0.742		0.118	0.00690	
3	PCB-021/033	23.81	1.05	0.186		0.124	0.00569	
3	PCB-022			ND		0.0872	0.00375	
3	PCB-023			ND		0.0230	0.00143	
3	PCB-024			ND		0.0230	0.00127	
3	PCB-025	22.95	1.05	0.374		0.0230	0.00148	
3	PCB-026/029	22.67	1.06	0.428		0.0459	0.00239	
3	PCB-027	19.83	1.06	0.452		0.0230	0.00103	
3	PCB-031	23.29	1.08	0.365		0.119	0.00835	
3	PCB-032	20.73	1.09	0.963		0.0230	0.00279	
3	PCB-034			ND		0.0230	0.00144	
3	PCB-035			ND		0.0230	0.00144	
3	PCB-036			ND		0.0230	0.00134	
3	PCB-037	27.99	1.05	0.0605		0.0487	0.00278	
3	PCB-038			ND		0.0230	0.00135	
3	PCB-039			ND		0.0230	0.00145	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10709116006
Lab File ID: P241007B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 15:00
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 23:38
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.80	0.77	1.49		0.0689	0.00472	
4	PCB-042	27.28	0.78	0.556		0.0230	0.00250	
4	PCB-043/073	25.79	0.66	0.262		0.0459	0.00226	
4	PCB-044/047/065	26.77	0.78	11.0		0.0689	0.00667	
4	PCB-045/051	23.80	0.76	5.90		0.0459	0.00344	
4	PCB-046	24.04	0.72	0.353		0.0230	0.00162	
4	PCB-048			ND		0.0230	0.00183	
4	PCB-069/049	26.16	0.78	5.86		0.0459	0.00387	
4	PCB-050/053	22.96	0.78	4.90		0.0459	0.00197	
4	PCB-052	25.64	0.77	3.22		0.118	0.0139	
4	PCB-054	20.52	0.78	1.30		0.0230	0.00113	
4	PCB-055			ND		0.0230	0.00867	
4	PCB-056	31.82	0.87	0.0663		0.0230	0.00857	
4	PCB-057			ND		0.0230	0.00413	
4	PCB-058			ND		0.0230	0.00846	
4	PCB-059/062/075	27.12	0.81	0.210		0.0689	0.00236	
4	PCB-060			ND		0.0230	0.00832	
4	PCB-061/070/074/076	30.78	0.82	0.589		0.0918	0.00840	
4	PCB-063	30.44	0.86	0.0775		0.0230	0.00835	
4	PCB-064	28.05	0.79	0.165		0.0230	0.00226	
4	PCB-066	31.14	0.77	0.754		0.0542	0.00816	
4	PCB-067	30.13	0.87	0.0371		0.0230	0.00750	
4	PCB-068	29.28	0.83	0.183		0.0230	0.00656	
4	PCB-072	28.96	0.84	0.109		0.0230	0.00811	
4	PCB-077	35.72	0.82	0.0356		0.0230	0.0102	
4	PCB-078			ND		0.0230	0.00862	
4	PCB-079	34.09	0.81	0.0299		0.0230	0.00747	
4	PCB-080			ND		0.0230	0.00745	
4	PCB-081			ND		0.0230	0.00753	
5	PCB-082	35.33	1.69	0.109		0.0230	0.00712	
5	PCB-083	33.44	1.56	0.165		0.0230	0.00734	
5	PCB-084	31.00	1.56	0.447		0.0230	0.00705	
5	PCB-085/116/117	34.79	1.53	0.460		0.0689	0.00512	
5	PCB-086/087/097/108/119/12	34.11	1.53	1.58		0.138	0.00607	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10709116006
Lab File ID: P241007B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 15:00
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 23:38
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.77	1.55	1.85		0.0459	0.00639	
5	PCB-089			ND		0.0230	0.00678	
5	PCB-090/101/113	32.95	1.58	4.78		0.0689	0.00547	
5	PCB-092	32.33	1.55	1.58		0.0230	0.00641	
5	PCB-093/098/100/102	30.12	1.54	1.54		0.0918	0.00636	
5	PCB-094	29.37	1.54	0.429		0.0230	0.00169	
5	PCB-095	29.85	1.54	2.93		0.0643	0.00644	
5	PCB-096	27.05	1.56	0.227		0.0230	0.00086	
5	PCB-099	33.57	1.55	2.21		0.0230	0.00546	
5	PCB-103	29.16	1.55	0.546		0.0230	0.00576	
5	PCB-104	26.67	1.56	0.134		0.0230	0.00132	
5	PCB-105	39.32	1.57	0.254		0.0230	0.00295	
5	PCB-106			ND		0.0230	0.00191	
5	PCB-107/124	37.41	1.51	0.0634		0.0459	0.00207	
5	PCB-109	37.66	1.62	0.185		0.0230	0.00146	
5	PCB-110/115	35.00	1.57	2.82		0.0459	0.00523	
5	PCB-111			ND		0.0230	0.00453	
5	PCB-112			ND		0.0230	0.00459	
5	PCB-114			ND		0.0230	0.00192	
5	PCB-118	38.13	1.62	1.28		0.0358	0.00533	
5	PCB-120	36.23	1.62	0.0533		0.0230	0.00435	
5	PCB-121	31.94	1.56	0.0249		0.0230	0.00453	
5	PCB-122			ND		0.0230	0.00205	
5	PCB-123	37.78	1.51	0.0311		0.0230	0.00198	
5	PCB-126			ND		0.0230	0.00194	
5	PCB-127			ND		0.0230	0.00183	
6	PCB-128/166	42.61	1.24	0.447		0.0459	0.00330	
6	PCB-129/138/163	41.32	1.23	8.84		0.0689	0.00517	
6	PCB-130	40.65	1.22	0.465		0.0230	0.00417	
6	PCB-131	37.76	1.18	0.0516		0.0230	0.00435	
6	PCB-132	38.21	1.23	2.38		0.0230	0.00413	
6	PCB-133	38.73	1.20	0.274		0.0230	0.00396	
6	PCB-134/143	37.12	1.28	0.374		0.0459	0.00429	
6	PCB-135/151	35.96	1.24	5.38		0.0459	0.00309	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10709116006
Lab File ID: P241007B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 15:00
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 23:38
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.46	1.24	1.39		0.0230	0.00157	
6	PCB-137	40.88	1.21	0.191		0.0230	0.00389	
6	PCB-139/140	37.56	1.24	0.120		0.0459	0.00364	
6	PCB-141	40.23	1.27	1.82		0.0230	0.00367	
6	PCB-142			ND		0.0230	0.00422	
6	PCB-144	36.55	1.21	0.460		0.0230	0.00092	
6	PCB-145			ND		0.0230	0.00105	
6	PCB-146	39.40	1.26	1.95		0.0230	0.00342	
6	PCB-147/149	36.92	1.25	9.68		0.0459	0.00394	
6	PCB-148	35.34	1.22	0.0981		0.0230	0.00107	
6	PCB-150	33.09	1.20	0.109		0.0230	0.00109	
6	PCB-152	32.90	1.24	0.0884		0.0230	0.00087	
6	PCB-153/168	40.04	1.25	9.95		0.0459	0.00309	
6	PCB-154	36.24	1.24	0.389		0.0230	0.00135	
6	PCB-155			ND		0.0230	0.00119	
6	PCB-156/157	45.55	1.30	0.439		0.0459	0.00203	
6	PCB-158	41.72	1.24	0.573		0.0230	0.00238	
6	PCB-159	43.57	1.20	0.125		0.0230	0.00157	
6	PCB-160			ND		0.0230	0.00267	
6	PCB-161			ND		0.0230	0.00279	
6	PCB-162	43.89	1.23	0.0279		0.0230	0.00136	
6	PCB-164	40.98	1.25	0.557		0.0230	0.00251	
6	PCB-165	39.15	1.28	0.0327		0.0230	0.00299	
6	PCB-167	44.39	1.26	0.277		0.0230	0.00165	
6	PCB-169			ND		0.0230	0.00159	
7	PCB-170	48.25	1.03	3.17		0.0230	0.00201	
7	PCB-171/173	44.66	1.03	0.987		0.0459	0.00196	
7	PCB-172	46.30	1.04	0.654		0.0230	0.00458	
7	PCB-174	43.55	1.04	3.66		0.0230	0.00165	
7	PCB-175	42.42	1.04	0.161		0.0230	0.00109	
7	PCB-176	39.89	1.05	0.521		0.0230	0.00091	
7	PCB-177	44.01	1.05	2.35		0.0230	0.00207	
7	PCB-178	41.75	1.07	1.03		0.0230	0.00121	
7	PCB-179	38.99	1.04	1.96		0.0230	0.00142	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10709116006
Lab File ID: P241007B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 15:00
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 23:38
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.96	1.04	7.39		0.0459	0.00418	
7	PCB-181			ND		0.0230	0.00183	
7	PCB-182	42.91	1.03	0.0232		0.0230	0.00125	
7	PCB-183/185	43.33	1.03	2.40		0.0459	0.00278	
7	PCB-184			ND		0.0230	0.00064	
7	PCB-186			ND		0.0230	0.00150	
7	PCB-187	42.69	1.04	4.90		0.0230	0.00170	
7	PCB-188	38.65	0.97	0.0231		0.0230	0.00072	
7	PCB-189	51.41	1.06	0.136		0.0230	0.00194	
7	PCB-190	48.78	1.04	0.687		0.0230	0.00160	
7	PCB-191	47.33	1.06	0.124		0.0230	0.00147	
7	PCB-192			ND		0.0230	0.00151	
8	PCB-194	53.54	0.88	1.77		0.0230	0.00175	
8	PCB-195	51.17	0.87	0.778		0.0230	0.00181	
8	PCB-196	49.62	0.89	0.929		0.0230	0.00113	
8	PCB-197/200	46.10	0.89	0.316		0.0459	0.00192	
8	PCB-198/199	48.93	0.87	1.44		0.0459	0.00199	
8	PCB-201	45.08	0.90	0.232		0.0230	0.00058	
8	PCB-202	44.14	0.87	0.364		0.0230	0.00123	
8	PCB-203	49.82	0.87	1.14		0.0230	0.00103	
8	PCB-204			ND		0.0230	0.00118	
8	PCB-205	54.02	0.87	0.103		0.0230	0.00146	
9	PCB-206	55.76	0.75	0.404		0.0230	0.00249	
9	PCB-207	51.88	0.72	0.0540		0.0230	0.00188	
9	PCB-208	50.94	0.74	0.0767		0.0230	0.00177	
10	PCB-209	57.38	0.69	0.0259		0.0230	0.00719	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10709116006
Lab File ID: P241007B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 15:00
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/07/2024 23:38
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241007B02
CCal File(s): P241007B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.0750	
Total DiCB	3.81	
Total TrCB	7.30	
Total TeCB	37.1	
Total PeCB	23.7	
Total HxCB	46.5	
Total HpCB	30.2	
Total OcCB	7.07	
Total NoCB	0.535	
DeCB	0.0259	
Total PCBs	156	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10709116007
Lab File ID: P241008A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 16:20
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 04:45
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115029

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1830mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.05	3.12	2.00	0.965	48	
1	PCB-003L	12.82	3.06	2.00	1.30	65	
2	PCB-004L	13.12	1.51	2.00	1.23	61	
2	PCB-015L	20.17	1.57	2.00	1.69	84	
3	PCB-019L	16.91	1.04	2.00	1.30	65	
3	PCB-037L	27.93	1.10	2.00	1.72	86	
4	PCB-054L	20.50	0.80	2.00	1.28	64	
4	PCB-077L	35.65	0.79	2.00	1.80	90	
4	PCB-081L	35.07	0.79	2.00	1.94	97	
5	PCB-104L	26.61	1.58	2.00	1.50	75	
5	PCB-105L	39.27	1.61	2.00	1.78	89	
5	PCB-114L	38.62	1.59	2.00	1.86	93	
5	PCB-118L	38.06	1.61	2.00	1.85	92	
5	PCB-123L	37.73	1.60	2.00	1.89	95	
5	PCB-126L	42.44	1.59	2.00	1.95	97	
6	PCB-155L	32.67	1.26	2.00	1.50	75	
6	PCB-156/157L	45.53	1.29	4.00	3.66	92	
6	PCB-167L	44.34	1.28	2.00	1.81	91	
6	PCB-169L	48.82	1.28	2.00	1.90	95	
7	PCB-188L	38.60	1.04	2.00	1.66	83	
7	PCB-189L	51.39	1.06	2.00	1.76	88	
8	PCB-202L	44.09	0.90	2.00	1.69	84	
8	PCB-205L	53.97	0.90	2.00	1.73	86	
9	PCB-206L	55.74	0.79	2.00	1.67	84	
9	PCB-208L	50.89	0.80	2.00	1.72	86	
10	PCB-209L	57.36	0.70	2.00	1.67	83	
Recovery Standards							
2	PCB-009L	15.56	1.57	2.00	1.60	N/A	
4	PCB-052L	25.58	0.78	2.00	1.91	N/A	
5	PCB-101L	32.88	1.58	2.00	1.98	N/A	
6	PCB-138L	41.27	1.26	2.00	2.11	N/A	
8	PCB-194L	53.50	0.91	2.00	2.17	N/A	
Cleanup Standards							
3	PCB-028L	23.58	1.05	2.00	1.60	80	
5	PCB-111L	35.69	1.55	2.00	1.58	79	
7	PCB-178L	41.72	1.03	2.00	1.90	95	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10709116007
Lab File ID: P241008A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 16:20
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 04:45
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1830mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.07	3.14	0.228		0.0219	0.00388	
1	PCB-002			ND		0.0219	0.00395	
1	PCB-003			ND		0.0219	0.00735	
2	PCB-004	13.13	1.55	7.99		0.0219	0.00494	
2	PCB-005	16.58	1.61	0.207		0.0219	0.00528	
2	PCB-006	16.07	1.56	0.112		0.0219	0.00268	
2	PCB-007			ND		0.0219	0.00256	
2	PCB-008			ND		0.0219	0.00523	
2	PCB-009	15.58	1.57	0.0221		0.0219	0.00221	
2	PCB-010	13.36	1.45	0.228		0.0219	0.00157	
2	PCB-011			ND		0.214	0.0570	
2	PCB-012/013	19.80	1.55	0.0495		0.0438	0.00287	
2	PCB-014			ND		0.0219	0.00196	
2	PCB-015	20.19	1.56	0.244		0.0289	0.00564	
3	PCB-016	20.12	1.04	0.0717		0.0219	0.00318	
3	PCB-017	19.60	1.07	0.784		0.0219	0.00354	
3	PCB-018/030	19.12	1.03	0.450		0.0438	0.00580	
3	PCB-019	16.93	1.03	4.99		0.0219	0.00298	
3	PCB-020/028	23.61	1.06	0.234		0.113	0.00657	
3	PCB-021/033	23.80	1.03	0.125		0.118	0.00543	
3	PCB-022			ND		0.0831	0.00358	
3	PCB-023			ND		0.0219	0.00109	
3	PCB-024			ND		0.0219	0.00121	
3	PCB-025	22.93	1.04	0.190		0.0219	0.00141	
3	PCB-026/029	22.65	1.07	0.252		0.0438	0.00228	
3	PCB-027	19.85	1.03	0.625		0.0219	0.00097	
3	PCB-031	23.27	1.07	0.210		0.114	0.00795	
3	PCB-032	20.73	1.07	0.692		0.0219	0.00266	
3	PCB-034			ND		0.0219	0.00106	
3	PCB-035			ND		0.0219	0.00108	
3	PCB-036			ND		0.0219	0.00102	
3	PCB-037			ND		0.0464	0.00265	
3	PCB-038			ND		0.0219	0.00107	
3	PCB-039			ND		0.0219	0.00138	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10709116007
Lab File ID: P241008A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 16:20
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 04:45
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1830mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.77	0.78	0.499		0.0656	0.00450	
4	PCB-042	27.25	0.75	0.148		0.0219	0.00238	
4	PCB-043/073	25.76	0.78	0.151		0.0438	0.00215	
4	PCB-044/047/065	26.74	0.78	4.43		0.0656	0.00635	
4	PCB-045/051	23.78	0.78	3.52		0.0438	0.00328	
4	PCB-046	24.03	0.79	0.129		0.0219	0.00148	
4	PCB-048			ND		0.0219	0.00174	
4	PCB-069/049	26.13	0.77	2.51		0.0438	0.00369	
4	PCB-050/053	22.95	0.76	2.46		0.0438	0.00188	
4	PCB-052	25.59	0.78	1.89		0.113	0.0132	
4	PCB-054	20.53	0.76	1.10		0.0219	0.00100	
4	PCB-055			ND		0.0219	0.00149	
4	PCB-056	31.79	0.79	0.0263		0.0219	0.00335	
4	PCB-057			ND		0.0219	0.00105	
4	PCB-058			ND		0.0219	0.00128	
4	PCB-059/062/075	27.08	0.80	0.0909		0.0656	0.00225	
4	PCB-060			ND		0.0219	0.00184	
4	PCB-061/070/074/076	30.73	0.82	0.238		0.0875	0.00790	
4	PCB-063			ND		0.0219	0.00099	
4	PCB-064	28.02	0.79	0.0819		0.0219	0.00215	
4	PCB-066	31.09	0.79	0.216		0.0516	0.00411	
4	PCB-067			ND		0.0219	0.00120	
4	PCB-068	29.23	0.82	0.0495		0.0219	0.00109	
4	PCB-072	28.91	0.83	0.0319		0.0219	0.00097	
4	PCB-077			ND		0.0219	0.00132	
4	PCB-078			ND		0.0219	0.00112	
4	PCB-079			ND		0.0219	0.00089	
4	PCB-080			ND		0.0219	0.00108	
4	PCB-081			ND		0.0219	0.00094	
5	PCB-082	35.30	1.59	0.0456		0.0219	0.00132	
5	PCB-083	33.40	1.55	0.0528		0.0219	0.00114	
5	PCB-084	30.95	1.52	0.208		0.0219	0.00229	
5	PCB-085/116/117	34.76	1.58	0.154		0.0656	0.00303	
5	PCB-086/087/097/108/119/12	34.08	1.54	0.600		0.131	0.00579	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10709116007
Lab File ID: P241008A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 16:20
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 04:45
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1830mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.72	1.59	0.649		0.0438	0.00176	
5	PCB-089			ND		0.0219	0.00125	
5	PCB-090/101/113	32.92	1.55	1.89		0.0656	0.00447	
5	PCB-092	32.30	1.57	0.498		0.0219	0.00094	
5	PCB-093/098/100/102	30.07	1.58	0.748		0.0875	0.00404	
5	PCB-094	29.33	1.56	0.136		0.0219	0.00081	
5	PCB-095	29.79	1.57	1.56		0.0613	0.00614	
5	PCB-096	27.01	1.54	0.0851		0.0219	0.00082	
5	PCB-099	33.53	1.55	0.655		0.0219	0.00184	
5	PCB-103	29.11	1.59	0.243		0.0219	0.00067	
5	PCB-104	26.63	1.55	0.0943		0.0219	0.00126	
5	PCB-105	39.30	1.61	0.112		0.0219	0.00423	
5	PCB-106			ND		0.0219	0.00371	
5	PCB-107/124			ND		0.0438	0.00197	
5	PCB-109	37.63	1.64	0.0467		0.0219	0.00355	
5	PCB-110/115	34.96	1.58	1.14		0.0438	0.00499	
5	PCB-111			ND		0.0219	0.00086	
5	PCB-112			ND		0.0219	0.00136	
5	PCB-114			ND		0.0219	0.00384	
5	PCB-118	38.10	1.59	0.443		0.0341	0.00508	
5	PCB-120			ND		0.0219	0.00083	
5	PCB-121			ND		0.0219	0.00116	
5	PCB-122			ND		0.0219	0.00410	
5	PCB-123			ND		0.0219	0.00382	
5	PCB-126			ND		0.0219	0.00391	
5	PCB-127			ND		0.0219	0.00377	
6	PCB-128/166	42.59	1.23	0.153		0.0438	0.00236	
6	PCB-129/138/163	41.30	1.23	2.69		0.0656	0.00492	
6	PCB-130	40.61	1.24	0.120		0.0219	0.00120	
6	PCB-131			ND		0.0219	0.00144	
6	PCB-132	38.18	1.25	0.821		0.0219	0.00163	
6	PCB-133	38.70	1.24	0.0754		0.0219	0.00103	
6	PCB-134/143	37.09	1.34	0.122		0.0438	0.00269	
6	PCB-135/151	35.93	1.23	1.65		0.0438	0.00294	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10709116007
Lab File ID: P241008A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 16:20
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 04:45
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1830mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.41	1.23	0.521		0.0219	0.00150	
6	PCB-137	40.86	1.17	0.0566		0.0219	0.00160	
6	PCB-139/140			ND		0.0438	0.00206	
6	PCB-141	40.21	1.23	0.633		0.0219	0.00194	
6	PCB-142			ND		0.0219	0.00135	
6	PCB-144	36.52	1.21	0.169		0.0219	0.00088	
6	PCB-145			ND		0.0219	0.00100	
6	PCB-146	39.37	1.25	0.497		0.0219	0.00124	
6	PCB-147/149	36.89	1.29	3.10		0.0438	0.00375	
6	PCB-148	35.31	1.15	0.0307		0.0219	0.00102	
6	PCB-150	33.06	1.28	0.0377		0.0219	0.00104	
6	PCB-152	32.87	1.27	0.0285		0.0219	0.00083	
6	PCB-153/168	40.01	1.24	2.91		0.0438	0.00294	
6	PCB-154	36.21	1.23	0.106		0.0219	0.00129	
6	PCB-155			ND		0.0219	0.00114	
6	PCB-156/157	45.53	1.25	0.130		0.0438	0.00162	
6	PCB-158	41.70	1.24	0.197		0.0219	0.00120	
6	PCB-159			ND		0.0219	0.00108	
6	PCB-160			ND		0.0219	0.00124	
6	PCB-161			ND		0.0219	0.00068	
6	PCB-162			ND		0.0219	0.00109	
6	PCB-164	40.96	1.24	0.188		0.0219	0.00136	
6	PCB-165			ND		0.0219	0.00071	
6	PCB-167	44.37	1.26	0.0731		0.0219	0.00158	
6	PCB-169			ND		0.0219	0.00107	
7	PCB-170	48.23	1.02	0.894		0.0219	0.00678	
7	PCB-171/173	44.64	1.03	0.300		0.0438	0.00675	
7	PCB-172	46.29	1.05	0.185		0.0219	0.00676	
7	PCB-174	43.54	1.04	1.15		0.0219	0.00613	
7	PCB-175	42.39	1.04	0.0500		0.0219	0.00104	
7	PCB-176	39.87	1.03	0.162		0.0219	0.00086	
7	PCB-177	43.99	1.03	0.699		0.0219	0.00682	
7	PCB-178	41.74	1.05	0.309		0.0219	0.00115	
7	PCB-179	38.95	1.06	0.614		0.0219	0.00136	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10709116007
Lab File ID: P241008A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 16:20
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 04:45
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1830mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.94	1.04	2.23		0.0438	0.00538	
7	PCB-181			ND		0.0219	0.00621	
7	PCB-182			ND		0.0219	0.00119	
7	PCB-183/185	43.32	1.05	0.774		0.0438	0.00265	
7	PCB-184			ND		0.0219	0.00061	
7	PCB-186			ND		0.0219	0.00143	
7	PCB-187	42.67	1.02	1.42		0.0219	0.00162	
7	PCB-188			ND		0.0219	0.00069	
7	PCB-189	51.41	1.08	0.0330		0.0219	0.00109	
7	PCB-190	48.77	1.02	0.207		0.0219	0.00503	
7	PCB-191	47.31	0.99	0.0384		0.0219	0.00489	
7	PCB-192			ND		0.0219	0.00513	
8	PCB-194	53.52	0.90	0.460		0.0219	0.00113	
8	PCB-195	51.17	0.88	0.204		0.0219	0.00144	
8	PCB-196	49.61	0.89	0.259		0.0219	0.00108	
8	PCB-197/200	46.07	0.88	0.0909		0.0438	0.00183	
8	PCB-198/199	48.93	0.89	0.442		0.0438	0.00189	
8	PCB-201	45.06	0.88	0.0699		0.0219	0.00055	
8	PCB-202	44.11	0.88	0.104		0.0219	0.00117	
8	PCB-203	49.81	0.88	0.318		0.0219	0.00098	
8	PCB-204			ND		0.0219	0.00113	
8	PCB-205	54.02	0.88	0.0272		0.0219	0.00136	
9	PCB-206	55.76	0.79	0.106		0.0219	0.00194	
9	PCB-207			ND		0.0219	0.00130	
9	PCB-208			ND		0.0219	0.00116	
10	PCB-209			ND		0.0219	0.00685	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10709116007
Lab File ID: P241008A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024 16:20
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 04:45
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1830mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.228	
Total DiCB	8.85	
Total TrCB	8.62	
Total TeCB	17.6	
Total PeCB	9.36	
Total HxCB	14.3	
Total HpCB	9.07	
Total OcCB	1.97	
Total NoCB	0.106	
DeCB	ND	
Total PCBs	70.1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10709116008
Lab File ID: P241008A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 09/19/2024 13:10
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 05:47
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115029

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.07	3.03	2.00	0.927	46	
1	PCB-003L	12.84	3.14	2.00	1.13	57	
2	PCB-004L	13.13	1.54	2.00	1.05	53	
2	PCB-015L	20.18	1.58	2.00	1.38	69	
3	PCB-019L	16.93	1.03	2.00	1.03	51	
3	PCB-037L	27.94	1.06	2.00	1.52	76	
4	PCB-054L	20.52	0.81	2.00	1.02	51	
4	PCB-077L	35.65	0.79	2.00	1.67	84	
4	PCB-081L	35.08	0.79	2.00	1.78	89	
5	PCB-104L	26.61	1.56	2.00	1.23	62	
5	PCB-105L	39.29	1.62	2.00	1.58	79	
5	PCB-114L	38.63	1.60	2.00	1.68	84	
5	PCB-118L	38.08	1.63	2.00	1.65	82	
5	PCB-123L	37.73	1.61	2.00	1.65	83	
5	PCB-126L	42.46	1.62	2.00	1.78	89	
6	PCB-155L	32.67	1.26	2.00	1.35	68	
6	PCB-156/157L	45.53	1.30	4.00	3.19	80	
6	PCB-167L	44.36	1.31	2.00	1.62	81	
6	PCB-169L	48.83	1.29	2.00	1.68	84	
7	PCB-188L	38.60	1.03	2.00	1.52	76	
7	PCB-189L	51.39	1.09	2.00	1.60	80	
8	PCB-202L	44.09	0.92	2.00	1.51	76	
8	PCB-205L	54.00	0.91	2.00	1.55	78	
9	PCB-206L	55.74	0.79	2.00	1.48	74	
9	PCB-208L	50.89	0.79	2.00	1.54	77	
10	PCB-209L	57.36	0.71	2.00	1.53	77	
Recovery Standards							
2	PCB-009L	15.58	1.58	2.00	1.79	N/A	
4	PCB-052L	25.58	0.78	2.00	2.14	N/A	
5	PCB-101L	32.89	1.57	2.00	2.19	N/A	
6	PCB-138L	41.27	1.27	2.00	2.36	N/A	
8	PCB-194L	53.50	0.91	2.00	2.31	N/A	
Cleanup Standards							
3	PCB-028L	23.60	1.06	2.00	1.44	72	
5	PCB-111L	35.70	1.58	2.00	1.48	74	
7	PCB-178L	41.72	1.05	2.00	1.70	85	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10709116008
Lab File ID: P241008A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 09/19/2024 13:10
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 05:47
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.09	3.17	0.289		0.0229	0.00406	
1	PCB-002			ND		0.0229	0.00413	
1	PCB-003			ND		0.0229	0.00769	
2	PCB-004	13.16	1.55	10.3		0.0229	0.00517	
2	PCB-005			ND		0.0229	0.00553	
2	PCB-006	16.08	1.59	0.150		0.0229	0.00280	
2	PCB-007			ND		0.0229	0.00268	
2	PCB-008	16.60	1.55	0.163		0.0229	0.00547	
2	PCB-009	15.60	1.51	0.0324		0.0229	0.00216	
2	PCB-010	13.38	1.60	0.301		0.0229	0.00255	
2	PCB-011			ND		0.224	0.0596	
2	PCB-012/013	19.81	1.57	0.0504		0.0458	0.00300	
2	PCB-014			ND		0.0229	0.00192	
2	PCB-015	20.20	1.64	0.230		0.0302	0.00590	
3	PCB-016	20.13	1.06	0.0788		0.0229	0.00333	
3	PCB-017	19.61	1.05	0.918		0.0229	0.00371	
3	PCB-018/030	19.13	1.06	0.516		0.0458	0.00606	
3	PCB-019	16.95	1.06	6.16		0.0229	0.00311	
3	PCB-020/028	23.61	1.06	0.190		0.118	0.00688	
3	PCB-021/033			ND		0.124	0.00568	
3	PCB-022			ND		0.0870	0.00374	
3	PCB-023			ND		0.0229	0.00114	
3	PCB-024			ND		0.0229	0.00127	
3	PCB-025	22.95	1.05	0.199		0.0229	0.00148	
3	PCB-026/029	22.67	1.07	0.326		0.0458	0.00238	
3	PCB-027	19.86	1.04	0.756		0.0229	0.00102	
3	PCB-031	23.29	1.05	0.205		0.119	0.00832	
3	PCB-032	20.75	1.06	0.560		0.0229	0.00278	
3	PCB-034			ND		0.0229	0.00111	
3	PCB-035			ND		0.0229	0.00113	
3	PCB-036			ND		0.0229	0.00107	
3	PCB-037			ND		0.0485	0.00277	
3	PCB-038			ND		0.0229	0.00112	
3	PCB-039			ND		0.0229	0.00144	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10709116008
Lab File ID: P241008A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 09/19/2024 13:10
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 05:47
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.79	0.78	0.378		0.0687	0.00470	
4	PCB-042	27.25	0.75	0.120		0.0229	0.00249	
4	PCB-043/073	25.76	0.79	0.119		0.0458	0.00225	
4	PCB-044/047/065	26.74	0.78	3.11		0.0687	0.00665	
4	PCB-045/051	23.80	0.78	2.45		0.0458	0.00343	
4	PCB-046	24.05	0.79	0.113		0.0229	0.00154	
4	PCB-048			ND		0.0229	0.00182	
4	PCB-069/049	26.13	0.79	2.02		0.0458	0.00386	
4	PCB-050/053	22.96	0.77	2.08		0.0458	0.00197	
4	PCB-052	25.61	0.78	1.97		0.118	0.0138	
4	PCB-054	20.53	0.77	1.05		0.0229	0.00105	
4	PCB-055			ND		0.0229	0.00156	
4	PCB-056			ND		0.0229	0.00350	
4	PCB-057			ND		0.0229	0.00105	
4	PCB-058			ND		0.0229	0.00134	
4	PCB-059/062/075			ND		0.0687	0.00236	
4	PCB-060			ND		0.0229	0.00192	
4	PCB-061/070/074/076	30.73	0.79	0.201		0.0915	0.00826	
4	PCB-063			ND		0.0229	0.00089	
4	PCB-064	28.02	0.78	0.0810		0.0229	0.00225	
4	PCB-066	31.09	0.79	0.159		0.0540	0.00430	
4	PCB-067			ND		0.0229	0.00126	
4	PCB-068	29.23	0.82	0.0327		0.0229	0.00114	
4	PCB-072	28.92	0.78	0.0285		0.0229	0.00080	
4	PCB-077			ND		0.0229	0.00138	
4	PCB-078			ND		0.0229	0.00117	
4	PCB-079			ND		0.0229	0.00080	
4	PCB-080			ND		0.0229	0.00113	
4	PCB-081			ND		0.0229	0.00076	
5	PCB-082	35.30	1.53	0.0371		0.0229	0.00138	
5	PCB-083	33.41	1.58	0.0464		0.0229	0.00119	
5	PCB-084	30.95	1.61	0.192		0.0229	0.00239	
5	PCB-085/116/117	34.77	1.53	0.117		0.0687	0.00317	
5	PCB-086/087/097/108/119/12	34.09	1.58	0.477		0.137	0.00605	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10709116008
Lab File ID: P241008A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 09/19/2024 13:10
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 05:47
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.73	1.58	0.476		0.0458	0.00184	
5	PCB-089			ND		0.0229	0.00130	
5	PCB-090/101/113	32.92	1.56	1.55		0.0687	0.00468	
5	PCB-092	32.30	1.58	0.393		0.0229	0.00099	
5	PCB-093/098/100/102	30.07	1.57	0.527		0.0915	0.00422	
5	PCB-094	29.34	1.55	0.104		0.0229	0.00085	
5	PCB-095	29.81	1.54	1.44		0.0641	0.00642	
5	PCB-096	27.02	1.60	0.0642		0.0229	0.00086	
5	PCB-099	33.54	1.60	0.475		0.0229	0.00192	
5	PCB-103	29.13	1.62	0.179		0.0229	0.00070	
5	PCB-104	26.64	1.60	0.0713		0.0229	0.00132	
5	PCB-105	39.30	1.61	0.0852		0.0229	0.00294	
5	PCB-106			ND		0.0229	0.00116	
5	PCB-107/124			ND		0.0458	0.00206	
5	PCB-109	37.63	1.59	0.0322		0.0229	0.00145	
5	PCB-110/115	34.97	1.55	0.941		0.0458	0.00522	
5	PCB-111			ND		0.0229	0.00090	
5	PCB-112			ND		0.0229	0.00142	
5	PCB-114			ND		0.0229	0.00117	
5	PCB-118	38.10	1.56	0.322		0.0357	0.00531	
5	PCB-120			ND		0.0229	0.00087	
5	PCB-121			ND		0.0229	0.00121	
5	PCB-122			ND		0.0229	0.00126	
5	PCB-123			ND		0.0229	0.00136	
5	PCB-126			ND		0.0229	0.00078	
5	PCB-127			ND		0.0229	0.00116	
6	PCB-128/166	42.59	1.25	0.0980		0.0458	0.0151	
6	PCB-129/138/163	41.30	1.26	1.92		0.0687	0.0160	
6	PCB-130	40.63	1.22	0.0824		0.0229	0.0195	
6	PCB-131			ND		0.0229	0.0206	
6	PCB-132	38.20	1.24	0.580		0.0229	0.0190	
6	PCB-133	38.72	1.27	0.0508		0.0229	0.0184	
6	PCB-134/143	37.11	1.35	0.0942		0.0458	0.0199	
6	PCB-135/151	35.93	1.23	1.25		0.0458	0.00308	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10709116008
Lab File ID: P241008A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 09/19/2024 13:10
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 05:47
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.43	1.25	0.409		0.0229	0.00157	
6	PCB-137	40.86	1.16	0.0326		0.0229	0.0167	
6	PCB-139/140			ND		0.0458	0.00215	
6	PCB-141	40.21	1.22	0.456		0.0229	0.0171	
6	PCB-142			ND		0.0229	0.0196	
6	PCB-144	36.52	1.21	0.128		0.0229	0.00092	
6	PCB-145			ND		0.0229	0.00105	
6	PCB-146	39.39	1.27	0.348		0.0229	0.0152	
6	PCB-147/149	36.89	1.30	2.32		0.0458	0.00392	
6	PCB-148			ND		0.0229	0.00107	
6	PCB-150	33.07	1.23	0.0245		0.0229	0.00108	
6	PCB-152			ND		0.0229	0.00087	
6	PCB-153/168	40.03	1.25	2.05		0.0458	0.0136	
6	PCB-154	36.21	1.21	0.0754		0.0229	0.00135	
6	PCB-155			ND		0.0229	0.00119	
6	PCB-156/157	45.53	1.30	0.0897		0.0458	0.00169	
6	PCB-158	41.70	1.20	0.137		0.0229	0.0115	
6	PCB-159			ND		0.0229	0.00113	
6	PCB-160			ND		0.0229	0.0136	
6	PCB-161			ND		0.0229	0.0133	
6	PCB-162			ND		0.0229	0.00114	
6	PCB-164	40.96	1.25	0.137		0.0229	0.0131	
6	PCB-165			ND		0.0229	0.0138	
6	PCB-167	44.37	1.26	0.0458		0.0229	0.00165	
6	PCB-169			ND		0.0229	0.00103	
7	PCB-170	48.23	1.04	0.548		0.0229	0.00146	
7	PCB-171/173	44.64	1.04	0.197		0.0458	0.00189	
7	PCB-172	46.29	1.04	0.120		0.0229	0.00457	
7	PCB-174	43.54	1.02	0.776		0.0229	0.00165	
7	PCB-175	42.41	1.07	0.0341		0.0229	0.00109	
7	PCB-176	39.87	1.06	0.113		0.0229	0.00090	
7	PCB-177	43.99	1.04	0.464		0.0229	0.00188	
7	PCB-178	41.75	1.04	0.208		0.0229	0.00120	
7	PCB-179	38.97	1.05	0.409		0.0229	0.00142	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10709116008
Lab File ID: P241008A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 09/19/2024 13:10
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 05:47
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.96	1.04	1.44		0.0458	0.00416	
7	PCB-181			ND		0.0229	0.00151	
7	PCB-182			ND		0.0229	0.00125	
7	PCB-183/185	43.32	1.01	0.524		0.0458	0.00277	
7	PCB-184			ND		0.0229	0.00064	
7	PCB-186			ND		0.0229	0.00150	
7	PCB-187	42.68	1.03	0.976		0.0229	0.00169	
7	PCB-188			ND		0.0229	0.00072	
7	PCB-189			ND		0.0229	0.00114	
7	PCB-190	48.78	1.03	0.130		0.0229	0.00159	
7	PCB-191	47.33	1.03	0.0259		0.0229	0.00146	
7	PCB-192			ND		0.0229	0.00148	
8	PCB-194	53.54	0.90	0.274		0.0229	0.00118	
8	PCB-195	51.17	0.89	0.126		0.0229	0.00151	
8	PCB-196	49.61	0.90	0.161		0.0229	0.00113	
8	PCB-197/200	46.08	0.86	0.0585		0.0458	0.00191	
8	PCB-198/199	48.94	0.87	0.284		0.0458	0.00198	
8	PCB-201	45.06	0.86	0.0454		0.0229	0.00058	
8	PCB-202	44.12	0.85	0.0687		0.0229	0.00122	
8	PCB-203	49.82	0.89	0.197		0.0229	0.00103	
8	PCB-204			ND		0.0229	0.00118	
8	PCB-205			ND		0.0229	0.00142	
9	PCB-206	55.76	0.82	0.0639		0.0229	0.00203	
9	PCB-207			ND		0.0229	0.00136	
9	PCB-208			ND		0.0229	0.00121	
10	PCB-209			ND		0.0229	0.00716	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10709116008
Lab File ID: P241008A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 09/19/2024 13:10
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 05:47
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.289	
Total DiCB	11.2	
Total TrCB	9.91	
Total TeCB	13.9	
Total PeCB	7.53	
Total HxCB	10.3	
Total HpCB	5.96	
Total OcCB	1.22	
Total NoCB	0.0639	
DeCB	ND	
Total PCBs	60.4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10709116009
Lab File ID: P241008A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 09/19/2024 14:30
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 06:48
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115029

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.00	3.16	2.00	0.824	41	
1	PCB-003L	12.79	3.13	2.00	0.972	49	
2	PCB-004L	13.09	1.54	2.00	0.912	46	
2	PCB-015L	20.16	1.57	2.00	1.19	59	
3	PCB-019L	16.89	1.05	2.00	0.924	46	
3	PCB-037L	27.94	1.07	2.00	1.35	67	
4	PCB-054L	20.49	0.81	2.00	0.888	44	
4	PCB-077L	35.65	0.80	2.00	1.51	76	
4	PCB-081L	35.08	0.80	2.00	1.55	77	
5	PCB-104L	26.61	1.56	2.00	1.07	54	
5	PCB-105L	39.27	1.60	2.00	1.40	70	
5	PCB-114L	38.62	1.59	2.00	1.46	73	
5	PCB-118L	38.06	1.63	2.00	1.43	71	
5	PCB-123L	37.73	1.60	2.00	1.45	72	
5	PCB-126L	42.44	1.62	2.00	1.53	77	
6	PCB-155L	32.67	1.25	2.00	1.26	63	
6	PCB-156/157L	45.53	1.29	4.00	2.94	74	
6	PCB-167L	44.34	1.29	2.00	1.47	73	
6	PCB-169L	48.82	1.31	2.00	1.53	76	
7	PCB-188L	38.60	1.04	2.00	1.35	67	
7	PCB-189L	51.39	1.06	2.00	1.44	72	
8	PCB-202L	44.09	0.90	2.00	1.34	67	
8	PCB-205L	53.97	0.88	2.00	1.39	69	
9	PCB-206L	55.74	0.80	2.00	1.34	67	
9	PCB-208L	50.89	0.79	2.00	1.40	70	
10	PCB-209L	57.36	0.71	2.00	1.36	68	
Recovery Standards							
2	PCB-009L	15.53	1.56	2.00	2.20	N/A	
4	PCB-052L	25.58	0.78	2.00	2.56	N/A	
5	PCB-101L	32.89	1.63	2.00	2.65	N/A	
6	PCB-138L	41.27	1.28	2.00	2.71	N/A	
8	PCB-194L	53.50	0.92	2.00	2.74	N/A	
Cleanup Standards							
3	PCB-028L	23.58	1.06	2.00	1.26	63	
5	PCB-111L	35.69	1.62	2.00	1.32	66	
7	PCB-178L	41.72	1.05	2.00	1.48	74	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10709116009
Lab File ID: P241008A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 09/19/2024 14:30
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 06:48
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.01	3.21	0.0703		0.0237	0.00420	
1	PCB-002			ND		0.0237	0.00427	
1	PCB-003			ND		0.0237	0.00796	
2	PCB-004	13.11	1.55	11.4		0.0237	0.00535	
2	PCB-005			ND		0.0237	0.00572	
2	PCB-006	16.04	1.60	0.128		0.0237	0.00290	
2	PCB-007			ND		0.0237	0.00306	
2	PCB-008	16.56	1.55	0.139		0.0237	0.00566	
2	PCB-009	15.57	1.60	0.0273		0.0237	0.00353	
2	PCB-010	13.34	1.52	0.267		0.0237	0.00179	
2	PCB-011			ND		0.232	0.0617	
2	PCB-012/013	19.79	1.56	0.0537		0.0474	0.00314	
2	PCB-014			ND		0.0237	0.00314	
2	PCB-015	20.18	1.60	0.216		0.0313	0.00611	
3	PCB-016	20.11	1.07	0.175		0.0237	0.00344	
3	PCB-017	19.59	1.06	0.544		0.0237	0.00384	
3	PCB-018/030	19.10	1.01	0.643		0.0474	0.00627	
3	PCB-019	16.92	1.01	2.38		0.0237	0.00322	
3	PCB-020/028			ND		0.122	0.00711	
3	PCB-021/033			ND		0.128	0.00587	
3	PCB-022			ND		0.0900	0.00387	
3	PCB-023			ND		0.0237	0.00118	
3	PCB-024			ND		0.0237	0.00131	
3	PCB-025	22.93	1.09	0.0866		0.0237	0.00153	
3	PCB-026/029	22.65	1.07	0.229		0.0474	0.00246	
3	PCB-027	19.83	1.06	0.467		0.0237	0.00106	
3	PCB-031	23.27	1.05	0.194		0.123	0.00861	
3	PCB-032	20.72	1.07	0.235		0.0237	0.00288	
3	PCB-034			ND		0.0237	0.00115	
3	PCB-035			ND		0.0237	0.00117	
3	PCB-036			ND		0.0237	0.00110	
3	PCB-037			ND		0.0502	0.00286	
3	PCB-038			ND		0.0237	0.00116	
3	PCB-039			ND		0.0237	0.00149	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10709116009
Lab File ID: P241008A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 09/19/2024 14:30
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 06:48
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.77	0.80	0.141		0.0710	0.00487	
4	PCB-042	27.25	0.79	0.0678		0.0237	0.00258	
4	PCB-043/073			ND		0.0474	0.00233	
4	PCB-044/047/065	26.69	0.78	0.647		0.0710	0.00688	
4	PCB-045/051	23.78	0.78	0.337		0.0474	0.00355	
4	PCB-046	24.03	0.77	0.0617		0.0237	0.00160	
4	PCB-048			ND		0.0237	0.00188	
4	PCB-069/049	26.13	0.77	0.576		0.0474	0.00399	
4	PCB-050/053	22.95	0.80	0.582		0.0474	0.00204	
4	PCB-052	25.59	0.77	1.36		0.122	0.0143	
4	PCB-054	20.52	0.80	0.170		0.0237	0.00108	
4	PCB-055			ND		0.0237	0.00161	
4	PCB-056			ND		0.0237	0.00362	
4	PCB-057			ND		0.0237	0.00108	
4	PCB-058			ND		0.0237	0.00139	
4	PCB-059/062/075			ND		0.0710	0.00244	
4	PCB-060			ND		0.0237	0.00199	
4	PCB-061/070/074/076	30.73	0.80	0.188		0.0947	0.00855	
4	PCB-063			ND		0.0237	0.00117	
4	PCB-064	28.02	0.79	0.111		0.0237	0.00233	
4	PCB-066	31.09	0.77	0.0692		0.0559	0.00445	
4	PCB-067			ND		0.0237	0.00130	
4	PCB-068			ND		0.0237	0.00118	
4	PCB-072			ND		0.0237	0.00115	
4	PCB-077			ND		0.0237	0.00143	
4	PCB-078			ND		0.0237	0.00121	
4	PCB-079			ND		0.0237	0.00105	
4	PCB-080			ND		0.0237	0.00117	
4	PCB-081			ND		0.0237	0.00109	
5	PCB-082			ND		0.0237	0.00143	
5	PCB-083			ND		0.0237	0.00123	
5	PCB-084	30.95	1.56	0.125		0.0237	0.00247	
5	PCB-085/116/117			ND		0.0710	0.00328	
5	PCB-086/087/097/108/119/12			ND		0.142	0.00626	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10709116009
Lab File ID: P241008A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 09/19/2024 14:30
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 06:48
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.72	1.53	0.0700		0.0474	0.00191	
5	PCB-089			ND		0.0237	0.00135	
5	PCB-090/101/113	32.92	1.56	0.449		0.0710	0.00484	
5	PCB-092	32.30	1.55	0.0677		0.0237	0.00103	
5	PCB-093/098/100/102			ND		0.0947	0.00437	
5	PCB-094			ND		0.0237	0.00088	
5	PCB-095	29.81	1.59	0.831		0.0663	0.00664	
5	PCB-096			ND		0.0237	0.00089	
5	PCB-099	33.53	1.55	0.100		0.0237	0.00199	
5	PCB-103			ND		0.0237	0.00073	
5	PCB-104			ND		0.0237	0.00136	
5	PCB-105	39.30	1.59	0.0246		0.0237	0.00304	
5	PCB-106			ND		0.0237	0.00120	
5	PCB-107/124			ND		0.0474	0.00213	
5	PCB-109			ND		0.0237	0.00150	
5	PCB-110/115	34.97	1.52	0.288	U	0.0474	0.00540	
5	PCB-111			ND		0.0237	0.00093	
5	PCB-112			ND		0.0237	0.00147	
5	PCB-114			ND		0.0237	0.00121	
5	PCB-118	38.10	1.51	0.0772		0.0369	0.00549	
5	PCB-120			ND		0.0237	0.00090	
5	PCB-121			ND		0.0237	0.00125	
5	PCB-122			ND		0.0237	0.00130	
5	PCB-123			ND		0.0237	0.00141	
5	PCB-126			ND		0.0237	0.00075	
5	PCB-127			ND		0.0237	0.00120	
6	PCB-128/166			ND		0.0474	0.00256	
6	PCB-129/138/163	41.30	1.23	0.205		0.0710	0.00533	
6	PCB-130			ND		0.0237	0.00152	
6	PCB-131			ND		0.0237	0.00161	
6	PCB-132	38.18	1.27	0.0822		0.0237	0.00176	
6	PCB-133			ND		0.0237	0.00143	
6	PCB-134/143			ND		0.0474	0.00291	
6	PCB-135/151	35.93	1.24	0.171		0.0474	0.00318	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10709116009
Lab File ID: P241008A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 09/19/2024 14:30
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 06:48
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.41	1.25	0.0780		0.0237	0.00162	
6	PCB-137			ND		0.0237	0.00173	
6	PCB-139/140			ND		0.0474	0.00223	
6	PCB-141	40.21	1.23	0.0505		0.0237	0.00210	
6	PCB-142			ND		0.0237	0.00152	
6	PCB-144			ND		0.0237	0.00095	
6	PCB-145			ND		0.0237	0.00108	
6	PCB-146	39.37	1.36	0.0348		0.0237	0.00134	
6	PCB-147/149	36.89	1.27	0.300		0.0474	0.00406	
6	PCB-148			ND		0.0237	0.00110	
6	PCB-150			ND		0.0237	0.00112	
6	PCB-152			ND		0.0237	0.00090	
6	PCB-153/168	40.01	1.22	0.218		0.0474	0.00318	
6	PCB-154			ND		0.0237	0.00140	
6	PCB-155			ND		0.0237	0.00123	
6	PCB-156/157			ND		0.0474	0.00175	
6	PCB-158			ND		0.0237	0.00130	
6	PCB-159			ND		0.0237	0.00117	
6	PCB-160			ND		0.0237	0.00134	
6	PCB-161			ND		0.0237	0.00103	
6	PCB-162			ND		0.0237	0.00118	
6	PCB-164			ND		0.0237	0.00147	
6	PCB-165			ND		0.0237	0.00107	
6	PCB-167			ND		0.0237	0.00170	
6	PCB-169			ND		0.0237	0.00106	
7	PCB-170	48.23	0.98	0.0392		0.0237	0.00152	
7	PCB-171/173			ND		0.0474	0.00195	
7	PCB-172			ND		0.0237	0.00472	
7	PCB-174	43.54	1.04	0.0541		0.0237	0.00170	
7	PCB-175			ND		0.0237	0.00112	
7	PCB-176			ND		0.0237	0.00093	
7	PCB-177	43.99	0.99	0.0299		0.0237	0.00194	
7	PCB-178			ND		0.0237	0.00124	
7	PCB-179	38.95	1.05	0.0303		0.0237	0.00147	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10709116009
Lab File ID: P241008A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 09/19/2024 14:30
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 06:48
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.96	1.00	0.0931		0.0474	0.00431	
7	PCB-181			ND		0.0237	0.00156	
7	PCB-182			ND		0.0237	0.00129	
7	PCB-183/185			ND		0.0474	0.00286	
7	PCB-184			ND		0.0237	0.00066	
7	PCB-186			ND		0.0237	0.00155	
7	PCB-187	42.67	1.07	0.0673		0.0237	0.00175	
7	PCB-188			ND		0.0237	0.00074	
7	PCB-189			ND		0.0237	0.00118	
7	PCB-190			ND		0.0237	0.00165	
7	PCB-191			ND		0.0237	0.00152	
7	PCB-192			ND		0.0237	0.00153	
8	PCB-194			ND		0.0237	0.00122	
8	PCB-195			ND		0.0237	0.00156	
8	PCB-196			ND		0.0237	0.00117	
8	PCB-197/200			ND		0.0474	0.00198	
8	PCB-198/199			ND		0.0474	0.00205	
8	PCB-201			ND		0.0237	0.00060	
8	PCB-202			ND		0.0237	0.00127	
8	PCB-203			ND		0.0237	0.00106	
8	PCB-204			ND		0.0237	0.00122	
8	PCB-205			ND		0.0237	0.00147	
9	PCB-206			ND		0.0237	0.00210	
9	PCB-207			ND		0.0237	0.00141	
9	PCB-208			ND		0.0237	0.00125	
10	PCB-209			ND		0.0237	0.00741	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10709116009
Lab File ID: P241008A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 09/19/2024 14:30
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 06:48
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.0703	
Total DiCB	12.3	
Total TrCB	4.96	
Total TeCB	4.31	
Total PeCB	2.03	
Total HxCB	1.14	
Total HpCB	0.314	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	25.1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10709116010
Lab File ID: P241008A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 07:50
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115029

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.01	3.12	2.00	0.769	38	
1	PCB-003L	12.81	3.18	2.00	0.906	45	
2	PCB-004L	13.10	1.55	2.00	0.838	42	
2	PCB-015L	20.17	1.58	2.00	1.06	53	
3	PCB-019L	16.89	1.04	2.00	0.784	39	
3	PCB-037L	27.94	1.06	2.00	1.31	66	
4	PCB-054L	20.50	0.79	2.00	0.677	34	
4	PCB-077L	35.65	0.80	2.00	1.59	80	
4	PCB-081L	35.08	0.79	2.00	1.66	83	
5	PCB-104L	26.61	1.58	2.00	0.738	37	
5	PCB-105L	39.29	1.60	2.00	1.53	77	
5	PCB-114L	38.63	1.62	2.00	1.57	79	
5	PCB-118L	38.08	1.59	2.00	1.54	77	
5	PCB-123L	37.73	1.59	2.00	1.57	78	
5	PCB-126L	42.46	1.57	2.00	1.71	86	
6	PCB-155L	32.68	1.27	2.00	0.918	46	
6	PCB-156/157L	45.53	1.27	4.00	3.14	79	
6	PCB-167L	44.36	1.26	2.00	1.61	81	
6	PCB-169L	48.83	1.28	2.00	1.63	82	
7	PCB-188L	38.60	1.06	2.00	1.38	69	
7	PCB-189L	51.39	1.07	2.00	1.61	81	
8	PCB-202L	44.09	0.90	2.00	1.48	74	
8	PCB-205L	53.99	0.90	2.00	1.47	74	
9	PCB-206L	55.74	0.80	2.00	1.45	73	
9	PCB-208L	50.89	0.78	2.00	1.48	74	
10	PCB-209L	57.36	0.69	2.00	1.48	74	
Recovery Standards							
2	PCB-009L	15.55	1.58	2.00	2.10	N/A	
4	PCB-052L	25.58	0.79	2.00	2.41	N/A	
5	PCB-101L	32.90	1.61	2.00	2.43	N/A	
6	PCB-138L	41.27	1.28	2.00	2.53	N/A	
8	PCB-194L	53.50	0.92	2.00	2.45	N/A	
Cleanup Standards							
3	PCB-028L	23.58	1.06	2.00	1.40	70	
5	PCB-111L	35.70	1.56	2.00	1.41	71	
7	PCB-178L	41.72	1.06	2.00	1.58	79	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10709116010
Lab File ID: P241008A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 07:50
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0222	0.00394	
1	PCB-002			ND		0.0222	0.00401	
1	PCB-003			ND		0.0222	0.00747	
2	PCB-004	13.12	1.53	0.349		0.0222	0.00502	
2	PCB-005			ND		0.0222	0.00537	
2	PCB-006			ND		0.0222	0.00328	
2	PCB-007			ND		0.0222	0.00314	
2	PCB-008	16.57	1.54	0.0238		0.0222	0.00531	
2	PCB-009			ND		0.0222	0.00363	
2	PCB-010			ND		0.0222	0.00244	
2	PCB-011			ND		0.218	0.0579	
2	PCB-012/013			ND		0.0444	0.00322	
2	PCB-014			ND		0.0222	0.00322	
2	PCB-015	20.19	1.66	0.0505		0.0293	0.00573	
3	PCB-016			ND		0.0222	0.00323	
3	PCB-017	19.60	1.02	0.0699		0.0222	0.00360	
3	PCB-018/030	19.12	1.03	0.0645		0.0444	0.00589	
3	PCB-019	16.92	1.02	0.283		0.0222	0.00302	
3	PCB-020/028	23.61	1.06	0.120		0.115	0.00668	
3	PCB-021/033			ND		0.120	0.00551	
3	PCB-022			ND		0.0844	0.00363	
3	PCB-023			ND		0.0222	0.00110	
3	PCB-024			ND		0.0222	0.00123	
3	PCB-025	22.95	1.06	0.0436		0.0222	0.00143	
3	PCB-026/029	22.67	1.04	0.0487		0.0444	0.00231	
3	PCB-027	19.84	1.05	0.0536		0.0222	0.00099	
3	PCB-031			ND		0.116	0.00808	
3	PCB-032	20.73	1.06	0.0470		0.0222	0.00270	
3	PCB-034			ND		0.0222	0.00108	
3	PCB-035			ND		0.0222	0.00110	
3	PCB-036			ND		0.0222	0.00104	
3	PCB-037			ND		0.0471	0.00269	
3	PCB-038			ND		0.0222	0.00109	
3	PCB-039			ND		0.0222	0.00140	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10709116010
Lab File ID: P241008A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 07:50
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.79	0.79	0.152		0.0667	0.00457	
4	PCB-042	27.25	0.78	0.0713		0.0222	0.00242	
4	PCB-043/073			ND		0.0444	0.00219	
4	PCB-044/047/065	26.75	0.78	1.25		0.0667	0.00646	
4	PCB-045/051	23.80	0.80	0.353		0.0444	0.00333	
4	PCB-046	24.03	0.76	0.0362		0.0222	0.00150	
4	PCB-048			ND		0.0222	0.00177	
4	PCB-069/049	26.15	0.78	0.702		0.0444	0.00374	
4	PCB-050/053	22.95	0.78	0.447		0.0444	0.00191	
4	PCB-052	25.61	0.79	0.479		0.115	0.0134	
4	PCB-054	20.53	0.80	0.146		0.0222	0.00102	
4	PCB-055			ND		0.0222	0.00156	
4	PCB-056			ND		0.0222	0.00340	
4	PCB-057			ND		0.0222	0.00157	
4	PCB-058			ND		0.0222	0.00154	
4	PCB-059/062/075			ND		0.0667	0.00229	
4	PCB-060			ND		0.0222	0.00187	
4	PCB-061/070/074/076	30.75	0.80	0.121		0.0889	0.00802	
4	PCB-063			ND		0.0222	0.00150	
4	PCB-064	28.02	0.78	0.0323		0.0222	0.00219	
4	PCB-066	31.09	0.80	0.136		0.0524	0.00418	
4	PCB-067			ND		0.0222	0.00137	
4	PCB-068	29.23	0.81	0.0272		0.0222	0.00111	
4	PCB-072			ND		0.0222	0.00146	
4	PCB-077			ND		0.0222	0.00136	
4	PCB-078			ND		0.0222	0.00150	
4	PCB-079			ND		0.0222	0.00134	
4	PCB-080			ND		0.0222	0.00137	
4	PCB-081			ND		0.0222	0.00125	
5	PCB-082			ND		0.0222	0.00134	
5	PCB-083	33.41	1.40	0.0307		0.0222	0.00116	
5	PCB-084	30.95	1.54	0.0834		0.0222	0.00232	
5	PCB-085/116/117	34.77	1.48	0.0820		0.0667	0.00308	
5	PCB-086/087/097/108/119/12	34.08	1.58	0.280		0.133	0.00588	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10709116010
Lab File ID: P241008A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 07:50
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.73	1.54	0.259		0.0444	0.00179	
5	PCB-089			ND		0.0222	0.00127	
5	PCB-090/101/113	32.92	1.56	0.891		0.0667	0.00454	
5	PCB-092	32.30	1.58	0.280		0.0222	0.00096	
5	PCB-093/098/100/102	30.08	1.55	0.178		0.0889	0.00410	
5	PCB-094	29.34	1.70	0.0498		0.0222	0.00082	
5	PCB-095	29.81	1.55	0.600		0.0622	0.00623	
5	PCB-096	27.01	1.53	0.0236		0.0222	0.00084	
5	PCB-099	33.53	1.55	0.382		0.0222	0.00187	
5	PCB-103	29.13	1.64	0.0698		0.0222	0.00068	
5	PCB-104			ND		0.0222	0.00128	
5	PCB-105	39.30	1.53	0.0527		0.0222	0.00286	
5	PCB-106			ND		0.0222	0.00112	
5	PCB-107/124			ND		0.0444	0.00200	
5	PCB-109	37.63	1.54	0.0358		0.0222	0.00141	
5	PCB-110/115	34.97	1.55	0.598		0.0444	0.00507	
5	PCB-111			ND		0.0222	0.00087	
5	PCB-112			ND		0.0222	0.00138	
5	PCB-114			ND		0.0222	0.00113	
5	PCB-118	38.10	1.63	0.242		0.0347	0.00516	
5	PCB-120			ND		0.0222	0.00085	
5	PCB-121			ND		0.0222	0.00118	
5	PCB-122			ND		0.0222	0.00122	
5	PCB-123			ND		0.0222	0.00132	
5	PCB-126			ND		0.0222	0.00071	
5	PCB-127			ND		0.0222	0.00112	
6	PCB-128/166	42.59	1.26	0.0868		0.0444	0.0105	
6	PCB-129/138/163	41.30	1.22	1.59		0.0667	0.0111	
6	PCB-130	40.63	1.27	0.0876		0.0222	0.0135	
6	PCB-131			ND		0.0222	0.0143	
6	PCB-132	38.20	1.26	0.399		0.0222	0.0132	
6	PCB-133	38.72	1.21	0.0485		0.0222	0.0128	
6	PCB-134/143	37.11	1.26	0.0636		0.0444	0.00273	
6	PCB-135/151	35.93	1.24	0.835		0.0444	0.00299	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10709116010
Lab File ID: P241008A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 07:50
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.43	1.24	0.227		0.0222	0.00152	
6	PCB-137			ND		0.0222	0.0116	
6	PCB-139/140			ND		0.0444	0.0117	
6	PCB-141	40.21	1.24	0.307		0.0222	0.0119	
6	PCB-142			ND		0.0222	0.0136	
6	PCB-144	36.52	1.22	0.0719		0.0222	0.00089	
6	PCB-145			ND		0.0222	0.00102	
6	PCB-146	39.39	1.23	0.333		0.0222	0.0106	
6	PCB-147/149	36.89	1.26	1.65		0.0444	0.00381	
6	PCB-148			ND		0.0222	0.00104	
6	PCB-150			ND		0.0222	0.00105	
6	PCB-152			ND		0.0222	0.00084	
6	PCB-153/168	40.02	1.25	1.69		0.0444	0.00941	
6	PCB-154	36.21	1.21	0.0543		0.0222	0.00131	
6	PCB-155			ND		0.0222	0.00116	
6	PCB-156/157	45.53	1.30	0.0658		0.0444	0.00164	
6	PCB-158	41.70	1.25	0.102		0.0222	0.00802	
6	PCB-159			ND		0.0222	0.00110	
6	PCB-160			ND		0.0222	0.00942	
6	PCB-161			ND		0.0222	0.00922	
6	PCB-162			ND		0.0222	0.00111	
6	PCB-164	40.96	1.27	0.118		0.0222	0.00907	
6	PCB-165			ND		0.0222	0.00958	
6	PCB-167	44.37	1.29	0.0432		0.0222	0.00160	
6	PCB-169			ND		0.0222	0.00099	
7	PCB-170	48.23	1.05	0.495		0.0222	0.00142	
7	PCB-171/173	44.64	1.06	0.160		0.0444	0.00183	
7	PCB-172	46.28	1.02	0.110		0.0222	0.00443	
7	PCB-174	43.53	1.06	0.609		0.0222	0.00160	
7	PCB-175	42.41	0.98	0.0246		0.0222	0.00106	
7	PCB-176	39.87	1.07	0.0742		0.0222	0.00088	
7	PCB-177	43.99	1.05	0.387		0.0222	0.00182	
7	PCB-178	41.75	1.03	0.175		0.0222	0.00117	
7	PCB-179	38.97	1.04	0.288		0.0222	0.00138	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10709116010
Lab File ID: P241008A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 07:50
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.96	1.04	1.19		0.0444	0.00404	
7	PCB-181			ND		0.0222	0.00147	
7	PCB-182			ND		0.0222	0.00121	
7	PCB-183/185	43.32	1.01	0.409		0.0444	0.00269	
7	PCB-184			ND		0.0222	0.00062	
7	PCB-186			ND		0.0222	0.00146	
7	PCB-187	42.67	1.03	0.803		0.0222	0.00164	
7	PCB-188			ND		0.0222	0.00070	
7	PCB-189			ND		0.0222	0.00111	
7	PCB-190	48.78	1.01	0.115		0.0222	0.00154	
7	PCB-191			ND		0.0222	0.00142	
7	PCB-192			ND		0.0222	0.00143	
8	PCB-194	53.52	0.92	0.254		0.0222	0.00114	
8	PCB-195	51.17	0.91	0.123		0.0222	0.00147	
8	PCB-196	49.60	0.92	0.138		0.0222	0.00110	
8	PCB-197/200	46.08	0.87	0.0495		0.0444	0.00186	
8	PCB-198/199	48.93	0.89	0.265		0.0444	0.00192	
8	PCB-201	45.06	0.89	0.0359		0.0222	0.00056	
8	PCB-202	44.12	0.89	0.0574		0.0222	0.00119	
8	PCB-203	49.81	0.91	0.177		0.0222	0.00099	
8	PCB-204			ND		0.0222	0.00114	
8	PCB-205			ND		0.0222	0.00138	
9	PCB-206	55.76	0.75	0.0614		0.0222	0.00197	
9	PCB-207			ND		0.0222	0.00132	
9	PCB-208			ND		0.0222	0.00118	
10	PCB-209			ND		0.0222	0.00696	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10709116010
Lab File ID: P241008A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 09/18/2024
Date Received: 09/24/2024 09:00
Date Extracted: 10/02/2024 14:00
Date Analyzed: 10/08/2024 07:50
Method Blank ID: BLANK-115027
Lab Spike ID(s): LCS-115028/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241008A02
CCal File(s): P241008A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.423	
Total TrCB	0.729	
Total TeCB	3.95	
Total PeCB	4.14	
Total HxCB	7.77	
Total HpCB	4.84	
Total OcCB	1.10	
Total NoCB	0.0614	
DeCB	ND	
Total PCBs	23.0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

General Electric Company

Data Validation Report

Baseline Surface Water Monitoring
Housatonic River – Rest of River
Pittsfield, Massachusetts

Polychlorinated Biphenyl (PCB) Congeners and Total Suspended Solids (TSS) Analyses

SDGs # 10711384, 10711510, and 10711985

Tier I and II Level Data Review

Analyses Performed By:
Pace Analytical Services, Inc.
Minneapolis, Minnesota
And
Pace Analytical Services, Melville, New York

Report # 59101R
Project: 30299972.3000

Table of Contents

1 Summary 1
1.1 Analytical Data Package Documentation 2
1.2 Data Validation Procedures 3
2 Polychlorinated Biphenyl Congener Analyses 6
2.1 Holding Times 6
2.2 Blank Contamination 6
2.3 System Performance 7
2.4 Calibration 7
2.4.1 Initial Calibration 7
2.4.2 Continuing Calibration 7
2.5 Surrogates/System Monitoring Compounds 7
2.6 Internal Standard Performance 7
2.7 Matrix Spike/Matrix Spike Duplicate Analysis 8
2.8 Laboratory Duplicate Analysis 8
2.9 Ongoing Precision Result (OPR) / Laboratory Control Sample / Laboratory Control Sample Duplicate Analysis 8
2.10 Field Duplicate Analysis 8
2.11 Compound Identification 11
2.12 System Performance and Overall Assessment 11
2.13 Data Validation Checklist for PCB Congeners 11
3 General Chemistry Analyses 13
3.1 Holding Times 13
3.2 Blank Contamination 13
3.3 Matrix Spike/Matrix Spike Duplicate / Laboratory Duplicate Analysis 13
3.3.1 Matrix Spike/Matrix Spike Duplicate Analysis 13
3.3.2 Laboratory Duplicate Analysis 13
3.4 Field Duplicate Analysis 14
3.5 Laboratory Control Sample (LCS) Analysis 14
3.6 System Performance and Overall Assessment 14
3.7 Data Validation Checklist for General Chemistry 15
4 Overall Data Usability 16

Tables

Table 1. Summary of Samples Subjected to Tier I and Tier II Data Validation 1
Table 2. Evaluation of Data Package Completeness 2
Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation 4
Table 4. Holding Time for USEPA Method 1668C 6
Table 5. Summary of Blank Contamination Qualifications 6
Table 6. Summary of Field Duplicate Analysis 8
Table 7. Data Validation Checklist for Polychlorinated Biphenyls 11
Table 8. Specified Holding Times 13
Table 9. Summary of Field Duplicate Analysis 14
Table 10. Data Validation Checklist for General Chemistry 15
Table 11. Overall Summary of Data Usability 16

Appendices

Appendix A **Chain of Custody**
Appendix B **Annotated Sample Analysis Data Sheets**

1 Summary

This attachment summarizes the data validation review of Sample Delivery Groups (SDGs) 10711384, 10711510, and 10711985 performed on behalf of the General Electric Company (GE) for surface water sampling activities conducted as part of the Baseline Monitoring at the GE-Pittsfield/Housatonic River Site. The review was conducted at Tier I and Tier II levels and included review of data package completeness. Field documentation was not included in this review. Included with this assessment are the chain-of-custody forms (Appendix A) and the validation annotated sample analysis data sheets (Appendix B). Analyses were performed on the samples listed in Table 1.

Table 1. Summary of Samples Subjected to Tier I and Tier II Data Validation

SDG	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
10711384	DERBY DAM_20241007	10711384001	Water	10/7/2024			X
	STEVENSON DAM_20241007	10711384002	Water	10/7/2024			X
	SHEPAUG DAM_20241007	10711384003	Water	10/7/2024			X
	RT. 202 BRIDGE_20241007	10711384004	Water	10/7/2024			X
	RT. 341 BRIDGE_20241008	10711384005	Water	10/8/2024			X
	CANAAN TOWN LINE BRIDGE_20241008	10711384006	Water	10/8/2024			X
	FALLS VILLAGE DAM_20241008	10711384007	Water	10/8/2024			X
	RANNAPO RD BRIDGE_20241008	10711384008	Water	10/8/2024			X
	RISING POND DAM_20241009	10711384009	Water	10/9/2024			X
	RISING POND DAM-AUTO_20241009	10711384010	Water	10/9/2024			X
	HR-D1_20241009	10711384011	Water	10/9/2024	RISING POND DAM_20241009		X
	OLD PLEASANT STREET BRIDGE_20241009	10711384012	Water	10/9/2024			X
	WOODS POND DAM_20241009	10711384013	Water	10/9/2024			X
	WOODS POND DAM-AUTO_20241009	10711384014	Water	10/9/2024			X
	NEW LENOX RD BRIDGE_20241009	10711384015	Water	10/9/2024			X
	NEAR PITTSFIELD WWTP_20241010	10711384016	Water	10/10/2024			X
	POMEROY AVENUE BRIDGE_20241010	10711384017	Water	10/10/2024			X
10711510	DERBY DAM_20241007	10711510001	Water	10/7/2024		X	
	STEVENSON DAM_20241007	10711510002	Water	10/7/2024		X	
	SHEPAUG DAM_20241007	10711510003	Water	10/7/2024		X	

SDG	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
	RT. 202 BRIDGE_20241007	10711510004	Water	10/7/2024		X	
	RT. 341 BRIDGE_20241008	10711510005	Water	10/8/2024		X	
	CANAAN TOWN LINE BRIDGE_20241008	10711510006	Water	10/8/2024		X	
	FALLS VILLAGE DAM_20241008	10711510007	Water	10/8/2024		X	
	RANNAPO RD BRIDGE_20241008	10711510008	Water	10/8/2024		X	
10711985	RISING POND DAM_20241009	10711985001	Water	10/9/2024		X	
	RISING POND DAM-AUTO_20241009	10711985002	Water	10/9/2024		X	
	HR-D1_20241009	10711985003	Water	10/9/2024	RISING POND DAM_20241009	X	
	OLD PLEASANT STREET BRIDGE_20241009	10711985004	Water	10/9/2024		X	
	WOODS POND DAM_20241009	10711985005	Water	10/9/2024		X	
	WOODS POND DAM-AUTO_20241009	10711985006	Water	10/9/2024		X	
	NEW LENOX RD BRIDGE_20241009	10711985008	Water	10/9/2024		X	
	NEAR PITTSFIELD WWTP_20241010	10711985009	Water	10/10/2024		X	
	POMEROY AVENUE BRIDGE_20241010	10711985010	Water	10/10/2024		X	
	HR-EB1_20241008	10711985011	Water	10/8/2024		X	

Notes:
PCB = Polychlorinated Biphenyl Congeners
TSS = Total suspended solids

1.1 Analytical Data Package Documentation

The table below is the evaluation of the data package completeness.

Table 2. Evaluation of Data Package Completeness

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

Note:
QA = Quality Assurance

1. SDG# 10711985 – As per the COC, the sample WOODS POND DAM (LAB DUP)_20241009 (10711985007) was submitted to the laboratory for duplicate analysis. Hence, this sample was not considered as a regular field sample in this data validation report.

1.2 Data Validation Procedures

Analyses were performed according to United States Environmental Protection Agency (EPA) USEPA Method 1668C and Standard Method 2540D. Data were reviewed in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan – GE-Pittsfield/Housatonic River Site (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, prepared by Arcadis (Revised December 21, 2023);
- EPA Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (July 1996, revised December 1996) (EPA Region I Guidelines);
- EPA National Functional Guidelines for High Resolution Superfund Methods Data Review OLEM 9240.1-65EPA, 542-R-20-007 (November 2020); and
- Second Revised Baseline Monitoring Plan, Housatonic River – Rest of River, General Electric Company, Pittsfield, Massachusetts, prepared by Anchor QEA (January 2023).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
  - JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
  - UB Compound considered non-detect at the listed value due to associated blank contamination.
  - N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
  - R The sample results are rejected.

Two facts should be noted by all data users. First, the “R” flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. “R” values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Section 7.5 of the revised FSP/QAPP states that all analytical data will be validated to a Tier I level following the procedures presented in the EPA Region I Guidelines. The Tier I review consisted of a completeness evidence audit, as outlined in the EPA Region I CSF Completeness Evidence Audit Program (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the EPA Region I Tier I data completeness requirements.

The analytical results described above were also subjected to a Tier II data review. The Tier II data review consisted of a review of data package summary forms for identification of quality assurance (QA)/QC deviations and qualification of the data according to the EPA Region I Guidelines. Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the number of sample analyses subject to Tier I and Tier II data review is presented in the following table.

Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	0	0	0	16	1	1	18
TSS	0	0	0	16	1	0	17

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in EPA Region I Guidelines. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. The annotated sample analysis data sheets attached to this validation report (Appendix B) reflect any added data qualifiers.

2 Polychlorinated Biphenyl Congener Analyses

2.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 4. Holding Time for USEPA Method 1668C

Method	Matrix	Holding Time	Preservation
USEPA Method 1668C	Water	One year from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria.

2.2 Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

All compounds associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the compounds listed in the following table. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Table 5. Summary of Blank Contamination Qualifications

Sample Locations	Compounds	Blank	Sample Result	Qualification
SDG 10711985 NEAR PITTSFIELD WWTP_20241010 OLD PLEASANT STREET BRIDGE_20241009 RISING POND DAM_20241009 WOODS POND DAM-AUTO_20241009	PCB-8	Equipment blank (HR-EB1_20241008)	Detected sample results >RL and <BAL	"U" at detected sample concentration
SDG 10711985 POMEROY AVENUE BRIDGE_20241010	PCB-174 PCB-187			
SDG 10711510 FALLS VILLAGE DAM_20241008	PCB-147/149 PCB-174 PCB-180/193 PCB-187			

Sample Locations	Compounds	Blank	Sample Result	Qualification
SDG 10711510 RT. 202 BRIDGE_20241007	PCB-147/149 PCB-153/168 PCB-187			

Note:
RL = Reporting limit

The Total PCBs as Congeners result is calculated post validation within the database; therefore, the total PCB results have not been adjusted on the attached laboratory forms.

2.3 System Performance

System performance and column resolution were acceptable.

2.4 Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

2.4.1 Initial Calibration

A maximum RSD of 20% is allowed or a correlation coefficient greater than 0.99.

2.4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%).

All compounds associated with the calibrations were within the specified control limits.

2.5 Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with labeled compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. Analysis requires isotope dilution compounds exhibit recoveries within the laboratory-established acceptance limits.

All PCB congeners associated with the labeled compound analysis exhibited recoveries within the control limits.

2.6 Internal Standard Performance

Internal standard performance criteria ensure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria require the internal standard compounds exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

2.7 Matrix Spike/Matrix Spike Duplicate Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The RPD between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on samples where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD analysis was not performed on samples associated with the SDGs# 10711510 and 10711985.

2.8 Laboratory Duplicate Analysis

The laboratory duplicate relative percent difference (RPD) criterion is applied when parent and duplicate sample concentrations are greater than or equal to 5 times the EML. A control limit of 30% for water matrices is applied when the criteria above is true. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the EML, a control limit of one time the EML is applied for water matrices.

The laboratory duplicate analysis performed on sample Woods Pond Dam exhibited acceptable RPD values.

2.9 Ongoing Precision Result (OPR) / Laboratory Control Sample / Laboratory Control Sample Duplicate Analysis

The ongoing precision result (OPR) / laboratory control sample / laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the accuracy of the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the OPR/LCS/LCSD analysis must exhibit a percent recovery and RPD within the laboratory-established acceptance limits.

All compounds associated with the OPR/LCS/LCSD analysis exhibited recoveries and RPDs within the control limits.

2.10 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In an instance when the parent and/or duplicate sample concentrations are less than or equal to five times the EML, a control limit of two times the EML is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 6. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
SDG 10711985 RISING POND DAM_20241009/ HR-D1_20241009	PCB-103	0.0629	0.0568	AC
	PCB-105	0.0494	0.0456 U	AC
	PCB-109	0.0313	0.0456 U	AC
	PCB-110/115	0.505	0.47	7.1 %
	PCB-118	0.212	0.188	11.9 %

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
	PCB-128/166	0.079	0.0912 U	AC
	PCB-129/138/163	1.47	1.17	22.7 %
	PCB-130	0.0797	0.0654	AC
	PCB-132	0.365	0.312	15.6 %
	PCB-133	0.0452	0.0456 U	AC
	PCB-134/143	0.0655	0.0912 U	AC
	PCB-135/151	0.719	0.682	5.2 %
	PCB-136	0.194	0.178	8.6 %
	PCB-137	0.0239	0.0456 U	AC
	PCB-141	0.274	0.237	14.4 %
	PCB-144	0.0641	0.0589	AC
	PCB-146	0.316	0.254	21.7 %
	PCB-147/149	1.51	1.34	11.9 %
	PCB-15	0.0476	0.0602 U	AC
	PCB-153/168	1.58	1.29	20.2 %
	PCB-154	0.0465	0.0456 U	AC
	PCB-156/157	0.0661	0.0912 U	AC
	PCB-158	0.0944	0.0751	22.7 %
	PCB-16	0.0216	0.0456 U	AC
	PCB-164	0.102	0.0823	AC
	PCB-167	0.0403	0.0456 U	AC
	PCB-17	0.0678	0.058	AC
	PCB-170	**0.473**	**0.338**	**33.2 %**
	PCB-171/173	0.151	0.111	AC
	PCB-172	0.106	0.0756	AC
	PCB-174	0.585	0.435	29.4 %
	PCB-175	0.0215	0.0456 U	AC
	PCB-176	0.0678	0.0572	AC
	PCB-177	0.358	0.281	24.1 %
	PCB-178	0.158	0.128	20.9 %
	PCB-179	0.263	0.228	14.2 %
	PCB-18/30	0.0699	0.0912 U	AC
	PCB-180/193	**1.15**	**0.798**	**36.1 %**
	PCB-183/185	0.35	0.286	20.1 %
	PCB-187	0.718	0.579	21.4 %
	PCB-19	0.235	0.247	4.9 %
	PCB-190	0.113	0.0756	AC
	PCB-194	**0.278**	**0.171**	**47.6 %**
	PCB-195	0.13	0.0878	AC
	PCB-196	0.144	0.0966	AC
	PCB-197/200	0.0504	0.0912 U	AC
	PCB-198/199	0.251	0.2	22.6 %
	PCB-20/28	0.118	0.235 U	AC

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
	PCB-201	0.0344	0.0456 U	AC
	PCB-202	0.0556	0.0456 U	AC
	PCB-203	0.185	0.124	AC
	PCB-206	0.0664	0.0462	AC
	PCB-25	0.042	0.0456 U	AC
	PCB-26/29	0.0484	0.0912 U	AC
	PCB-27	0.0456	0.0456 U	AC
	PCB-32	0.0486	0.0456 U	AC
	PCB-4	0.351	0.346	1.4 %
	PCB-40/41/71	0.144	0.137 U	AC
	PCB-42	0.0654	0.0545	AC
	PCB-44/47/65	1.12	0.912	20.4 %
	PCB-45/51	0.356	0.3	17.0 %
	PCB-46	0.0333	0.0456 U	AC
	PCB-49/69	0.613	0.516	17.1 %
	PCB-5	0.0382	0.0456 U	AC
	PCB-50/53	0.38	0.332	13.4 %
	PCB-52	0.459	0.362	23.6 %
	PCB-54	0.113	0.117	3.4 %
	PCB-56	0.0291	0.0456 U	AC
	PCB-61/70/74/76	0.124	0.182 U	AC
	PCB-64	0.0352	0.0456 U	AC
	PCB-66	0.119	0.108 U	AC
	PCB-68	0.0235	0.0456 U	AC
	PCB-8	0.0344	0.0456 U	AC
	PCB-83	0.0259	0.0456 U	AC
	PCB-84	0.0716	0.0594	AC
	PCB-85/116/117	0.0737	0.137 U	AC
	PCB-86/87/97/108/119/125	0.251	0.274 U	AC
	PCB-88/91	0.223	0.197	12.3 %
	PCB-90/101/113	0.751	0.671	11.2 %
	PCB-92	0.23	0.208	10.0 %
	PCB-93/98/100/102	0.156	0.182 U	AC
	PCB-94	0.0452	0.0456 U	AC
	PCB-95	0.502	0.442	12.7 %
	PCB-99	0.346	0.3	14.2 %

Notes:
AC = Acceptable
NC = Not compliant

The compounds PCB-194, PCB-195, and PCB-49/69 associated with sample locations RISING POND DAM_20240313 and HR-D1_20240313 exhibited a field duplicate RPD greater than the control limit. The associated sample results from sample locations for the listed analyte were qualified as estimated.

2.11 Compound Identification

PCB congeners by 1668C are identified by using the compound's ion abundance ratios, signal-to-noise values, and relative retention times.

An EMPC or "estimated maximum possible concentration" designation is given to compounds which have signals eluting within the established retention time window which would, if positively identified, be above the detection limit. The signals do not, however, meet the ion abundance ratio criteria and cannot be identified as the compound of interest. The EMPC value is the estimated concentration of the interferant quantitated "as the compound of interest." This value should be considered an elevated detection limit based on potential compound identification and quantitation interference. If the EMPC value is above the reporting limit, the qualifier UX has been added to the sample results to indicate the elevated detection limit as EMPC. If the EMPC value is below the reporting limit, the compound is reported as non-detect at the reporting limit and no qualification is added.

2.12 System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

2.13 Data Validation Checklist for PCB Congeners

Table 7. Data Validation Checklist for Polychlorinated Biphenyls

PCB Congeners; EPA1668C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
HIGH RESOLUTION GAS CHROMATOGRAPHY/HIGH RESOLUTION MASS SPECTROMETRY (HRGC/HRMS)					
Tier I Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blank		X	X		
LCS %R		X		X	
LCS Duplicate (LCSD) %R		X		X	
LCS/LCSD Precision (RPD)		X		X	
Matrix Spike (MS) %R	X				X
Matrix Spike Duplicate (MSD) %R	X				X
MS/MSD Precision (RPD)	X				X
Field/Lab Duplicate (RPD)		X	X		
Labeled Standard Recovery %R		X		X	
Cleanup Compound %R		X		X	
Dual Column (RPD)		X		X	
Dilution Factor		X		X	
Moisture Content	X				X

PCB Congeners; EPA1668C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Tier II Validation					
Initial calibration %RSDs		X		X	
Continuing calibration %Ds		X		X	
Internal standard		X		X	
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
System performance and column resolution		X		X	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present		X		X	
E. Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%RSD = Relative standard deviation
RPD = Relative percent difference
%D = Percent Deviation
%R = Percent recovery

3 General Chemistry Analyses

3.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 8. Specified Holding Times

Method	Matrix	Holding Time	Preservation
Total Suspended Solids (TSS) by SM 2540D	Water	7 days from collection to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria.

3.2 Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank is calculated for QA blanks containing concentrations greater than the reporting limit (RL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Analytes were not detected above the RL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

3.3 Matrix Spike/Matrix Spike Duplicate / Laboratory Duplicate Analysis

MS/MSD and laboratory duplicate data are used to assess the precision and accuracy of the analytical method.

3.3.1 Matrix Spike/Matrix Spike Duplicate Analysis

All analytes must exhibit a percent recovery within the established acceptance limits of 75% to 125%. The MS/MSD recovery control limits do not apply for MSMSD performed on sample locations where the analyte's concentration detected in the parent sample exceeds the MSMSD concentration by a factor of four or greater. In instance where this is true, the data will not be qualified even if the percent recovery does not meet the control limits and the laboratory flag will be removed.

The MS/MSD analysis was not performed on samples associated with the SDG# 10711384.

3.3.2 Laboratory Duplicate Analysis

The laboratory duplicate relative percent difference (RPD) criterion is applied when parent and duplicate sample concentrations are greater than or equal to five times the RL. A control limit of 20% for water matrices and 35% for soil matrices is applied when the criteria above is true. In the instance when the parent and/or duplicate

sample concentrations are less than or equal to five times the RL, a control limit of one time the RL is applied for water matrices and two times the RL for soil matrices.

A laboratory duplicate analysis was not performed on a sample within this dataset.

3.4 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 9. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Analyte	Sample Result	Duplicate Result	RPD
SDG 10711384 RISING POND DAM_20241009/ HR-D1_20241009	TSS	U	U	AC

Note:
AC = Acceptable

The results between the parent sample and field duplicate were acceptable.

3.5 Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The analytes associated with the LCS analysis must exhibit a percent recovery between the control limits of 80% and 120%.

All LCS recoveries were within control limits.

3.6 System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

3.7 Data Validation Checklist for General Chemistry

Table 10. Data Validation Checklist for General Chemistry

General Chemistry: SM2540D	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Miscellaneous Instrumentation					
Tier I/II Validation					
Holding Times/Preservation		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method Blanks		X		X	
B. Equipment/Field Blanks	X				X
Laboratory Control Sample (LCS) %R		X		X	
Matrix Spike (MS) %R	X				X
Matrix Spike Duplicate (MSD) %R	X				X
MS/MSD Precision (RPD)	X				X
Field/Lab Duplicate (RPD)		X		X	
Transcription/calculations acceptable		X		X	
Raw Data		X		X	
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%R = Percent recovery
RPD = Relative percent difference

4 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under both the Tier I/II data validation reviews. The percent usability calculation also includes quality control samples (i.e., field/equipment blanks, trip blanks, and field duplicates) to aid in the evaluation of data usability. Data usability is summarized in the following table.

Table 11. Overall Summary of Data Usability

Parameter	Percent Usability	Rejected Data
PCBs	100%	0
TSS	100%	0

The data package completeness, as determined from the Tier I data review, was used in combination with the data quality deviations identified during the Tier II data review to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I and Tier II data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses (discussed in this report) to provide a measure of compliance of the analytical data with the Data Quality Objectives specified in the FSP/QAPP.

VALIDATION PERFORMED BY: Andrew Korycinski

SIGNATURE:

DATE: May 9, 2025

PEER REVIEW: Dennis Capria

DATE: August 26, 2025

Appendix A

Chain of Custody

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name:	Arcadis
Street Address:	110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202
Customer Project #:	30224932.3000
Project Name:	Housatonic River BMP
Site Collection Info/Facility ID (as applicable):	Housatonic River
Time Zone Collected:	[ ] AK [ ] PT [ ] MT [ ] CT [ ] ~~ET~~
Contact/Report To:	Dave Knutsen
Phone #:	315-671-9374
E-Mail:	David.Knutsen@Arcadis.com
Cc E-Mail:	
Invoice to:	Arcadis U.S., Inc.
Invoice E-mail:	accountspayable.administration@Arcadis.com
Purchase Order # (if applicable):	
Quote #:	
County / State origin of sample(s):	Pittsfield, MA

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Specify Container Size **: 1

Identify Container Preservative Type***: 1

Analysis Requested: TSS Low Level SM 2540D *

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 45643

Preservation non-conformance identified for sample

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	Sample Comment
Derby Dam	WT		10/7/24	13:15			1			X
Stevenson Dam	WT		10/7/24	14:30			1			X
Shepaug Dam	WT		10/7/24	15:30			1			X
Rt. 202 Bridge	WT		10/7/24	17:15			1			X
Rt. 341 Bridge	WT		10/8/24	14:45			1			X
Canaan Town Line Bridge	WT		10/8/24	17:10			1			X
Falls Village Dam	WT		10/8/24	12:50			1			X
Rannapo Rd Bridge	WT		10/8/24	18:30			1			X
Rising Pond Dam	WT		10/9/24	11:50			1			X
Rising Pond Dam-Auto	WT		10/9/24	11:50			1			X

Additional Instructions from Pace: Short Hold Time Refer to Contract

Collected By / Printed Name: Penelope Rabasca

Signature: Penelope T. Rabasca

Customer Remarks / Special Conditions / Possible Hazards: * Please use entire sample for analysis.

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp (°C): Corrected Temp (°C): [ ] On Ice

Relinquished by/Company: (Signature) Penelope T. Rabasca / Arcadis	Date/Time: 10/10/24 17:30	Received by/Company: (Signature)	Date/Time:	Tracking Number:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEx [ ] UPS [ ] Other	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 2	

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Arcadis
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202
Customer Project #: 30224932.3000
Project Name: Housatonic River BMP
Site Collection Info/Facility ID (as applicable): Housatonic River

Contact/Report To: Dave Knutsen
Phone #: 315-671-9374
E-Mail: David.Knutsen@Arcadis.com
Cc E-Mail:
Invoice to: Arcadis U.S., Inc.
Invoice E-mail: accounts.payable.administration@Arcadis.com
Purchase Order # (if applicable):
Quote #:
County / State origin of sample(s): Pittsfield, MA

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [✓] ET

Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
Date Results Requested:

DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 1
Identify Container Preservative Type***: 1
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 456043

Preservation non-conformance identified for sample

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TSS Low Level K SM2540D	Sample Comment
HR-D1	WT		10/9/24	—			1			X	
Old Pleasant Street Bridge	WT		10/9/24	14:15			1			X	
Woods Pond Dam	WT		10/9/24	15:15			1			X	
Woods Pond Dam-Auto	WT		10/9/24	15:15			1			X	
New Lenox Rd Bridge	WT		10/9/24	16:20			1			X	
Near Pittsfield WWTP	WT		10/10/24	14:15			1			X	
Pomeroy Avenue Bridge	WT		10/10/24	15:30			1			X	

Additional Instructions from Pace: Short Hold Time Refer to Contract

Collected By: Printed Name: Penelope Rabasco
Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: * Please use entire sample for analysis.

Coolers | Thermometer ID | Correction Factor (°C): | Obs. Temp (°C): | Corrected Temp (°C) | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Penelope T. Rabasco	10/10/24 17:30			
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Appendix B

Annotated Sample Analysis Data Sheets

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10711384

Sample: Derby Dam **Lab ID: 10711384001** Collected: 10/07/24 13:15 Received: 10/11/24 09:22 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		10/14/24 16:10		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10711384

Sample: Stevenson Dam **Lab ID: 10711384002** Collected: 10/07/24 14:30 Received: 10/11/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		10/14/24 16:10		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10711384

Sample: Shepaug Dam **Lab ID: 10711384003** Collected: 10/07/24 15:30 Received: 10/11/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		10/14/24 16:10		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10711384

Sample: Rt. 202 Bridge **Lab ID: 10711384004** Collected: 10/07/24 17:15 Received: 10/11/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		10/14/24 16:10		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10711384

Sample: Rt. 341 Bridge **Lab ID: 10711384005** Collected: 10/08/24 14:45 Received: 10/11/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		10/15/24 15:31		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10711384

Sample: Canaan Town Line Bridge **Lab ID: 10711384006** Collected: 10/08/24 17:10 Received: 10/11/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		10/15/24 15:31		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10711384

Sample: Falls Village Dam **Lab ID: 10711384007** Collected: 10/08/24 12:50 Received: 10/11/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		10/15/24 15:31		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10711384

Sample: Rannapo Rd Bridge **Lab ID: 10711384008** Collected: 10/08/24 18:30 Received: 10/11/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.6**	mg/L	2.5	1		10/15/24 15:31		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10711384

Sample: Rising Pond Dam **Lab ID: 10711384009** Collected: 10/09/24 11:50 Received: 10/11/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		10/16/24 09:52		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10711384

Sample: Rising Pond Dam-Auto **Lab ID: 10711384010** Collected: 10/09/24 11:50 Received: 10/11/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**19.1**	mg/L	2.5	1		10/16/24 09:52		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10711384

Sample: HR-D1 **Lab ID: 10711384011** Collected: 10/09/24 00:00 Received: 10/11/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		10/16/24 09:52		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10711384

Sample: Old Pleasant Street Bridge **Lab ID: 10711384012** Collected: 10/09/24 14:15 Received: 10/11/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		10/16/24 09:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10711384

Sample: Woods Pond Dam **Lab ID: 10711384013** Collected: 10/09/24 15:15 Received: 10/11/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**3.3**	mg/L	2.5	1		10/16/24 09:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10711384

Sample: Woods Pond Dam-Auto **Lab ID: 10711384014** Collected: 10/09/24 15:15 Received: 10/11/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**20.3**	mg/L	2.5	1		10/16/24 09:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10711384

Sample: New Lenox Rd Bridge **Lab ID: 10711384015** Collected: 10/09/24 16:20 Received: 10/11/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		10/16/24 09:53		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10711384

Sample: Near Pittsfield WWTP **Lab ID: 10711384016** Collected: 10/10/24 14:15 Received: 10/11/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		10/16/24 15:23		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10711384

Sample: Pomeroy Avenue Bridge **Lab ID: 10711384017** Collected: 10/10/24 15:30 Received: 10/11/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		10/16/24 15:23		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Report No.: 10711510_1669C_L4_ult

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 10711510

10711510

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30224932.3000	Invoice to: Arcadis U.S., Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accountspayable.administration@arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [✓] ET	County / State origin of sample(s): Pittsfield, MA
Data Deliverables: [ ] Level II [ ] Level III [~~✓~~] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____ **Date Results Requested:**
	DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	PCB 1668	Sample Comment
Derby Dam	WT		10/7/24	13:15			4			X	001
Stevenson Dam	WT		10/7/24	14:30			4			X	002
Shepaug Dam	WT		10/7/24	15:30			4			X	003
Rt. 202 Bridge	WT		10/7/24	17:15			4			X	004
Rt. 341 Bridge	WT		10/8/24	14:45			4			X	009
Canaan Town line Bridge	WT		10/8/24	17:10			4			X	006
Falls Village Dam	WT		10/8/24	12:50			4			X	007
Rannapo Rd Bridge	WT		10/8/24	18:30			4			X	008

Specify Container Size **: 1

Identify Container Preservative Type***: 1

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 445643

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By: Printed Name: Penelope T. Rabasco

Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: Refer to Contract 2.6, 5.6, 4.7, 2.4

Coolers: 4 | Thermometer ID: T1 | Correction Factor (°C): -0.1 | Obs. Temp. (°C): | Corrected Temp. (°C): | [ ] On Ice: Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Rabasco / Arcadis	10/10/24 17:30	Cory Poirier 10/11/24	9:30
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10711510001
Lab File ID: P241101B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 13:15
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 01:20
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115362

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.81	3.17	2.00	0.563	28	
1	PCB-003L	12.62	3.14	2.00	0.654	33	
2	PCB-004L	12.92	1.59	2.00	0.664	33	
2	PCB-015L	20.03	1.57	2.00	0.840	42	
3	PCB-019L	16.74	1.01	2.00	0.648	32	
3	PCB-037L	27.82	1.06	2.00	0.959	48	
4	PCB-054L	20.35	0.80	2.00	0.536	27	
4	PCB-077L	35.55	0.80	2.00	1.19	60	
4	PCB-081L	34.96	0.78	2.00	1.18	59	
5	PCB-104L	26.48	1.54	2.00	0.570	29	
5	PCB-105L	39.15	1.62	2.00	1.10	55	
5	PCB-114L	38.50	1.60	2.00	1.12	56	
5	PCB-118L	37.94	1.62	2.00	1.12	56	
5	PCB-123L	37.61	1.61	2.00	1.11	55	
5	PCB-126L	42.34	1.59	2.00	1.16	58	
6	PCB-155L	32.53	1.24	2.00	0.720	36	
6	PCB-156/157L	45.41	1.27	4.00	2.23	56	
6	PCB-167L	44.22	1.27	2.00	1.13	56	
6	PCB-169L	48.71	1.27	2.00	1.11	56	
7	PCB-188L	38.46	1.06	2.00	1.14	57	
7	PCB-189L	51.25	1.06	2.00	1.10	55	
8	PCB-202L	43.95	0.89	2.00	1.21	61	
8	PCB-205L	53.83	0.91	2.00	1.13	56	
9	PCB-206L	55.58	0.83	2.00	1.05	53	
9	PCB-208L	50.73	0.79	2.00	1.05	52	
10	PCB-209L	57.20	0.70	2.00	1.08	54	
Recovery Standards							
2	PCB-009L	15.39	1.58	2.00	2.43	N/A	
4	PCB-052L	25.44	0.79	2.00	3.04	N/A	
5	PCB-101L	32.77	1.57	2.00	3.18	N/A	
6	PCB-138L	41.13	1.25	2.00	3.32	N/A	
8	PCB-194L	53.36	0.91	2.00	3.03	N/A	
Cleanup Standards							
3	PCB-028L	23.45	1.04	2.00	0.989	49	
5	PCB-111L	35.57	1.55	2.00	1.10	55	
7	PCB-178L	41.58	1.03	2.00	1.20	60	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10711510001
Lab File ID: P241101B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 13:15
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 01:20
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0220	0.00390	
1	PCB-002			ND		0.0220	0.00397	
1	PCB-003			ND		0.0220	0.00739	
2	PCB-004	12.94	1.51	0.0620	~~A~~	0.0220	0.00497	
2	PCB-005			ND		0.0220	0.00531	
2	PCB-006			ND		0.0220	0.00269	
2	PCB-007			ND		0.0220	0.00257	
2	PCB-008			ND		0.0220	0.00525	
2	PCB-009			ND		0.0220	0.00104	
2	PCB-010			ND		0.0220	0.00119	
2	PCB-011			ND		0.215	0.0573	
2	PCB-012/013			ND		0.0440	0.00288	
2	PCB-014			ND		0.0220	0.00101	
2	PCB-015			ND		0.0290	0.00567	
3	PCB-016			ND		0.0220	0.00320	
3	PCB-017			ND		0.0220	0.00356	
3	PCB-018/030			ND		0.0440	0.00583	
3	PCB-019			ND		0.0220	0.00299	
3	PCB-020/028			ND		0.113	0.00661	
3	PCB-021/033			ND		0.119	0.00545	
3	PCB-022			ND		0.0835	0.00359	
3	PCB-023			ND		0.0220	0.00109	
3	PCB-024			ND		0.0220	0.00122	
3	PCB-025			ND		0.0220	0.00142	
3	PCB-026/029			ND		0.0440	0.00229	
3	PCB-027			ND		0.0220	0.00098	
3	PCB-031			ND		0.114	0.00799	
3	PCB-032			ND		0.0220	0.00267	
3	PCB-034			ND		0.0220	0.00107	
3	PCB-035			ND		0.0220	0.00109	
3	PCB-036			ND		0.0220	0.00103	
3	PCB-037			ND		0.0466	0.00266	
3	PCB-038			ND		0.0220	0.00108	
3	PCB-039			ND		0.0220	0.00139	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10711510001
Lab File ID: P241101B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 13:15
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 01:20
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0660	0.00452	
4	PCB-042			ND		0.0220	0.00240	
4	PCB-043/073			ND		0.0440	0.00217	
4	PCB-044/047/065			ND		0.0660	0.00639	
4	PCB-045/051			ND		0.0440	0.00330	
4	PCB-046			ND		0.0220	0.00148	
4	PCB-048			ND		0.0220	0.00175	
4	PCB-069/049			ND		0.0440	0.00370	
4	PCB-050/053			ND		0.0440	0.00189	
4	PCB-052			ND		0.113	0.0133	
4	PCB-054			ND		0.0220	0.00101	
4	PCB-055			ND		0.0220	0.00150	
4	PCB-056			ND		0.0220	0.00336	
4	PCB-057			ND		0.0220	0.00100	
4	PCB-058			ND		0.0220	0.00129	
4	PCB-059/062/075			ND		0.0660	0.00226	
4	PCB-060			ND		0.0220	0.00185	
4	PCB-061/070/074/076			ND		0.0879	0.00794	
4	PCB-063			ND		0.0220	0.00086	
4	PCB-064			ND		0.0220	0.00217	
4	PCB-066			ND		0.0519	0.00413	
4	PCB-067			ND		0.0220	0.00121	
4	PCB-068			ND		0.0220	0.00110	
4	PCB-072			ND		0.0220	0.00077	
4	PCB-077			ND		0.0220	0.00133	
4	PCB-078			ND		0.0220	0.00112	
4	PCB-079			ND		0.0220	0.00077	
4	PCB-080			ND		0.0220	0.00108	
4	PCB-081			ND		0.0220	0.00073	
5	PCB-082			ND		0.0220	0.00133	
5	PCB-083			ND		0.0220	0.00114	
5	PCB-084			ND		0.0220	0.00230	
5	PCB-085/116/117			ND		0.0660	0.00305	
5	PCB-086/087/097/108/119/12			ND		0.132	0.00582	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10711510001
Lab File ID: P241101B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 13:15
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 01:20
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0440	0.00177	
5	PCB-089			ND		0.0220	0.00125	
5	PCB-090/101/113			ND		0.0660	0.00450	
5	PCB-092			ND		0.0220	0.00095	
5	PCB-093/098/100/102			ND		0.0879	0.00406	
5	PCB-094			ND		0.0220	0.00081	
5	PCB-095			ND		0.0616	0.00617	
5	PCB-096			ND		0.0220	0.00083	
5	PCB-099			ND		0.0220	0.00185	
5	PCB-103			ND		0.0220	0.00067	
5	PCB-104			ND		0.0220	0.00126	
5	PCB-105			ND		0.0220	0.00283	
5	PCB-106			ND		0.0220	0.00111	
5	PCB-107/124			ND		0.0440	0.00198	
5	PCB-109			ND		0.0220	0.00140	
5	PCB-110/115			ND		0.0440	0.00501	
5	PCB-111			ND		0.0220	0.00086	
5	PCB-112			ND		0.0220	0.00136	
5	PCB-114			ND		0.0220	0.00112	
5	PCB-118			ND		0.0343	0.00510	
5	PCB-120			ND		0.0220	0.00084	
5	PCB-121			ND		0.0220	0.00117	
5	PCB-122			ND		0.0220	0.00121	
5	PCB-123			ND		0.0220	0.00131	
5	PCB-126			ND		0.0220	0.00070	
5	PCB-127			ND		0.0220	0.00111	
6	PCB-128/166			ND		0.0440	0.00237	
6	PCB-129/138/163			ND		0.0660	0.00495	
6	PCB-130			ND		0.0220	0.00121	
6	PCB-131			ND		0.0220	0.00145	
6	PCB-132			ND		0.0220	0.00164	
6	PCB-133			ND		0.0220	0.00104	
6	PCB-134/143			ND		0.0440	0.00270	
6	PCB-135/151			ND		0.0440	0.00296	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10711510001
Lab File ID: P241101B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 13:15
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 01:20
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.0220	0.00151	
6	PCB-137			ND		0.0220	0.00161	
6	PCB-139/140			ND		0.0440	0.00207	
6	PCB-141			ND		0.0220	0.00195	
6	PCB-142			ND		0.0220	0.00135	
6	PCB-144			ND		0.0220	0.00088	
6	PCB-145			ND		0.0220	0.00101	
6	PCB-146			ND		0.0220	0.00124	
6	PCB-147/149			ND		0.0440	0.00377	
6	PCB-148			ND		0.0220	0.00103	
6	PCB-150			ND		0.0220	0.00104	
6	PCB-152			ND		0.0220	0.00083	
6	PCB-153/168			ND		0.0440	0.00296	
6	PCB-154			ND		0.0220	0.00130	
6	PCB-155			ND		0.0220	0.00114	
6	PCB-156/157			ND		0.0440	0.00163	
6	PCB-158			ND		0.0220	0.00121	
6	PCB-159			ND		0.0220	0.00109	
6	PCB-160			ND		0.0220	0.00124	
6	PCB-161			ND		0.0220	0.00061	
6	PCB-162			ND		0.0220	0.00110	
6	PCB-164			ND		0.0220	0.00136	
6	PCB-165			ND		0.0220	0.00071	
6	PCB-167			ND		0.0220	0.00158	
6	PCB-169			ND		0.0220	0.00098	
7	PCB-170			ND		0.0220	0.00141	
7	PCB-171/173			ND		0.0440	0.00181	
7	PCB-172			ND		0.0220	0.00439	
7	PCB-174			ND		0.0220	0.00158	
7	PCB-175			ND		0.0220	0.00104	
7	PCB-176			ND		0.0220	0.00087	
7	PCB-177			ND		0.0220	0.00180	
7	PCB-178			ND		0.0220	0.00115	
7	PCB-179			ND		0.0220	0.00136	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10711510001
Lab File ID: P241101B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 13:15
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 01:20
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND		0.0440	0.00400	
7	PCB-181			ND		0.0220	0.00145	
7	PCB-182			ND		0.0220	0.00120	
7	PCB-183/185			ND		0.0440	0.00266	
7	PCB-184			ND		0.0220	0.00061	
7	PCB-186			ND		0.0220	0.00144	
7	PCB-187			ND		0.0220	0.00163	
7	PCB-188			ND		0.0220	0.00069	
7	PCB-189			ND		0.0220	0.00110	
7	PCB-190			ND		0.0220	0.00153	
7	PCB-191			ND		0.0220	0.00141	
7	PCB-192			ND		0.0220	0.00142	
8	PCB-194			ND		0.0220	0.00113	
8	PCB-195			ND		0.0220	0.00145	
8	PCB-196			ND		0.0220	0.00109	
8	PCB-197/200			ND		0.0440	0.00184	
8	PCB-198/199			ND		0.0440	0.00190	
8	PCB-201			ND		0.0220	0.00056	
8	PCB-202			ND		0.0220	0.00118	
8	PCB-203			ND		0.0220	0.00098	
8	PCB-204			ND		0.0220	0.00113	
8	PCB-205			ND		0.0220	0.00136	
9	PCB-206			ND		0.0220	0.00195	
9	PCB-207			ND		0.0220	0.00131	
9	PCB-208			ND		0.0220	0.00117	
10	PCB-209			ND		0.0220	0.00688	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10711510001
Lab File ID: P241101B_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 13:15
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 01:20
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1820mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0620	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	ND	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	0.0620	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10711510002
Lab File ID: P241101B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 14:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 02:22
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115362

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.74	2.98	2.00	0.633	32	
1	PCB-003L	12.58	3.02	2.00	0.829	41	
2	PCB-004L	12.87	1.57	2.00	0.806	40	
2	PCB-015L	20.03	1.60	2.00	1.09	55	
3	PCB-019L	16.72	0.99	2.00	0.808	40	
3	PCB-037L	27.84	1.05	2.00	1.20	60	
4	PCB-054L	20.34	0.81	2.00	0.746	37	
4	PCB-077L	35.57	0.80	2.00	1.41	71	
4	PCB-081L	34.98	0.79	2.00	1.38	69	
5	PCB-104L	26.49	1.58	2.00	0.931	47	
5	PCB-105L	39.17	1.59	2.00	1.35	67	
5	PCB-114L	38.51	1.63	2.00	1.40	70	
5	PCB-118L	37.96	1.59	2.00	1.36	68	
5	PCB-123L	37.61	1.61	2.00	1.36	68	
5	PCB-126L	42.35	1.59	2.00	1.38	69	
6	PCB-155L	32.55	1.24	2.00	1.13	56	
6	PCB-156/157L	45.41	1.28	4.00	2.67	67	
6	PCB-167L	44.24	1.27	2.00	1.37	68	
6	PCB-169L	48.71	1.27	2.00	1.31	66	
7	PCB-188L	38.48	1.06	2.00	1.53	76	
7	PCB-189L	51.25	1.07	2.00	1.39	70	
8	PCB-202L	43.97	0.87	2.00	1.49	74	
8	PCB-205L	53.86	0.90	2.00	1.30	65	
9	PCB-206L	55.60	0.82	2.00	1.19	60	
9	PCB-208L	50.75	0.79	2.00	1.37	69	
10	PCB-209L	57.22	0.68	2.00	1.22	61	
Recovery Standards							
2	PCB-009L	15.36	1.60	2.00	2.18	N/A	
4	PCB-052L	25.46	0.80	2.00	2.60	N/A	
5	PCB-101L	32.78	1.59	2.00	2.66	N/A	
6	PCB-138L	41.15	1.26	2.00	2.74	N/A	
8	PCB-194L	53.36	0.92	2.00	2.49	N/A	
Cleanup Standards							
3	PCB-028L	23.45	1.02	2.00	1.18	59	
5	PCB-111L	35.58	1.56	2.00	1.29	64	
7	PCB-178L	41.60	1.06	2.00	1.46	73	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10711510002
Lab File ID: P241101B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 14:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 02:22
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0240	0.00425	
1	PCB-002			ND		0.0240	0.00432	
1	PCB-003			ND		0.0240	0.00805	
2	PCB-004	12.90	1.52	0.0782	~~A~~	0.0240	0.00541	
2	PCB-005			ND		0.0240	0.00578	
2	PCB-006			ND		0.0240	0.00293	
2	PCB-007			ND		0.0240	0.00280	
2	PCB-008			ND		0.0240	0.00572	
2	PCB-009			ND		0.0240	0.00113	
2	PCB-010			ND		0.0240	0.00129	
2	PCB-011			ND		0.235	0.0624	
2	PCB-012/013			ND		0.0479	0.00314	
2	PCB-014			ND		0.0240	0.00110	
2	PCB-015			ND		0.0316	0.00618	
3	PCB-016			ND		0.0240	0.00348	
3	PCB-017			ND		0.0240	0.00388	
3	PCB-018/030			ND		0.0479	0.00635	
3	PCB-019			ND		0.0240	0.00326	
3	PCB-020/028			ND		0.124	0.00720	
3	PCB-021/033			ND		0.129	0.00594	
3	PCB-022			ND		0.0910	0.00392	
3	PCB-023			ND		0.0240	0.00119	
3	PCB-024			ND		0.0240	0.00133	
3	PCB-025			ND		0.0240	0.00154	
3	PCB-026/029			ND		0.0479	0.00249	
3	PCB-027			ND		0.0240	0.00107	
3	PCB-031			ND		0.125	0.00871	
3	PCB-032			ND		0.0240	0.00291	
3	PCB-034			ND		0.0240	0.00117	
3	PCB-035			ND		0.0240	0.00118	
3	PCB-036			ND		0.0240	0.00112	
3	PCB-037			ND		0.0508	0.00290	
3	PCB-038			ND		0.0240	0.00118	
3	PCB-039			ND		0.0240	0.00151	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10711510002
Lab File ID: P241101B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 14:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 02:22
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0719	0.00492	
4	PCB-042			ND		0.0240	0.00261	
4	PCB-043/073			ND		0.0479	0.00236	
4	PCB-044/047/065			ND		0.0719	0.00696	
4	PCB-045/051			ND		0.0479	0.00359	
4	PCB-046			ND		0.0240	0.00162	
4	PCB-048			ND		0.0240	0.00190	
4	PCB-069/049			ND		0.0479	0.00404	
4	PCB-050/053			ND		0.0479	0.00206	
4	PCB-052			ND		0.124	0.0145	
4	PCB-054			ND		0.0240	0.00110	
4	PCB-055			ND		0.0240	0.00163	
4	PCB-056			ND		0.0240	0.00366	
4	PCB-057			ND		0.0240	0.00109	
4	PCB-058			ND		0.0240	0.00140	
4	PCB-059/062/075			ND		0.0719	0.00247	
4	PCB-060			ND		0.0240	0.00201	
4	PCB-061/070/074/076			ND		0.0958	0.00865	
4	PCB-063			ND		0.0240	0.00094	
4	PCB-064			ND		0.0240	0.00236	
4	PCB-066			ND		0.0565	0.00450	
4	PCB-067			ND		0.0240	0.00132	
4	PCB-068			ND		0.0240	0.00120	
4	PCB-072			ND		0.0240	0.00084	
4	PCB-077			ND		0.0240	0.00145	
4	PCB-078			ND		0.0240	0.00122	
4	PCB-079			ND		0.0240	0.00084	
4	PCB-080			ND		0.0240	0.00118	
4	PCB-081			ND		0.0240	0.00080	
5	PCB-082			ND		0.0240	0.00145	
5	PCB-083			ND		0.0240	0.00125	
5	PCB-084			ND		0.0240	0.00250	
5	PCB-085/116/117			ND		0.0719	0.00332	
5	PCB-086/087/097/108/119/12			ND		0.144	0.00633	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10711510002
Lab File ID: P241101B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 14:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 02:22
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0479	0.00193	
5	PCB-089			ND		0.0240	0.00137	
5	PCB-090/101/113			ND		0.0719	0.00490	
5	PCB-092			ND		0.0240	0.00104	
5	PCB-093/098/100/102			ND		0.0958	0.00442	
5	PCB-094			ND		0.0240	0.00089	
5	PCB-095			ND		0.0671	0.00672	
5	PCB-096			ND		0.0240	0.00090	
5	PCB-099			ND		0.0240	0.00201	
5	PCB-103			ND		0.0240	0.00074	
5	PCB-104			ND		0.0240	0.00138	
5	PCB-105			ND		0.0240	0.00308	
5	PCB-106			ND		0.0240	0.00121	
5	PCB-107/124			ND		0.0479	0.00216	
5	PCB-109			ND		0.0240	0.00152	
5	PCB-110/115			ND		0.0479	0.00546	
5	PCB-111			ND		0.0240	0.00094	
5	PCB-112			ND		0.0240	0.00148	
5	PCB-114			ND		0.0240	0.00122	
5	PCB-118			ND		0.0374	0.00556	
5	PCB-120			ND		0.0240	0.00091	
5	PCB-121			ND		0.0240	0.00127	
5	PCB-122			ND		0.0240	0.00132	
5	PCB-123			ND		0.0240	0.00143	
5	PCB-126			ND		0.0240	0.00076	
5	PCB-127			ND		0.0240	0.00121	
6	PCB-128/166			ND		0.0479	0.00259	
6	PCB-129/138/163			ND		0.0719	0.00539	
6	PCB-130			ND		0.0240	0.00132	
6	PCB-131			ND		0.0240	0.00158	
6	PCB-132			ND		0.0240	0.00178	
6	PCB-133			ND		0.0240	0.00113	
6	PCB-134/143			ND		0.0479	0.00295	
6	PCB-135/151			ND		0.0479	0.00322	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10711510002
Lab File ID: P241101B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 14:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 02:22
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.0240	0.00164	
6	PCB-137			ND		0.0240	0.00175	
6	PCB-139/140			ND		0.0479	0.00225	
6	PCB-141			ND		0.0240	0.00212	
6	PCB-142			ND		0.0240	0.00147	
6	PCB-144			ND		0.0240	0.00096	
6	PCB-145			ND		0.0240	0.00110	
6	PCB-146			ND		0.0240	0.00135	
6	PCB-147/149			ND		0.0479	0.00411	
6	PCB-148			ND		0.0240	0.00112	
6	PCB-150			ND		0.0240	0.00114	
6	PCB-152			ND		0.0240	0.00091	
6	PCB-153/168			ND		0.0479	0.00322	
6	PCB-154			ND		0.0240	0.00141	
6	PCB-155			ND		0.0240	0.00125	
6	PCB-156/157			ND		0.0479	0.00177	
6	PCB-158			ND		0.0240	0.00132	
6	PCB-159			ND		0.0240	0.00119	
6	PCB-160			ND		0.0240	0.00135	
6	PCB-161			ND		0.0240	0.00066	
6	PCB-162			ND		0.0240	0.00120	
6	PCB-164			ND		0.0240	0.00148	
6	PCB-165			ND		0.0240	0.00077	
6	PCB-167			ND		0.0240	0.00172	
6	PCB-169			ND		0.0240	0.00107	
7	PCB-170			ND		0.0240	0.00153	
7	PCB-171/173			ND		0.0479	0.00198	
7	PCB-172			ND		0.0240	0.00478	
7	PCB-174			ND		0.0240	0.00172	
7	PCB-175			ND		0.0240	0.00114	
7	PCB-176			ND		0.0240	0.00095	
7	PCB-177			ND		0.0240	0.00196	
7	PCB-178			ND		0.0240	0.00126	
7	PCB-179			ND		0.0240	0.00148	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10711510002
Lab File ID: P241101B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 14:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 02:22
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND		0.0479	0.00436	
7	PCB-181			ND		0.0240	0.00158	
7	PCB-182			ND		0.0240	0.00131	
7	PCB-183/185			ND		0.0479	0.00290	
7	PCB-184			ND		0.0240	0.00067	
7	PCB-186			ND		0.0240	0.00157	
7	PCB-187			ND		0.0240	0.00177	
7	PCB-188			ND		0.0240	0.00075	
7	PCB-189			ND		0.0240	0.00120	
7	PCB-190			ND		0.0240	0.00166	
7	PCB-191			ND		0.0240	0.00153	
7	PCB-192			ND		0.0240	0.00154	
8	PCB-194			ND		0.0240	0.00123	
8	PCB-195			ND		0.0240	0.00158	
8	PCB-196			ND		0.0240	0.00118	
8	PCB-197/200			ND		0.0479	0.00200	
8	PCB-198/199			ND		0.0479	0.00207	
8	PCB-201			ND		0.0240	0.00061	
8	PCB-202			ND		0.0240	0.00128	
8	PCB-203			ND		0.0240	0.00108	
8	PCB-204			ND		0.0240	0.00123	
8	PCB-205			ND		0.0240	0.00148	
9	PCB-206			ND		0.0240	0.00212	
9	PCB-207			ND		0.0240	0.00143	
9	PCB-208			ND		0.0240	0.00127	
10	PCB-209			ND		0.0240	0.00750	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10711510002
Lab File ID: P241101B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 14:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 02:22
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0782	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	ND	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	0.0782	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10711510003
Lab File ID: P241101B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 15:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 03:24
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115362

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.79	3.18	2.00	0.687	34	
1	PCB-003L	12.61	3.06	2.00	0.850	43	
2	PCB-004L	12.91	1.52	2.00	0.856	43	
2	PCB-015L	20.03	1.60	2.00	1.11	56	
3	PCB-019L	16.73	1.02	2.00	0.904	45	
3	PCB-037L	27.83	1.07	2.00	1.34	67	
4	PCB-054L	20.34	0.77	2.00	0.788	39	
4	PCB-077L	35.55	0.80	2.00	1.59	80	
4	PCB-081L	34.96	0.80	2.00	1.61	81	
5	PCB-104L	26.48	1.54	2.00	0.972	49	
5	PCB-105L	39.15	1.60	2.00	1.48	74	
5	PCB-114L	38.50	1.63	2.00	1.53	76	
5	PCB-118L	37.94	1.62	2.00	1.51	76	
5	PCB-123L	37.61	1.57	2.00	1.54	77	
5	PCB-126L	42.34	1.61	2.00	1.51	76	
6	PCB-155L	32.55	1.24	2.00	1.28	64	
6	PCB-156/157L	45.41	1.30	4.00	3.02	75	
6	PCB-167L	44.22	1.29	2.00	1.54	77	
6	PCB-169L	48.72	1.30	2.00	1.50	75	
7	PCB-188L	38.46	1.03	2.00	1.76	88	
7	PCB-189L	51.25	1.05	2.00	1.64	82	
8	PCB-202L	43.95	0.90	2.00	1.71	86	
8	PCB-205L	53.86	0.89	2.00	1.52	76	
9	PCB-206L	55.60	0.79	2.00	1.41	70	
9	PCB-208L	50.75	0.80	2.00	1.59	80	
10	PCB-209L	57.20	0.73	2.00	1.43	72	
Recovery Standards							
2	PCB-009L	15.38	1.62	2.00	1.91	N/A	
4	PCB-052L	25.44	0.80	2.00	2.33	N/A	
5	PCB-101L	32.77	1.58	2.00	2.42	N/A	
6	PCB-138L	41.13	1.25	2.00	2.39	N/A	
8	PCB-194L	53.36	0.91	2.00	2.15	N/A	
Cleanup Standards							
3	PCB-028L	23.45	1.06	2.00	1.35	67	
5	PCB-111L	35.58	1.54	2.00	1.48	74	
7	PCB-178L	41.58	1.07	2.00	1.67	84	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10711510003
Lab File ID: P241101B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 15:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 03:24
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0238	0.00422	
1	PCB-002			ND		0.0238	0.00430	
1	PCB-003			ND		0.0238	0.00800	
2	PCB-004	12.92	1.39	0.152		0.0238	0.00538	
2	PCB-005			ND		0.0238	0.00575	
2	PCB-006			ND		0.0238	0.00291	
2	PCB-007			ND		0.0238	0.00278	
2	PCB-008			ND		0.0238	0.00569	
2	PCB-009			ND		0.0238	0.00112	
2	PCB-010			ND		0.0238	0.00128	
2	PCB-011			ND		0.233	0.0620	
2	PCB-012/013			ND		0.0476	0.00312	
2	PCB-014			ND		0.0238	0.00109	
2	PCB-015			ND		0.0314	0.00614	
3	PCB-016			ND		0.0238	0.00346	
3	PCB-017	19.46	1.04	0.0295		0.0238	0.00385	
3	PCB-018/030			ND		0.0476	0.00631	
3	PCB-019	16.75	0.98	0.0356		0.0238	0.00324	
3	PCB-020/028			ND		0.123	0.00715	
3	PCB-021/033			ND		0.128	0.00590	
3	PCB-022			ND		0.0904	0.00389	
3	PCB-023			ND		0.0238	0.00118	
3	PCB-024			ND		0.0238	0.00132	
3	PCB-025			ND		0.0238	0.00153	
3	PCB-026/029			ND		0.0476	0.00247	
3	PCB-027			ND		0.0238	0.00106	
3	PCB-031			ND		0.124	0.00865	
3	PCB-032			ND		0.0238	0.00289	
3	PCB-034			ND		0.0238	0.00116	
3	PCB-035			ND		0.0238	0.00118	
3	PCB-036			ND		0.0238	0.00111	
3	PCB-037			ND		0.0504	0.00288	
3	PCB-038			ND		0.0238	0.00117	
3	PCB-039			ND		0.0238	0.00150	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10711510003
Lab File ID: P241101B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 15:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 03:24
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0714	0.00489	
4	PCB-042			ND		0.0238	0.00259	
4	PCB-043/073			ND		0.0476	0.00234	
4	PCB-044/047/065	26.60	0.76	0.0837		0.0714	0.00691	
4	PCB-045/051			ND		0.0476	0.00357	
4	PCB-046			ND		0.0238	0.00161	
4	PCB-048			ND		0.0238	0.00189	
4	PCB-069/049	26.02	0.78	0.0495		0.0476	0.00401	
4	PCB-050/053			ND		0.0476	0.00205	
4	PCB-052			ND		0.123	0.0144	
4	PCB-054			ND		0.0238	0.00109	
4	PCB-055			ND		0.0238	0.00162	
4	PCB-056			ND		0.0238	0.00364	
4	PCB-057			ND		0.0238	0.00109	
4	PCB-058			ND		0.0238	0.00139	
4	PCB-059/062/075			ND		0.0714	0.00245	
4	PCB-060			ND		0.0238	0.00200	
4	PCB-061/070/074/076			ND		0.0952	0.00859	
4	PCB-063			ND		0.0238	0.00093	
4	PCB-064			ND		0.0238	0.00234	
4	PCB-066			ND		0.0562	0.00447	
4	PCB-067			ND		0.0238	0.00131	
4	PCB-068			ND		0.0238	0.00119	
4	PCB-072			ND		0.0238	0.00083	
4	PCB-077			ND		0.0238	0.00144	
4	PCB-078			ND		0.0238	0.00121	
4	PCB-079			ND		0.0238	0.00083	
4	PCB-080			ND		0.0238	0.00117	
4	PCB-081			ND		0.0238	0.00079	
5	PCB-082			ND		0.0238	0.00144	
5	PCB-083			ND		0.0238	0.00124	
5	PCB-084			ND		0.0238	0.00249	
5	PCB-085/116/117			ND		0.0714	0.00330	
5	PCB-086/087/097/108/119/12			ND		0.143	0.00629	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10711510003
Lab File ID: P241101B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 15:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 03:24
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0476	0.00192	
5	PCB-089			ND		0.0238	0.00136	
5	PCB-090/101/113	32.80	1.54	0.167		0.0714	0.00487	
5	PCB-092	32.18	1.63	0.0317		0.0238	0.00103	
5	PCB-093/098/100/102			ND		0.0952	0.00439	
5	PCB-094			ND		0.0238	0.00088	
5	PCB-095	29.67	1.55	0.131		0.0666	0.00667	
5	PCB-096			ND		0.0238	0.00089	
5	PCB-099	33.42	1.62	0.0365		0.0238	0.00200	
5	PCB-103			ND		0.0238	0.00073	
5	PCB-104			ND		0.0238	0.00137	
5	PCB-105			ND		0.0238	0.00306	
5	PCB-106			ND		0.0238	0.00120	
5	PCB-107/124			ND		0.0476	0.00214	
5	PCB-109			ND		0.0238	0.00151	
5	PCB-110/115	34.85	1.55	0.118		0.0476	0.00543	
5	PCB-111			ND		0.0238	0.00093	
5	PCB-112			ND		0.0238	0.00148	
5	PCB-114			ND		0.0238	0.00121	
5	PCB-118	37.98	1.65	0.0541		0.0371	0.00552	
5	PCB-120			ND		0.0238	0.00091	
5	PCB-121			ND		0.0238	0.00126	
5	PCB-122			ND		0.0238	0.00131	
5	PCB-123			ND		0.0238	0.00142	
5	PCB-126			ND		0.0238	0.00076	
5	PCB-127			ND		0.0238	0.00120	
6	PCB-128/166			ND		0.0476	0.00257	
6	PCB-129/138/163	41.16	1.27	0.395		0.0714	0.00535	
6	PCB-130			ND		0.0238	0.00131	
6	PCB-131			ND		0.0238	0.00157	
6	PCB-132	38.06	1.22	0.117		0.0238	0.00177	
6	PCB-133			ND		0.0238	0.00112	
6	PCB-134/143			ND		0.0476	0.00293	
6	PCB-135/151	35.80	1.19	0.240		0.0476	0.00320	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10711510003
Lab File ID: P241101B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 15:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 03:24
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.29	1.25	0.0671		0.0238	0.00163	
6	PCB-137			ND		0.0238	0.00174	
6	PCB-139/140			ND		0.0476	0.00224	
6	PCB-141	40.09	1.21	0.114		0.0238	0.00211	
6	PCB-142			ND		0.0238	0.00146	
6	PCB-144	36.40	1.27	0.0331		0.0238	0.00095	
6	PCB-145			ND		0.0238	0.00109	
6	PCB-146	39.25	1.27	0.0596		0.0238	0.00134	
6	PCB-147/149	36.77	1.23	0.417		0.0476	0.00408	
6	PCB-148			ND		0.0238	0.00111	
6	PCB-150			ND		0.0238	0.00113	
6	PCB-152			ND		0.0238	0.00090	
6	PCB-153/168	39.89	1.24	0.435		0.0476	0.00320	
6	PCB-154			ND		0.0238	0.00140	
6	PCB-155			ND		0.0238	0.00124	
6	PCB-156/157			ND		0.0476	0.00176	
6	PCB-158	41.58	1.23	0.0334		0.0238	0.00131	
6	PCB-159			ND		0.0238	0.00118	
6	PCB-160			ND		0.0238	0.00134	
6	PCB-161			ND		0.0238	0.00066	
6	PCB-162			ND		0.0238	0.00119	
6	PCB-164	40.85	1.15	0.0284		0.0238	0.00148	
6	PCB-165			ND		0.0238	0.00077	
6	PCB-167			ND		0.0238	0.00171	
6	PCB-169			ND		0.0238	0.00107	
7	PCB-170	48.11	1.05	0.161		0.0238	0.00152	
7	PCB-171/173	44.51	1.07	0.0550		0.0476	0.00196	
7	PCB-172	46.17	1.03	0.0353		0.0238	0.00475	
7	PCB-174	43.42	1.11	0.235		0.0238	0.00171	
7	PCB-175			ND		0.0238	0.00113	
7	PCB-176	39.74	1.10	0.0321		0.0238	0.00094	
7	PCB-177	43.87	1.04	0.119		0.0238	0.00195	
7	PCB-178	41.62	1.00	0.0509		0.0238	0.00125	
7	PCB-179	38.83	1.02	0.105		0.0238	0.00148	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10711510003
Lab File ID: P241101B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 15:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 03:24
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.82	1.04	0.439		0.0476	0.00433	
7	PCB-181			ND		0.0238	0.00157	
7	PCB-182			ND		0.0238	0.00130	
7	PCB-183/185	43.18	1.02	0.147		0.0476	0.00288	
7	PCB-184			ND		0.0238	0.00066	
7	PCB-186			ND		0.0238	0.00156	
7	PCB-187	42.54	1.02	0.273		0.0238	0.00176	
7	PCB-188			ND		0.0238	0.00075	
7	PCB-189			ND		0.0238	0.00119	
7	PCB-190	48.65	1.11	0.0412		0.0238	0.00165	
7	PCB-191			ND		0.0238	0.00152	
7	PCB-192			ND		0.0238	0.00153	
8	PCB-194	53.38	0.85	0.117		0.0238	0.00123	
8	PCB-195	51.03	0.79	0.0475		0.0238	0.00157	
8	PCB-196	49.47	0.89	0.0664		0.0238	0.00117	
8	PCB-197/200			ND		0.0476	0.00199	
8	PCB-198/199	48.80	0.90	0.116		0.0476	0.00206	
8	PCB-201			ND		0.0238	0.00060	
8	PCB-202			ND		0.0238	0.00127	
8	PCB-203	49.69	0.87	0.0785		0.0238	0.00107	
8	PCB-204			ND		0.0238	0.00123	
8	PCB-205			ND		0.0238	0.00148	
9	PCB-206	55.63	0.83	0.0350		0.0238	0.00211	
9	PCB-207			ND		0.0238	0.00142	
9	PCB-208			ND		0.0238	0.00126	
10	PCB-209			ND		0.0238	0.00745	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10711510003
Lab File ID: P241101B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 15:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 03:24
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1680mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241101B02
CCal File(s): P241101B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.152	
Total TrCB	0.0651	
Total TeCB	0.133	
Total PeCB	0.538	
Total HxCB	1.94	
Total HpCB	1.69	
Total OcCB	0.426	
Total NoCB	0.0350	
DeCB	ND	
Total PCBs	4.98	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10711510004
Lab File ID: P241030A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 17:15
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/30/2024 19:12
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115362

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030A03
CCal File(s): P241030A_02

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.93	3.04	2.00	0.716	36	
1	PCB-003L	12.73	3.09	2.00	0.848	42	
2	PCB-004L	13.02	1.52	2.00	0.772	39	
2	PCB-015L	20.10	1.60	2.00	1.06	53	
3	PCB-019L	16.82	1.03	2.00	0.762	38	
3	PCB-037L	27.87	1.07	2.00	1.36	68	
4	PCB-054L	20.41	0.79	2.00	0.706	35	
4	PCB-077L	35.60	0.80	2.00	1.73	87	
4	PCB-081L	35.01	0.79	2.00	1.69	85	
5	PCB-104L	26.52	1.58	2.00	0.680	34	
5	PCB-105L	39.20	1.61	2.00	1.73	86	
5	PCB-114L	38.55	1.62	2.00	1.68	84	
5	PCB-118L	37.99	1.57	2.00	1.70	85	
5	PCB-123L	37.66	1.58	2.00	1.69	84	
5	PCB-126L	42.39	1.60	2.00	1.79	89	
6	PCB-155L	32.58	1.25	2.00	0.859	43	
6	PCB-156/157L	45.46	1.30	4.00	3.50	88	
6	PCB-167L	44.27	1.30	2.00	1.77	88	
6	PCB-169L	48.77	1.31	2.00	1.74	87	
7	PCB-188L	38.51	1.05	2.00	1.50	75	
7	PCB-189L	51.31	1.07	2.00	1.79	89	
8	PCB-202L	44.00	0.90	2.00	1.66	83	
8	PCB-205L	53.90	0.89	2.00	1.60	80	
9	PCB-206L	55.65	0.80	2.00	1.52	76	
9	PCB-208L	50.80	0.79	2.00	1.69	85	
10	PCB-209L	57.26	0.71	2.00	1.49	75	
Recovery Standards							
2	PCB-009L	15.47	1.58	2.00	1.86	N/A	
4	PCB-052L	25.50	0.80	2.00	2.14	N/A	
5	PCB-101L	32.81	1.55	2.00	2.18	N/A	
6	PCB-138L	41.18	1.25	2.00	2.27	N/A	
8	PCB-194L	53.43	0.90	2.00	2.19	N/A	
Cleanup Standards							
3	PCB-028L	23.51	1.07	2.00	1.59	80	
5	PCB-111L	35.61	1.55	2.00	1.55	77	
7	PCB-178L	41.63	1.05	2.00	1.76	88	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10711510004
Lab File ID: P241030A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 17:15
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/30/2024 19:12
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030A03
CCal File(s): P241030A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0229	0.00407	
1	PCB-002			ND		0.0229	0.00413	
1	PCB-003			ND		0.0229	0.00770	
2	PCB-004			ND		0.0229	0.00518	
2	PCB-005			ND		0.0229	0.00553	
2	PCB-006			ND		0.0229	0.00281	
2	PCB-007			ND		0.0229	0.00268	
2	PCB-008			ND		0.0229	0.00547	
2	PCB-009			ND		0.0229	0.00108	
2	PCB-010			ND		0.0229	0.00124	
2	PCB-011			ND		0.224	0.0597	
2	PCB-012/013			ND		0.0458	0.00300	
2	PCB-014			ND		0.0229	0.00105	
2	PCB-015			ND		0.0302	0.00591	
3	PCB-016			ND		0.0229	0.00333	
3	PCB-017			ND		0.0229	0.00371	
3	PCB-018/030			ND		0.0458	0.00607	
3	PCB-019			ND		0.0229	0.00311	
3	PCB-020/028			ND		0.118	0.00688	
3	PCB-021/033			ND		0.124	0.00568	
3	PCB-022			ND		0.0870	0.00374	
3	PCB-023			ND		0.0229	0.00114	
3	PCB-024			ND		0.0229	0.00127	
3	PCB-025			ND		0.0229	0.00148	
3	PCB-026/029			ND		0.0458	0.00238	
3	PCB-027			ND		0.0229	0.00102	
3	PCB-031			ND		0.119	0.00833	
3	PCB-032			ND		0.0229	0.00278	
3	PCB-034			ND		0.0229	0.00111	
3	PCB-035			ND		0.0229	0.00113	
3	PCB-036			ND		0.0229	0.00107	
3	PCB-037			ND		0.0486	0.00277	
3	PCB-038			ND		0.0229	0.00112	
3	PCB-039			ND		0.0229	0.00144	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10711510004
Lab File ID: P241030A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 17:15
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/30/2024 19:12
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030A03
CCal File(s): P241030A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0687	0.00471	
4	PCB-042			ND		0.0229	0.00250	
4	PCB-043/073			ND		0.0458	0.00226	
4	PCB-044/047/065			ND		0.0687	0.00665	
4	PCB-045/051			ND		0.0458	0.00344	
4	PCB-046			ND		0.0229	0.00155	
4	PCB-048			ND		0.0229	0.00182	
4	PCB-069/049			ND		0.0458	0.00386	
4	PCB-050/053			ND		0.0458	0.00197	
4	PCB-052			ND		0.118	0.0139	
4	PCB-054			ND		0.0229	0.00105	
4	PCB-055			ND		0.0229	0.00156	
4	PCB-056			ND		0.0229	0.00350	
4	PCB-057			ND		0.0229	0.00105	
4	PCB-058			ND		0.0229	0.00134	
4	PCB-059/062/075			ND		0.0687	0.00236	
4	PCB-060			ND		0.0229	0.00192	
4	PCB-061/070/074/076			ND		0.0916	0.00827	
4	PCB-063			ND		0.0229	0.00089	
4	PCB-064			ND		0.0229	0.00226	
4	PCB-066			ND		0.0541	0.00431	
4	PCB-067			ND		0.0229	0.00126	
4	PCB-068			ND		0.0229	0.00115	
4	PCB-072			ND		0.0229	0.00080	
4	PCB-077			ND		0.0229	0.00139	
4	PCB-078			ND		0.0229	0.00117	
4	PCB-079			ND		0.0229	0.00080	
4	PCB-080			ND		0.0229	0.00113	
4	PCB-081			ND		0.0229	0.00076	
5	PCB-082			ND		0.0229	0.00139	
5	PCB-083			ND		0.0229	0.00119	
5	PCB-084			ND		0.0229	0.00239	
5	PCB-085/116/117			ND		0.0687	0.00317	
5	PCB-086/087/097/108/119/12			ND		0.137	0.00606	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10711510004
Lab File ID: P241030A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 17:15
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/30/2024 19:12
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030A03
CCal File(s): P241030A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0458	0.00184	
5	PCB-089			ND		0.0229	0.00131	
5	PCB-090/101/113			ND		0.0687	0.00468	
5	PCB-092			ND		0.0229	0.00099	
5	PCB-093/098/100/102			ND		0.0916	0.00423	
5	PCB-094			ND		0.0229	0.00085	
5	PCB-095			ND		0.0641	0.00642	
5	PCB-096			ND		0.0229	0.00086	
5	PCB-099	33.46	1.55	0.0254		0.0229	0.00192	
5	PCB-103			ND		0.0229	0.00070	
5	PCB-104			ND		0.0229	0.00132	
5	PCB-105			ND		0.0229	0.00294	
5	PCB-106			ND		0.0229	0.00116	
5	PCB-107/124			ND		0.0458	0.00206	
5	PCB-109			ND		0.0229	0.00145	
5	PCB-110/115			ND		0.0458	0.00522	
5	PCB-111			ND		0.0229	0.00090	
5	PCB-112			ND		0.0229	0.00142	
5	PCB-114			ND		0.0229	0.00117	
5	PCB-118			ND		0.0357	0.00531	
5	PCB-120			ND		0.0229	0.00087	
5	PCB-121			ND		0.0229	0.00121	
5	PCB-122			ND		0.0229	0.00126	
5	PCB-123			ND		0.0229	0.00136	
5	PCB-126			ND		0.0229	0.00073	
5	PCB-127			ND		0.0229	0.00116	
6	PCB-128/166			ND		0.0458	0.00247	
6	PCB-129/138/163	41.21	1.23	0.115		0.0687	0.00515	
6	PCB-130			ND		0.0229	0.00126	
6	PCB-131			ND		0.0229	0.00151	
6	PCB-132			ND		0.0229	0.00171	
6	PCB-133			ND		0.0229	0.00108	
6	PCB-134/143			ND		0.0458	0.00282	
6	PCB-135/151	35.86	1.20	0.0549		0.0458	0.00308	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10711510004
Lab File ID: P241030A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 17:15
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/30/2024 19:12
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030A03
CCal File(s): P241030A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.0229	0.00157	
6	PCB-137			ND		0.0229	0.00167	
6	PCB-139/140			ND		0.0458	0.00215	
6	PCB-141			ND		0.0229	0.00203	
6	PCB-142			ND		0.0229	0.00141	
6	PCB-144			ND		0.0229	0.00092	
6	PCB-145			ND		0.0229	0.00105	
6	PCB-146	39.30	1.23	0.0285		0.0229	0.00129	
6	PCB-147/149	36.80	1.23	0.104	U	0.0458	0.00393	
6	PCB-148			ND		0.0229	0.00107	
6	PCB-150			ND		0.0229	0.00109	
6	PCB-152			ND		0.0229	0.00087	
6	PCB-153/168	39.94	1.24	0.128	U	0.0458	0.00308	
6	PCB-154			ND		0.0229	0.00135	
6	PCB-155			ND		0.0229	0.00119	
6	PCB-156/157			ND		0.0458	0.00169	
6	PCB-158			ND		0.0229	0.00126	
6	PCB-159			ND		0.0229	0.00113	
6	PCB-160			ND		0.0229	0.00129	
6	PCB-161			ND		0.0229	0.00063	
6	PCB-162			ND		0.0229	0.00115	
6	PCB-164			ND		0.0229	0.00142	
6	PCB-165			ND		0.0229	0.00074	
6	PCB-167			ND		0.0229	0.00165	
6	PCB-169			ND		0.0229	0.00103	
7	PCB-170			ND		0.0229	0.00147	
7	PCB-171/173			ND		0.0458	0.00189	
7	PCB-172			ND		0.0229	0.00457	
7	PCB-174			ND		0.0229	0.00165	
7	PCB-175			ND		0.0229	0.00109	
7	PCB-176			ND		0.0229	0.00090	
7	PCB-177	43.92	1.01	0.0256		0.0229	0.00188	
7	PCB-178			ND		0.0229	0.00120	
7	PCB-179			ND		0.0229	0.00142	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10711510004
Lab File ID: P241030A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 17:15
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/30/2024 19:12
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030A03
CCal File(s): P241030A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND		0.0458	0.00417	
7	PCB-181			ND		0.0229	0.00151	
7	PCB-182			ND		0.0229	0.00125	
7	PCB-183/185			ND		0.0458	0.00277	
7	PCB-184			ND		0.0229	0.00064	
7	PCB-186			ND		0.0229	0.00150	
7	PCB-187	42.59	1.07	0.0577	U	0.0229	0.00169	
7	PCB-188			ND		0.0229	0.00072	
7	PCB-189			ND		0.0229	0.00115	
7	PCB-190			ND		0.0229	0.00159	
7	PCB-191			ND		0.0229	0.00147	
7	PCB-192			ND		0.0229	0.00148	
8	PCB-194			ND		0.0229	0.00118	
8	PCB-195			ND		0.0229	0.00151	
8	PCB-196			ND		0.0229	0.00113	
8	PCB-197/200			ND		0.0458	0.00191	
8	PCB-198/199			ND		0.0458	0.00198	
8	PCB-201			ND		0.0229	0.00058	
8	PCB-202			ND		0.0229	0.00123	
8	PCB-203			ND		0.0229	0.00103	
8	PCB-204			ND		0.0229	0.00118	
8	PCB-205			ND		0.0229	0.00142	
9	PCB-206			ND		0.0229	0.00203	
9	PCB-207			ND		0.0229	0.00136	
9	PCB-208			ND		0.0229	0.00121	
10	PCB-209			ND		0.0229	0.00717	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10711510004
Lab File ID: P241030A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/07/2024 17:15
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/30/2024 19:12
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030A03
CCal File(s): P241030A_02

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	ND	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	0.0254	
Total HxCB	0.430	
Total HpCB	0.0833	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	0.539	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10711510005
Lab File ID: P241030A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 14:45
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/30/2024 20:13
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115362

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030A03
CCal File(s): P241030A_02

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.91	3.05	2.00	0.709	35	
1	PCB-003L	12.71	2.81	2.00	0.841	42	
2	PCB-004L	13.01	1.54	2.00	0.767	38	
2	PCB-015L	20.11	1.58	2.00	1.02	51	
3	PCB-019L	16.82	1.03	2.00	0.749	37	
3	PCB-037L	27.89	1.06	2.00	1.33	67	
4	PCB-054L	20.42	0.80	2.00	0.694	35	
4	PCB-077L	35.62	0.81	2.00	1.64	82	
4	PCB-081L	35.03	0.80	2.00	1.61	80	
5	PCB-104L	26.55	1.56	2.00	0.822	41	
5	PCB-105L	39.23	1.62	2.00	1.54	77	
5	PCB-114L	38.57	1.61	2.00	1.57	78	
5	PCB-118L	38.02	1.63	2.00	1.54	77	
5	PCB-123L	37.67	1.61	2.00	1.56	78	
5	PCB-126L	42.41	1.57	2.00	1.52	76	
6	PCB-155L	32.60	1.23	2.00	1.12	56	
6	PCB-156/157L	45.49	1.30	4.00	2.96	74	
6	PCB-167L	44.29	1.30	2.00	1.58	79	
6	PCB-169L	48.79	1.28	2.00	1.49	75	
7	PCB-188L	38.54	1.03	2.00	1.57	78	
7	PCB-189L	51.32	1.07	2.00	1.58	79	
8	PCB-202L	44.03	0.88	2.00	1.53	76	
8	PCB-205L	53.93	0.92	2.00	1.42	71	
9	PCB-206L	55.67	0.80	2.00	1.36	68	
9	PCB-208L	50.83	0.81	2.00	1.50	75	
10	PCB-209L	57.27	0.72	2.00	1.34	67	
Recovery Standards							
2	PCB-009L	15.47	1.57	2.00	2.22	N/A	
4	PCB-052L	25.51	0.78	2.00	2.55	N/A	
5	PCB-101L	32.83	1.60	2.00	2.58	N/A	
6	PCB-138L	41.20	1.28	2.00	2.57	N/A	
8	PCB-194L	53.43	0.90	2.00	2.39	N/A	
Cleanup Standards							
3	PCB-028L	23.52	1.06	2.00	1.42	71	
5	PCB-111L	35.65	1.57	2.00	1.45	72	
7	PCB-178L	41.66	1.07	2.00	1.55	78	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10711510005
Lab File ID: P241030A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 14:45
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/30/2024 20:13
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030A03
CCal File(s): P241030A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0228	0.00405	
1	PCB-002			ND		0.0228	0.00412	
1	PCB-003			ND		0.0228	0.00766	
2	PCB-004			ND		0.0228	0.00516	
2	PCB-005			ND		0.0228	0.00551	
2	PCB-006			ND		0.0228	0.00279	
2	PCB-007			ND		0.0228	0.00267	
2	PCB-008			ND		0.0228	0.00545	
2	PCB-009			ND		0.0228	0.00108	
2	PCB-010			ND		0.0228	0.00123	
2	PCB-011			ND		0.224	0.0594	
2	PCB-012/013			ND		0.0456	0.00299	
2	PCB-014			ND		0.0228	0.00104	
2	PCB-015			ND		0.0301	0.00589	
3	PCB-016			ND		0.0228	0.00332	
3	PCB-017			ND		0.0228	0.00370	
3	PCB-018/030			ND		0.0456	0.00604	
3	PCB-019			ND		0.0228	0.00310	
3	PCB-020/028			ND		0.118	0.00685	
3	PCB-021/033			ND		0.123	0.00566	
3	PCB-022			ND		0.0867	0.00373	
3	PCB-023			ND		0.0228	0.00113	
3	PCB-024			ND		0.0228	0.00127	
3	PCB-025			ND		0.0228	0.00147	
3	PCB-026/029			ND		0.0456	0.00237	
3	PCB-027			ND		0.0228	0.00102	
3	PCB-031			ND		0.119	0.00829	
3	PCB-032			ND		0.0228	0.00277	
3	PCB-034			ND		0.0228	0.00111	
3	PCB-035			ND		0.0228	0.00113	
3	PCB-036			ND		0.0228	0.00106	
3	PCB-037			ND		0.0484	0.00276	
3	PCB-038			ND		0.0228	0.00112	
3	PCB-039			ND		0.0228	0.00144	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10711510005
Lab File ID: P241030A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 14:45
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/30/2024 20:13
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030A03
CCal File(s): P241030A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0684	0.00469	
4	PCB-042			ND		0.0228	0.00249	
4	PCB-043/073			ND		0.0456	0.00225	
4	PCB-044/047/065	26.64	0.78	0.0769		0.0684	0.00663	
4	PCB-045/051			ND		0.0456	0.00342	
4	PCB-046			ND		0.0228	0.00154	
4	PCB-048			ND		0.0228	0.00181	
4	PCB-069/049			ND		0.0456	0.00384	
4	PCB-050/053			ND		0.0456	0.00196	
4	PCB-052	25.54	0.76	0.121		0.118	0.0138	
4	PCB-054			ND		0.0228	0.00104	
4	PCB-055			ND		0.0228	0.00155	
4	PCB-056			ND		0.0228	0.00349	
4	PCB-057			ND		0.0228	0.00104	
4	PCB-058			ND		0.0228	0.00133	
4	PCB-059/062/075			ND		0.0684	0.00235	
4	PCB-060			ND		0.0228	0.00192	
4	PCB-061/070/074/076	30.68	0.77	0.121		0.0912	0.00823	
4	PCB-063			ND		0.0228	0.00089	
4	PCB-064			ND		0.0228	0.00225	
4	PCB-066			ND		0.0538	0.00429	
4	PCB-067			ND		0.0228	0.00125	
4	PCB-068			ND		0.0228	0.00114	
4	PCB-072			ND		0.0228	0.00080	
4	PCB-077			ND		0.0228	0.00138	
4	PCB-078			ND		0.0228	0.00116	
4	PCB-079			ND		0.0228	0.00080	
4	PCB-080			ND		0.0228	0.00112	
4	PCB-081			ND		0.0228	0.00076	
5	PCB-082	35.25	1.64	0.0235		0.0228	0.00138	
5	PCB-083	33.35	1.48	0.0244		0.0228	0.00119	
5	PCB-084	30.89	1.49	0.0691		0.0228	0.00238	
5	PCB-085/116/117			ND		0.0684	0.00316	
5	PCB-086/087/097/108/119/12	34.07	1.60	0.234		0.137	0.00603	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10711510005
Lab File ID: P241030A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 14:45
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/30/2024 20:13
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030A03
CCal File(s): P241030A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0456	0.00184	
5	PCB-089			ND		0.0228	0.00130	
5	PCB-090/101/113	32.87	1.60	1.01		0.0684	0.00466	
5	PCB-092	32.25	1.59	0.124		0.0228	0.00099	
5	PCB-093/098/100/102			ND		0.0912	0.00421	
5	PCB-094			ND		0.0228	0.00085	
5	PCB-095	29.74	1.54	0.698		0.0639	0.00640	
5	PCB-096			ND		0.0228	0.00086	
5	PCB-099	33.47	1.54	0.0830		0.0228	0.00192	
5	PCB-103			ND		0.0228	0.00070	
5	PCB-104			ND		0.0228	0.00131	
5	PCB-105	39.24	1.54	0.0627		0.0228	0.00293	
5	PCB-106			ND		0.0228	0.00115	
5	PCB-107/124			ND		0.0456	0.00205	
5	PCB-109			ND		0.0228	0.00145	
5	PCB-110/115	34.91	1.58	0.584		0.0456	0.00520	
5	PCB-111			ND		0.0228	0.00090	
5	PCB-112			ND		0.0228	0.00141	
5	PCB-114			ND		0.0228	0.00116	
5	PCB-118	38.04	1.50	0.236		0.0356	0.00529	
5	PCB-120			ND		0.0228	0.00087	
5	PCB-121			ND		0.0228	0.00121	
5	PCB-122			ND		0.0228	0.00125	
5	PCB-123			ND		0.0228	0.00136	
5	PCB-126			ND		0.0228	0.00073	
5	PCB-127			ND		0.0228	0.00115	
6	PCB-128/166	42.53	1.23	0.111		0.0456	0.00246	
6	PCB-129/138/163	41.24	1.24	2.56		0.0684	0.00513	
6	PCB-130	40.57	1.26	0.0799		0.0228	0.00125	
6	PCB-131			ND		0.0228	0.00151	
6	PCB-132	38.12	1.23	0.816		0.0228	0.00170	
6	PCB-133	38.66	1.43	0.0314		0.0228	0.00107	
6	PCB-134/143	37.05	1.14	0.114		0.0456	0.00281	
6	PCB-135/151	35.87	1.24	1.72		0.0456	0.00307	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10711510005
Lab File ID: P241030A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 14:45
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/30/2024 20:13
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030A03
CCal File(s): P241030A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.36	1.23	0.514		0.0228	0.00156	
6	PCB-137			ND		0.0228	0.00167	
6	PCB-139/140			ND		0.0456	0.00214	
6	PCB-141	40.15	1.27	0.821		0.0228	0.00202	
6	PCB-142			ND		0.0228	0.00140	
6	PCB-144	36.47	1.27	0.242		0.0228	0.00091	
6	PCB-145			ND		0.0228	0.00104	
6	PCB-146	39.33	1.25	0.372		0.0228	0.00129	
6	PCB-147/149	36.83	1.23	2.99		0.0456	0.00391	
6	PCB-148			ND		0.0228	0.00106	
6	PCB-150			ND		0.0228	0.00108	
6	PCB-152			ND		0.0228	0.00086	
6	PCB-153/168	39.96	1.25	2.90		0.0456	0.00307	
6	PCB-154			ND		0.0228	0.00135	
6	PCB-155			ND		0.0228	0.00119	
6	PCB-156/157	45.49	1.29	0.118		0.0456	0.00169	
6	PCB-158	41.64	1.29	0.205		0.0228	0.00125	
6	PCB-159			ND		0.0228	0.00113	
6	PCB-160			ND		0.0228	0.00129	
6	PCB-161			ND		0.0228	0.00063	
6	PCB-162			ND		0.0228	0.00114	
6	PCB-164	40.90	1.22	0.189		0.0228	0.00141	
6	PCB-165			ND		0.0228	0.00074	
6	PCB-167	44.33	1.30	0.0445		0.0228	0.00164	
6	PCB-169			ND		0.0228	0.00102	
7	PCB-170	48.17	1.04	0.798		0.0228	0.00146	
7	PCB-171/173	44.58	1.07	0.293		0.0456	0.00188	
7	PCB-172	46.22	0.99	0.165		0.0228	0.00455	
7	PCB-174	43.47	1.04	1.31		0.0228	0.00164	
7	PCB-175	42.34	1.01	0.0572		0.0228	0.00108	
7	PCB-176	39.81	1.00	0.192		0.0228	0.00090	
7	PCB-177	43.93	1.05	0.647		0.0228	0.00187	
7	PCB-178	41.69	1.04	0.279		0.0228	0.00120	
7	PCB-179	38.89	1.01	0.653		0.0228	0.00141	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10711510005
Lab File ID: P241030A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 14:45
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/30/2024 20:13
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030A03
CCal File(s): P241030A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.89	1.05	2.15		0.0456	0.00415	
7	PCB-181			ND		0.0228	0.00151	
7	PCB-182			ND		0.0228	0.00124	
7	PCB-183/185	43.26	1.03	0.808		0.0456	0.00276	
7	PCB-184			ND		0.0228	0.00064	
7	PCB-186			ND		0.0228	0.00149	
7	PCB-187	42.61	1.03	1.51		0.0228	0.00169	
7	PCB-188			ND		0.0228	0.00072	
7	PCB-189	51.34	1.07	0.0260		0.0228	0.00114	
7	PCB-190	48.72	1.04	0.176		0.0228	0.00159	
7	PCB-191	47.26	1.04	0.0373		0.0228	0.00146	
7	PCB-192			ND		0.0228	0.00147	
8	PCB-194	53.45	0.90	0.390		0.0228	0.00117	
8	PCB-195	51.11	0.90	0.181		0.0228	0.00151	
8	PCB-196	49.54	0.88	0.273		0.0228	0.00113	
8	PCB-197/200	46.02	0.86	0.101		0.0456	0.00190	
8	PCB-198/199	48.87	0.91	0.451		0.0456	0.00197	
8	PCB-201	45.00	0.89	0.0751		0.0228	0.00058	
8	PCB-202	44.06	0.89	0.0963		0.0228	0.00122	
8	PCB-203	49.74	0.90	0.313		0.0228	0.00103	
8	PCB-204			ND		0.0228	0.00117	
8	PCB-205	53.95	0.84	0.0256		0.0228	0.00141	
9	PCB-206	55.70	0.75	0.0989		0.0228	0.00202	
9	PCB-207			ND		0.0228	0.00136	
9	PCB-208			ND		0.0228	0.00121	
10	PCB-209			ND		0.0228	0.00714	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10711510005
Lab File ID: P241030A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 14:45
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/30/2024 20:13
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030A03
CCal File(s): P241030A_02

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	ND	
Total TrCB	ND	
Total TeCB	0.320	
Total PeCB	3.15	
Total HxCB	13.8	
Total HpCB	9.09	
Total OcCB	1.91	
Total NoCB	0.0989	
DeCB	ND	
Total PCBs	28.4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10711510006
Lab File ID: P241030B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 17:10
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 01:20
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115362

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.79	2.83	2.00	0.584	29	
1	PCB-003L	12.62	3.08	2.00	0.686	34	
2	PCB-004L	12.92	1.46	2.00	0.652	33	
2	PCB-015L	20.06	1.58	2.00	0.847	42	
3	PCB-019L	16.76	1.05	2.00	0.660	33	
3	PCB-037L	27.88	1.07	2.00	1.11	56	
4	PCB-054L	20.39	0.78	2.00	0.582	29	
4	PCB-077L	35.60	0.79	2.00	1.47	73	
4	PCB-081L	35.02	0.81	2.00	1.40	70	
5	PCB-104L	26.53	1.61	2.00	0.700	35	
5	PCB-105L	39.21	1.59	2.00	1.40	70	
5	PCB-114L	38.56	1.64	2.00	1.40	70	
5	PCB-118L	38.00	1.59	2.00	1.39	69	
5	PCB-123L	37.67	1.60	2.00	1.40	70	
5	PCB-126L	42.40	1.64	2.00	1.45	73	
6	PCB-155L	32.60	1.27	2.00	0.937	47	
6	PCB-156/157L	45.47	1.29	4.00	2.79	70	
6	PCB-167L	44.28	1.27	2.00	1.44	72	
6	PCB-169L	48.77	1.29	2.00	1.46	73	
7	PCB-188L	38.52	1.05	2.00	1.34	67	
7	PCB-189L	51.30	1.08	2.00	1.49	74	
8	PCB-202L	44.01	0.90	2.00	1.38	69	
8	PCB-205L	53.91	0.89	2.00	1.36	68	
9	PCB-206L	55.65	0.81	2.00	1.27	63	
9	PCB-208L	50.80	0.78	2.00	1.37	69	
10	PCB-209L	57.27	0.72	2.00	1.26	63	
Recovery Standards							
2	PCB-009L	15.40	1.58	2.00	2.22	N/A	
4	PCB-052L	25.50	0.78	2.00	2.59	N/A	
5	PCB-101L	32.82	1.59	2.00	2.59	N/A	
6	PCB-138L	41.19	1.30	2.00	2.63	N/A	
8	PCB-194L	53.41	0.89	2.00	2.58	N/A	
Cleanup Standards							
3	PCB-028L	23.50	1.08	2.00	1.26	63	
5	PCB-111L	35.63	1.60	2.00	1.41	71	
7	PCB-178L	41.64	1.03	2.00	1.52	76	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10711510006
Lab File ID: P241030B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 17:10
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 01:20
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)	
1	PCB-001			ND		0.0232	0.00412		
1	PCB-002			ND		0.0232	0.00419		
1	PCB-003			ND		0.0232	0.00780		
2	PCB-004	12.94	1.23 *		IA	0.0232	0.00525	0.0361	UX
2	PCB-005			ND		0.0232	0.00561		
2	PCB-006			ND		0.0232	0.00284		
2	PCB-007			ND		0.0232	0.00272		
2	PCB-008			ND		0.0232	0.00555		
2	PCB-009			ND		0.0232	0.00110		
2	PCB-010			ND		0.0232	0.00125		
2	PCB-011			ND		0.227	0.0605		
2	PCB-012/013			ND		0.0464	0.00304		
2	PCB-014			ND		0.0232	0.00106		
2	PCB-015			ND		0.0306	0.00599		
3	PCB-016			ND		0.0232	0.00338		
3	PCB-017			ND		0.0232	0.00376		
3	PCB-018/030			ND		0.0464	0.00615		
3	PCB-019	16.78	1.05	0.0271		0.0232	0.00316		
3	PCB-020/028			ND		0.120	0.00698		
3	PCB-021/033			ND		0.125	0.00576		
3	PCB-022			ND		0.0882	0.00380		
3	PCB-023			ND		0.0232	0.00115		
3	PCB-024			ND		0.0232	0.00129		
3	PCB-025			ND		0.0232	0.00150		
3	PCB-026/029			ND		0.0464	0.00241		
3	PCB-027			ND		0.0232	0.00104		
3	PCB-031			ND		0.121	0.00844		
3	PCB-032			ND		0.0232	0.00282		
3	PCB-034			ND		0.0232	0.00113		
3	PCB-035			ND		0.0232	0.00115		
3	PCB-036			ND		0.0232	0.00108		
3	PCB-037			ND		0.0492	0.00281		
3	PCB-038			ND		0.0232	0.00114		
3	PCB-039			ND		0.0232	0.00146		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10711510006
Lab File ID: P241030B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 17:10
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 01:20
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0696	0.00477	
4	PCB-042			ND		0.0232	0.00253	
4	PCB-043/073			ND		0.0464	0.00229	
4	PCB-044/047/065	26.66	0.77	0.130		0.0696	0.00674	
4	PCB-045/051			ND		0.0464	0.00348	
4	PCB-046			ND		0.0232	0.00157	
4	PCB-048			ND		0.0232	0.00185	
4	PCB-069/049	26.05	0.77	0.0823		0.0464	0.00391	
4	PCB-050/053			ND		0.0464	0.00200	
4	PCB-052			ND		0.120	0.0140	
4	PCB-054			ND		0.0232	0.00106	
4	PCB-055			ND		0.0232	0.00158	
4	PCB-056			ND		0.0232	0.00355	
4	PCB-057			ND		0.0232	0.00106	
4	PCB-058			ND		0.0232	0.00136	
4	PCB-059/062/075			ND		0.0696	0.00239	
4	PCB-060			ND		0.0232	0.00195	
4	PCB-061/070/074/076			ND		0.0929	0.00838	
4	PCB-063			ND		0.0232	0.00091	
4	PCB-064			ND		0.0232	0.00229	
4	PCB-066			ND		0.0548	0.00436	
4	PCB-067			ND		0.0232	0.00128	
4	PCB-068			ND		0.0232	0.00116	
4	PCB-072			ND		0.0232	0.00081	
4	PCB-077			ND		0.0232	0.00140	
4	PCB-078			ND		0.0232	0.00118	
4	PCB-079			ND		0.0232	0.00081	
4	PCB-080			ND		0.0232	0.00114	
4	PCB-081			ND		0.0232	0.00077	
5	PCB-082			ND		0.0232	0.00140	
5	PCB-083			ND		0.0232	0.00121	
5	PCB-084			ND		0.0232	0.00243	
5	PCB-085/116/117			ND		0.0696	0.00322	
5	PCB-086/087/097/108/119/12			ND		0.139	0.00614	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10711510006
Lab File ID: P241030B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 17:10
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 01:20
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0464	0.00187	
5	PCB-089			ND		0.0232	0.00132	
5	PCB-090/101/113	32.85	1.56	0.253		0.0696	0.00475	
5	PCB-092	32.23	1.53	0.0511		0.0232	0.00101	
5	PCB-093/098/100/102			ND		0.0929	0.00428	
5	PCB-094			ND		0.0232	0.00086	
5	PCB-095	29.73	1.57	0.171		0.0650	0.00651	
5	PCB-096			ND		0.0232	0.00087	
5	PCB-099	33.47	1.50	0.0628		0.0232	0.00195	
5	PCB-103			ND		0.0232	0.00071	
5	PCB-104			ND		0.0232	0.00133	
5	PCB-105			ND		0.0232	0.00298	
5	PCB-106			ND		0.0232	0.00117	
5	PCB-107/124			ND		0.0464	0.00209	
5	PCB-109			ND		0.0232	0.00147	
5	PCB-110/115	34.91	1.54	0.160		0.0464	0.00529	
5	PCB-111			ND		0.0232	0.00091	
5	PCB-112			ND		0.0232	0.00144	
5	PCB-114			ND		0.0232	0.00118	
5	PCB-118	38.04	1.64	0.0737		0.0362	0.00539	
5	PCB-120			ND		0.0232	0.00089	
5	PCB-121			ND		0.0232	0.00123	
5	PCB-122			ND		0.0232	0.00128	
5	PCB-123			ND		0.0232	0.00138	
5	PCB-126			ND		0.0232	0.00074	
5	PCB-127			ND		0.0232	0.00117	
6	PCB-128/166			ND		0.0464	0.00251	
6	PCB-129/138/163	41.22	1.23	0.476		0.0696	0.00522	
6	PCB-130			ND		0.0232	0.00128	
6	PCB-131			ND		0.0232	0.00153	
6	PCB-132	38.12	1.21	0.137		0.0232	0.00173	
6	PCB-133			ND		0.0232	0.00109	
6	PCB-134/143			ND		0.0464	0.00286	
6	PCB-135/151	35.87	1.23	0.303		0.0464	0.00312	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10711510006
Lab File ID: P241030B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 17:10
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 01:20
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.35	1.23	0.0835		0.0232	0.00159	
6	PCB-137			ND		0.0232	0.00169	
6	PCB-139/140			ND		0.0464	0.00218	
6	PCB-141	40.13	1.28	0.133		0.0232	0.00205	
6	PCB-142			ND		0.0232	0.00143	
6	PCB-144	36.45	1.31	0.0387		0.0232	0.00093	
6	PCB-145			ND		0.0232	0.00106	
6	PCB-146	39.31	1.27	0.0852		0.0232	0.00131	
6	PCB-147/149	36.83	1.24	0.516		0.0464	0.00398	
6	PCB-148			ND		0.0232	0.00108	
6	PCB-150			ND		0.0232	0.00110	
6	PCB-152			ND		0.0232	0.00088	
6	PCB-153/168	39.95	1.23	0.567		0.0464	0.00312	
6	PCB-154			ND		0.0232	0.00137	
6	PCB-155			ND		0.0232	0.00121	
6	PCB-156/157			ND		0.0464	0.00172	
6	PCB-158	41.62	1.30	0.0395		0.0232	0.00128	
6	PCB-159			ND		0.0232	0.00115	
6	PCB-160			ND		0.0232	0.00131	
6	PCB-161			ND		0.0232	0.00064	
6	PCB-162			ND		0.0232	0.00116	
6	PCB-164	40.89	1.24	0.0395		0.0232	0.00144	
6	PCB-165			ND		0.0232	0.00075	
6	PCB-167			ND		0.0232	0.00167	
6	PCB-169			ND		0.0232	0.00104	
7	PCB-170	48.15	1.00	0.141		0.0232	0.00149	
7	PCB-171/173	44.56	1.06	0.0476		0.0464	0.00192	
7	PCB-172	46.21	1.02	0.0295		0.0232	0.00463	
7	PCB-174	43.46	1.05	0.210		0.0232	0.00167	
7	PCB-175			ND		0.0232	0.00110	
7	PCB-176	39.80	1.01	0.0280		0.0232	0.00092	
7	PCB-177	43.91	0.99	0.110		0.0232	0.00190	
7	PCB-178	41.67	1.12	0.0507		0.0232	0.00122	
7	PCB-179	38.89	1.00	0.0969		0.0232	0.00144	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10711510006
Lab File ID: P241030B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 17:10
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 01:20
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.88	1.03	0.365		0.0464	0.00422	
7	PCB-181			ND		0.0232	0.00153	
7	PCB-182			ND		0.0232	0.00127	
7	PCB-183/185	43.24	1.02	0.138		0.0464	0.00281	
7	PCB-184			ND		0.0232	0.00065	
7	PCB-186			ND		0.0232	0.00152	
7	PCB-187	42.60	1.03	0.252		0.0232	0.00172	
7	PCB-188			ND		0.0232	0.00073	
7	PCB-189			ND		0.0232	0.00116	
7	PCB-190	48.71	1.03	0.0351		0.0232	0.00161	
7	PCB-191			ND		0.0232	0.00149	
7	PCB-192			ND		0.0232	0.00150	
8	PCB-194	53.43	0.90	0.0751		0.0232	0.00120	
8	PCB-195	51.08	0.91	0.0368		0.0232	0.00153	
8	PCB-196	49.53	0.90	0.0463		0.0232	0.00115	
8	PCB-197/200			ND		0.0464	0.00194	
8	PCB-198/199	48.86	0.84	0.0875		0.0464	0.00201	
8	PCB-201			ND		0.0232	0.00059	
8	PCB-202			ND		0.0232	0.00124	
8	PCB-203	49.73	0.81	0.0554		0.0232	0.00104	
8	PCB-204			ND		0.0232	0.00120	
8	PCB-205			ND		0.0232	0.00144	
9	PCB-206			ND		0.0232	0.00205	
9	PCB-207			ND		0.0232	0.00138	
9	PCB-208			ND		0.0232	0.00123	
10	PCB-209			ND		0.0232	0.00727	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10711510006
Lab File ID: P241030B_04
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 17:10
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 01:20
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	ND	
Total TrCB	0.0271	
Total TeCB	0.212	
Total PeCB	0.772	
Total HxCB	2.42	
Total HpCB	1.50	
Total OcCB	0.301	
Total NoCB	ND	
DeCB	ND	
Total PCBs	5.23	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10711510007
Lab File ID: P241030B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 12:50
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 02:22
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115362

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.92	3.07	2.00	0.543	27	
1	PCB-003L	12.73	3.13	2.00	0.673	34	
2	PCB-004L	13.02	1.53	2.00	0.622	31	
2	PCB-015L	20.12	1.60	2.00	0.885	44	
3	PCB-019L	16.84	1.06	2.00	0.634	32	
3	PCB-037L	27.92	1.06	2.00	1.12	56	
4	PCB-054L	20.44	0.80	2.00	0.583	29	
4	PCB-077L	35.63	0.80	2.00	1.55	77	
4	PCB-081L	35.06	0.79	2.00	1.49	74	
5	PCB-104L	26.57	1.56	2.00	0.572	29	
5	PCB-105L	39.24	1.63	2.00	1.50	75	
5	PCB-114L	38.58	1.62	2.00	1.50	75	
5	PCB-118L	38.03	1.60	2.00	1.46	73	
5	PCB-123L	37.69	1.59	2.00	1.46	73	
5	PCB-126L	42.42	1.63	2.00	1.54	77	
6	PCB-155L	32.63	1.25	2.00	0.782	39	
6	PCB-156/157L	45.50	1.29	4.00	3.04	76	
6	PCB-167L	44.30	1.30	2.00	1.54	77	
6	PCB-169L	48.80	1.30	2.00	1.51	76	
7	PCB-188L	38.55	1.04	2.00	1.42	71	
7	PCB-189L	51.34	1.08	2.00	1.60	80	
8	PCB-202L	44.04	0.89	2.00	1.53	76	
8	PCB-205L	53.94	0.89	2.00	1.39	69	
9	PCB-206L	55.69	0.79	2.00	1.32	66	
9	PCB-208L	50.84	0.79	2.00	1.50	75	
10	PCB-209L	57.28	0.71	2.00	1.33	66	
Recovery Standards							
2	PCB-009L	15.48	1.60	2.00	2.00	N/A	
4	PCB-052L	25.53	0.78	2.00	2.28	N/A	
5	PCB-101L	32.84	1.60	2.00	2.33	N/A	
6	PCB-138L	41.21	1.26	2.00	2.39	N/A	
8	PCB-194L	53.45	0.90	2.00	2.18	N/A	
Cleanup Standards							
3	PCB-028L	23.54	1.06	2.00	1.51	76	
5	PCB-111L	35.66	1.59	2.00	1.59	79	
7	PCB-178L	41.67	1.04	2.00	1.67	84	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10711510007
Lab File ID: P241030B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 12:50
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 02:22
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0236	0.00419	
1	PCB-002			ND		0.0236	0.00426	
1	PCB-003			ND		0.0236	0.00793	
2	PCB-004	13.04	1.35	0.0558		0.0236	0.00534	
2	PCB-005			ND		0.0236	0.00570	
2	PCB-006			ND		0.0236	0.00289	
2	PCB-007			ND		0.0236	0.00276	
2	PCB-008			ND		0.0236	0.00564	
2	PCB-009			ND		0.0236	0.00112	
2	PCB-010			ND		0.0236	0.00127	
2	PCB-011			ND		0.231	0.0615	
2	PCB-012/013			ND		0.0472	0.00309	
2	PCB-014			ND		0.0236	0.00108	
2	PCB-015			ND		0.0312	0.00609	
3	PCB-016			ND		0.0236	0.00344	
3	PCB-017			ND		0.0236	0.00382	
3	PCB-018/030			ND		0.0472	0.00626	
3	PCB-019	16.86	0.98	0.0412		0.0236	0.00321	
3	PCB-020/028			ND		0.122	0.00709	
3	PCB-021/033			ND		0.127	0.00586	
3	PCB-022			ND		0.0897	0.00386	
3	PCB-023			ND		0.0236	0.00117	
3	PCB-024			ND		0.0236	0.00131	
3	PCB-025			ND		0.0236	0.00152	
3	PCB-026/029			ND		0.0472	0.00246	
3	PCB-027			ND		0.0236	0.00105	
3	PCB-031			ND		0.123	0.00858	
3	PCB-032			ND		0.0236	0.00287	
3	PCB-034			ND		0.0236	0.00115	
3	PCB-035			ND		0.0236	0.00117	
3	PCB-036			ND		0.0236	0.00110	
3	PCB-037			ND		0.0501	0.00286	
3	PCB-038			ND		0.0236	0.00116	
3	PCB-039			ND		0.0236	0.00149	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10711510007
Lab File ID: P241030B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 12:50
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 02:22
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0708	0.00485	
4	PCB-042			ND		0.0236	0.00257	
4	PCB-043/073			ND		0.0472	0.00233	
4	PCB-044/047/065	26.69	0.78	0.179		0.0708	0.00686	
4	PCB-045/051			ND		0.0472	0.00354	
4	PCB-046			ND		0.0236	0.00159	
4	PCB-048			ND		0.0236	0.00188	
4	PCB-069/049	26.09	0.77	0.107		0.0472	0.00398	
4	PCB-050/053	22.89	0.79	0.0536		0.0472	0.00203	
4	PCB-052			ND		0.122	0.0143	
4	PCB-054			ND		0.0236	0.00108	
4	PCB-055			ND		0.0236	0.00161	
4	PCB-056			ND		0.0236	0.00361	
4	PCB-057			ND		0.0236	0.00108	
4	PCB-058			ND		0.0236	0.00138	
4	PCB-059/062/075			ND		0.0708	0.00243	
4	PCB-060			ND		0.0236	0.00198	
4	PCB-061/070/074/076			ND		0.0944	0.00852	
4	PCB-063			ND		0.0236	0.00092	
4	PCB-064			ND		0.0236	0.00233	
4	PCB-066			ND		0.0557	0.00444	
4	PCB-067			ND		0.0236	0.00130	
4	PCB-068			ND		0.0236	0.00118	
4	PCB-072			ND		0.0236	0.00083	
4	PCB-077			ND		0.0236	0.00143	
4	PCB-078			ND		0.0236	0.00120	
4	PCB-079			ND		0.0236	0.00083	
4	PCB-080			ND		0.0236	0.00116	
4	PCB-081			ND		0.0236	0.00079	
5	PCB-082			ND		0.0236	0.00143	
5	PCB-083			ND		0.0236	0.00123	
5	PCB-084			ND		0.0236	0.00247	
5	PCB-085/116/117			ND		0.0708	0.00327	
5	PCB-086/087/097/108/119/12			ND		0.142	0.00624	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10711510007
Lab File ID: P241030B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 12:50
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 02:22
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0472	0.00190	
5	PCB-089			ND		0.0236	0.00135	
5	PCB-090/101/113	32.87	1.57	0.154		0.0708	0.00483	
5	PCB-092	32.26	1.55	0.0503		0.0236	0.00102	
5	PCB-093/098/100/102			ND		0.0944	0.00436	
5	PCB-094			ND		0.0236	0.00087	
5	PCB-095	29.76	1.56	0.103		0.0661	0.00662	
5	PCB-096			ND		0.0236	0.00089	
5	PCB-099	33.49	1.60	0.0717		0.0236	0.00198	
5	PCB-103			ND		0.0236	0.00073	
5	PCB-104			ND		0.0236	0.00136	
5	PCB-105			ND		0.0236	0.00303	
5	PCB-106			ND		0.0236	0.00119	
5	PCB-107/124			ND		0.0472	0.00212	
5	PCB-109			ND		0.0236	0.00150	
5	PCB-110/115	34.93	1.49	0.102		0.0472	0.00538	
5	PCB-111			ND		0.0236	0.00093	
5	PCB-112			ND		0.0236	0.00146	
5	PCB-114			ND		0.0236	0.00120	
5	PCB-118	38.06	1.49	0.0394		0.0368	0.00548	
5	PCB-120			ND		0.0236	0.00090	
5	PCB-121			ND		0.0236	0.00125	
5	PCB-122			ND		0.0236	0.00130	
5	PCB-123			ND		0.0236	0.00140	
5	PCB-126			ND		0.0236	0.00075	
5	PCB-127			ND		0.0236	0.00119	
6	PCB-128/166			ND		0.0472	0.00255	
6	PCB-129/138/163	41.25	1.23	0.237		0.0708	0.00531	
6	PCB-130			ND		0.0236	0.00130	
6	PCB-131			ND		0.0236	0.00156	
6	PCB-132	38.15	1.19	0.0565		0.0236	0.00176	
6	PCB-133			ND		0.0236	0.00111	
6	PCB-134/143			ND		0.0472	0.00290	
6	PCB-135/151	35.89	1.24	0.150		0.0472	0.00318	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10711510007
Lab File ID: P241030B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 12:50
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 02:22
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.37	1.27	0.0363		0.0236	0.00162	
6	PCB-137			ND		0.0236	0.00172	
6	PCB-139/140			ND		0.0472	0.00222	
6	PCB-141	40.16	1.24	0.0413		0.0236	0.00209	
6	PCB-142			ND		0.0236	0.00145	
6	PCB-144			ND		0.0236	0.00095	
6	PCB-145			ND		0.0236	0.00108	
6	PCB-146	39.34	1.19	0.0612		0.0236	0.00133	
6	PCB-147/149	36.85	1.25	0.248	U	0.0472	0.00405	
6	PCB-148			ND		0.0236	0.00110	
6	PCB-150			ND		0.0236	0.00112	
6	PCB-152			ND		0.0236	0.00089	
6	PCB-153/168	39.97	1.24	0.280		0.0472	0.00318	
6	PCB-154			ND		0.0236	0.00139	
6	PCB-155			ND		0.0236	0.00123	
6	PCB-156/157			ND		0.0472	0.00175	
6	PCB-158			ND		0.0236	0.00130	
6	PCB-159			ND		0.0236	0.00117	
6	PCB-160			ND		0.0236	0.00133	
6	PCB-161			ND		0.0236	0.00065	
6	PCB-162			ND		0.0236	0.00118	
6	PCB-164			ND		0.0236	0.00146	
6	PCB-165			ND		0.0236	0.00076	
6	PCB-167			ND		0.0236	0.00170	
6	PCB-169			ND		0.0236	0.00106	
7	PCB-170	48.19	1.00	0.0517		0.0236	0.00151	
7	PCB-171/173			ND		0.0472	0.00195	
7	PCB-172			ND		0.0236	0.00471	
7	PCB-174	43.50	1.12	0.0729	U	0.0236	0.00170	
7	PCB-175			ND		0.0236	0.00112	
7	PCB-176			ND		0.0236	0.00093	
7	PCB-177	43.95	1.00	0.0500		0.0236	0.00194	
7	PCB-178	41.70	1.00	0.0247		0.0236	0.00124	
7	PCB-179	38.92	1.00	0.0382		0.0236	0.00146	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10711510007
Lab File ID: P241030B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 12:50
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 02:22
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.90	1.06	0.124	U	0.0472	0.00430	
7	PCB-181			ND		0.0236	0.00156	
7	PCB-182			ND		0.0236	0.00129	
7	PCB-183/185			ND		0.0472	0.00286	
7	PCB-184			ND		0.0236	0.00066	
7	PCB-186			ND		0.0236	0.00155	
7	PCB-187	42.62	1.07	0.106	U	0.0236	0.00175	
7	PCB-188			ND		0.0236	0.00074	
7	PCB-189			ND		0.0236	0.00118	
7	PCB-190			ND		0.0236	0.00164	
7	PCB-191			ND		0.0236	0.00151	
7	PCB-192			ND		0.0236	0.00152	
8	PCB-194			ND		0.0236	0.00122	
8	PCB-195			ND		0.0236	0.00156	
8	PCB-196			ND		0.0236	0.00117	
8	PCB-197/200			ND		0.0472	0.00197	
8	PCB-198/199			ND		0.0472	0.00204	
8	PCB-201			ND		0.0236	0.00060	
8	PCB-202			ND		0.0236	0.00126	
8	PCB-203			ND		0.0236	0.00106	
8	PCB-204			ND		0.0236	0.00122	
8	PCB-205			ND		0.0236	0.00146	
9	PCB-206			ND		0.0236	0.00209	
9	PCB-207			ND		0.0236	0.00140	
9	PCB-208			ND		0.0236	0.00125	
10	PCB-209			ND		0.0236	0.00739	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10711510007
Lab File ID: P241030B_05
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 12:50
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 02:22
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0558	
Total TrCB	0.0412	
Total TeCB	0.339	
Total PeCB	0.521	
Total HxCB	1.11	
Total HpCB	0.467	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	2.53	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10711510008
Lab File ID: P241030B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 18:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 03:23
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115362

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.94	3.03	2.00	0.739	37	
1	PCB-003L	12.75	2.93	2.00	0.905	45	
2	PCB-004L	13.04	1.52	2.00	0.829	41	
2	PCB-015L	20.13	1.59	2.00	1.23	62	
3	PCB-019L	16.85	1.05	2.00	0.889	44	
3	PCB-037L	27.91	1.06	2.00	1.51	76	
4	PCB-054L	20.44	0.79	2.00	0.881	44	
4	PCB-077L	35.63	0.81	2.00	1.73	87	
4	PCB-081L	35.06	0.81	2.00	1.75	87	
5	PCB-104L	26.56	1.58	2.00	1.08	54	
5	PCB-105L	39.24	1.63	2.00	1.63	81	
5	PCB-114L	38.59	1.62	2.00	1.65	82	
5	PCB-118L	38.04	1.59	2.00	1.64	82	
5	PCB-123L	37.70	1.60	2.00	1.63	82	
5	PCB-126L	42.43	1.58	2.00	1.68	84	
6	PCB-155L	32.63	1.27	2.00	1.39	70	
6	PCB-156/157L	45.50	1.30	4.00	3.44	86	
6	PCB-167L	44.31	1.28	2.00	1.74	87	
6	PCB-169L	48.81	1.26	2.00	1.64	82	
7	PCB-188L	38.56	1.04	2.00	1.71	85	
7	PCB-189L	51.34	1.06	2.00	1.69	84	
8	PCB-202L	44.04	0.90	2.00	1.68	84	
8	PCB-205L	53.95	0.91	2.00	1.52	76	
9	PCB-206L	55.70	0.80	2.00	1.39	70	
9	PCB-208L	50.85	0.80	2.00	1.63	81	
10	PCB-209L	57.29	0.72	2.00	1.31	66	
Recovery Standards							
2	PCB-009L	15.50	1.59	2.00	2.01	N/A	
4	PCB-052L	25.53	0.78	2.00	2.33	N/A	
5	PCB-101L	32.85	1.55	2.00	2.35	N/A	
6	PCB-138L	41.22	1.26	2.00	2.27	N/A	
8	PCB-194L	53.45	0.92	2.00	2.08	N/A	
Cleanup Standards							
3	PCB-028L	23.55	1.04	2.00	1.57	79	
5	PCB-111L	35.67	1.56	2.00	1.55	77	
7	PCB-178L	41.67	1.05	2.00	1.76	88	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10711510008
Lab File ID: P241030B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 18:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 03:23
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0231	0.00411	
1	PCB-002			ND		0.0231	0.00418	
1	PCB-003			ND		0.0231	0.00778	
2	PCB-004	13.05	1.41	0.0976		0.0231	0.00523	
2	PCB-005			ND		0.0231	0.00559	
2	PCB-006			ND		0.0231	0.00283	
2	PCB-007			ND		0.0231	0.00271	
2	PCB-008			ND		0.0231	0.00553	
2	PCB-009			ND		0.0231	0.00109	
2	PCB-010			ND		0.0231	0.00125	
2	PCB-011			ND		0.227	0.0603	
2	PCB-012/013			ND		0.0463	0.00303	
2	PCB-014			ND		0.0231	0.00106	
2	PCB-015			ND		0.0305	0.00597	
3	PCB-016			ND		0.0231	0.00337	
3	PCB-017			ND		0.0231	0.00375	
3	PCB-018/030			ND		0.0463	0.00613	
3	PCB-019	16.87	1.08	0.0570		0.0231	0.00315	
3	PCB-020/028			ND		0.119	0.00695	
3	PCB-021/033			ND		0.125	0.00574	
3	PCB-022			ND		0.0879	0.00378	
3	PCB-023			ND		0.0231	0.00115	
3	PCB-024			ND		0.0231	0.00128	
3	PCB-025			ND		0.0231	0.00149	
3	PCB-026/029			ND		0.0463	0.00241	
3	PCB-027			ND		0.0231	0.00103	
3	PCB-031			ND		0.120	0.00841	
3	PCB-032			ND		0.0231	0.00281	
3	PCB-034			ND		0.0231	0.00113	
3	PCB-035			ND		0.0231	0.00114	
3	PCB-036			ND		0.0231	0.00108	
3	PCB-037			ND		0.0491	0.00280	
3	PCB-038			ND		0.0231	0.00114	
3	PCB-039			ND		0.0231	0.00146	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10711510008
Lab File ID: P241030B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 18:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 03:23
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0694	0.00476	
4	PCB-042			ND		0.0231	0.00252	
4	PCB-043/073			ND		0.0463	0.00228	
4	PCB-044/047/065	26.70	0.79	0.237		0.0694	0.00672	
4	PCB-045/051			ND		0.0463	0.00347	
4	PCB-046			ND		0.0231	0.00156	
4	PCB-048			ND		0.0231	0.00184	
4	PCB-069/049	26.10	0.77	0.144		0.0463	0.00390	
4	PCB-050/053	22.90	0.78	0.0731		0.0463	0.00199	
4	PCB-052	25.56	0.78	0.138		0.119	0.0140	
4	PCB-054			ND		0.0231	0.00106	
4	PCB-055			ND		0.0231	0.00157	
4	PCB-056			ND		0.0231	0.00354	
4	PCB-057			ND		0.0231	0.00106	
4	PCB-058			ND		0.0231	0.00135	
4	PCB-059/062/075			ND		0.0694	0.00238	
4	PCB-060			ND		0.0231	0.00194	
4	PCB-061/070/074/076			ND		0.0926	0.00835	
4	PCB-063			ND		0.0231	0.00090	
4	PCB-064			ND		0.0231	0.00228	
4	PCB-066			ND		0.0546	0.00435	
4	PCB-067			ND		0.0231	0.00127	
4	PCB-068			ND		0.0231	0.00116	
4	PCB-072			ND		0.0231	0.00081	
4	PCB-077			ND		0.0231	0.00140	
4	PCB-078			ND		0.0231	0.00118	
4	PCB-079			ND		0.0231	0.00081	
4	PCB-080			ND		0.0231	0.00114	
4	PCB-081			ND		0.0231	0.00077	
5	PCB-082			ND		0.0231	0.00140	
5	PCB-083			ND		0.0231	0.00120	
5	PCB-084	30.92	1.43	0.0279		0.0231	0.00242	
5	PCB-085/116/117			ND		0.0694	0.00321	
5	PCB-086/087/097/108/119/12			ND		0.139	0.00612	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10711510008
Lab File ID: P241030B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 18:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 03:23
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.68	1.46	0.0491		0.0463	0.00186	
5	PCB-089			ND		0.0231	0.00132	
5	PCB-090/101/113	32.88	1.56	0.295		0.0694	0.00473	
5	PCB-092	32.26	1.53	0.0758		0.0231	0.00100	
5	PCB-093/098/100/102			ND		0.0926	0.00427	
5	PCB-094			ND		0.0231	0.00086	
5	PCB-095	29.76	1.62	0.204		0.0648	0.00649	
5	PCB-096			ND		0.0231	0.00087	
5	PCB-099	33.50	1.60	0.102		0.0231	0.00194	
5	PCB-103			ND		0.0231	0.00071	
5	PCB-104			ND		0.0231	0.00133	
5	PCB-105	39.28	1.50	0.0259		0.0231	0.00297	
5	PCB-106			ND		0.0231	0.00117	
5	PCB-107/124			ND		0.0463	0.00208	
5	PCB-109			ND		0.0231	0.00147	
5	PCB-110/115	34.94	1.58	0.199		0.0463	0.00528	
5	PCB-111			ND		0.0231	0.00091	
5	PCB-112			ND		0.0231	0.00143	
5	PCB-114			ND		0.0231	0.00118	
5	PCB-118	38.07	1.56	0.0896		0.0361	0.00537	
5	PCB-120			ND		0.0231	0.00088	
5	PCB-121			ND		0.0231	0.00123	
5	PCB-122			ND		0.0231	0.00127	
5	PCB-123			ND		0.0231	0.00138	
5	PCB-126			ND		0.0231	0.00074	
5	PCB-127			ND		0.0231	0.00117	
6	PCB-128/166			ND		0.0463	0.00250	
6	PCB-129/138/163	41.25	1.26	0.541		0.0694	0.00521	
6	PCB-130	40.58	1.24	0.0264		0.0231	0.00127	
6	PCB-131			ND		0.0231	0.00153	
6	PCB-132	38.15	1.24	0.140		0.0231	0.00172	
6	PCB-133			ND		0.0231	0.00109	
6	PCB-134/143			ND		0.0463	0.00285	
6	PCB-135/151	35.90	1.24	0.321		0.0463	0.00311	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10711510008
Lab File ID: P241030B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 18:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 03:23
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.38	1.23	0.0873		0.0231	0.00159	
6	PCB-137			ND		0.0231	0.00169	
6	PCB-139/140			ND		0.0463	0.00218	
6	PCB-141	40.16	1.30	0.125		0.0231	0.00205	
6	PCB-142			ND		0.0231	0.00142	
6	PCB-144	36.49	1.31	0.0334		0.0231	0.00093	
6	PCB-145			ND		0.0231	0.00106	
6	PCB-146	39.34	1.23	0.104		0.0231	0.00131	
6	PCB-147/149	36.84	1.25	0.555		0.0463	0.00397	
6	PCB-148			ND		0.0231	0.00108	
6	PCB-150			ND		0.0231	0.00110	
6	PCB-152			ND		0.0231	0.00088	
6	PCB-153/168	39.98	1.23	0.603		0.0463	0.00311	
6	PCB-154			ND		0.0231	0.00137	
6	PCB-155			ND		0.0231	0.00120	
6	PCB-156/157			ND		0.0463	0.00171	
6	PCB-158	41.67	1.31	0.0389		0.0231	0.00127	
6	PCB-159			ND		0.0231	0.00115	
6	PCB-160			ND		0.0231	0.00131	
6	PCB-161			ND		0.0231	0.00064	
6	PCB-162			ND		0.0231	0.00116	
6	PCB-164	40.92	1.20	0.0408		0.0231	0.00143	
6	PCB-165			ND		0.0231	0.00075	
6	PCB-167			ND		0.0231	0.00167	
6	PCB-169			ND		0.0231	0.00104	
7	PCB-170	48.20	1.01	0.175		0.0231	0.00148	
7	PCB-171/173	44.60	1.03	0.0598		0.0463	0.00191	
7	PCB-172	46.24	1.04	0.0389		0.0231	0.00462	
7	PCB-174	43.49	1.05	0.248		0.0231	0.00167	
7	PCB-175			ND		0.0231	0.00110	
7	PCB-176	39.83	1.09	0.0302		0.0231	0.00091	
7	PCB-177	43.94	1.02	0.140		0.0231	0.00190	
7	PCB-178	41.71	1.06	0.0640		0.0231	0.00121	
7	PCB-179	38.91	1.05	0.113		0.0231	0.00143	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10711510008
Lab File ID: P241030B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 18:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 03:23
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.91	1.04	0.460		0.0463	0.00421	
7	PCB-181			ND		0.0231	0.00153	
7	PCB-182			ND		0.0231	0.00126	
7	PCB-183/185	43.27	1.09	0.157		0.0463	0.00280	
7	PCB-184			ND		0.0231	0.00065	
7	PCB-186			ND		0.0231	0.00152	
7	PCB-187	42.63	1.05	0.314		0.0231	0.00171	
7	PCB-188			ND		0.0231	0.00073	
7	PCB-189			ND		0.0231	0.00116	
7	PCB-190	48.74	0.99	0.0412		0.0231	0.00161	
7	PCB-191			ND		0.0231	0.00148	
7	PCB-192			ND		0.0231	0.00149	
8	PCB-194	53.48	0.85	0.0912		0.0231	0.00119	
8	PCB-195	51.13	0.95	0.0452		0.0231	0.00153	
8	PCB-196	49.56	0.92	0.0589		0.0231	0.00114	
8	PCB-197/200			ND		0.0463	0.00193	
8	PCB-198/199	48.89	0.91	0.0958		0.0463	0.00200	
8	PCB-201			ND		0.0231	0.00059	
8	PCB-202			ND		0.0231	0.00124	
8	PCB-203	49.78	0.90	0.0716		0.0231	0.00104	
8	PCB-204			ND		0.0231	0.00119	
8	PCB-205			ND		0.0231	0.00143	
9	PCB-206	55.72	0.72	0.0261		0.0231	0.00205	
9	PCB-207			ND		0.0231	0.00138	
9	PCB-208			ND		0.0231	0.00123	
10	PCB-209			ND		0.0231	0.00724	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10711510008
Lab File ID: P241030B_06
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 18:30
Date Received: 10/11/2024 09:30
Date Extracted: 10/24/2024 14:00
Date Analyzed: 10/31/2024 03:23
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1730mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241030B02
CCal File(s): P241030B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0976	
Total TrCB	0.0570	
Total TeCB	0.591	
Total PeCB	1.07	
Total HxCB	2.62	
Total HpCB	1.84	
Total OcCB	0.363	
Total NoCB	0.0261	
DeCB	ND	
Total PCBs	6.66	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Report No.: 10711985_166BC_L4_01

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO#: 10711985

10711985

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30224932.3000	Invoice to: Arcadis U.S. Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accounts.payable/administration@arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [✓] ET	County / State origin of sample(s): Pittsfield, MA
Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____ Date Results Requested:
	DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	PCB Aroclor 8	Sample Comment
Rising Pond Dam	WT		10/9/24	11:50			4			X	001
Rising Pond Dam-Auto	WT		10/9/24	11:50			4			X	002
HR-D1	WT		10/9/24	—			4			X	003
Old Pleasant Street Bridge	WT		10/9/24	14:15			4			X	004
Woods Pond Dam	WT		10/9/24	15:15			4			X	005
Woods Pond Dam-Auto	WT		10/9/24	15:15			4			X	006
Woods Pond Dam (Lab Dup)	WT		10/9/24	15:15			4			X	007
New Lenox Rd Bridge	WT		10/9/24	16:20			4			X	008
Near Pittsfield WWTP	WT		10/10/24	14:15			4			X	009
Pomeroy Avenue Bridge	WT		10/10/24	15:30			4			X	010

Specify Container Size **: 1

Identify Container Preservative Type***: 1

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr:

AcctNum / Client ID:

Table #:

Profile / Template:

Prelog / Bottle Ord. ID: 456643

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By: Printed Name: Penelope T. Rabasco

Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: Refer to Contract

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C):	Corrected Temp. (°C):	On Ice
6	T9	-0.2	5.3, 4.4, 1.7, 2.3, 3.5, 3.1		[✓]

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Penelope T. Rabasco / Arcadis	10/15/24 17:30	AM/Pace	10/16/24 9:00	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[✓] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 2

Page 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Report No.: 10711985_16608_L4_arr

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30224932.3000	Invoice to: Arcadis U.S., Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accountspayable.administration@arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [✓] ET	County / State origin of sample(s): Pittsfield, MA

Specify Container Size **: 1

Identify Container Preservative Type***: 1

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 45643

Preservation non-conformance identified for sample.

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	PCB 16608	Sample Comment
HR-EB1	WT		10/8/24	10:30			4			X	011

Additional Instructions from Pace®:

Collected By: Printed Name: Penelope T. Rabasco

Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: Refer to Contract

Coolers: 6 | Thermometer ID: T9 | Correction Factor (°C): -0.2 | ~~Obs. Temp. (°C):~~ | Corrected Temp. (°C): 5.3, 4.4, 1.7, 2.3, 3.5, 3.1 | [X] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Rabasco / Arcadis	10/15/24 17:30	VM / Pace	10/16/24 9:00
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [X] FedEx [ ] UPS [ ] Other

Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10711985001
Lab File ID: P241102A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 11:50
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 09:33
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115362

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.82	3.05	2.00	0.619	31	
1	PCB-003L	12.64	3.08	2.00	0.773	39	
2	PCB-004L	12.93	1.58	2.00	0.763	38	
2	PCB-015L	20.04	1.58	2.00	1.06	53	
3	PCB-019L	16.75	1.04	2.00	0.826	41	
3	PCB-037L	27.83	1.08	2.00	1.24	62	
4	PCB-054L	20.35	0.80	2.00	0.753	38	
4	PCB-077L	35.55	0.80	2.00	1.40	70	
4	PCB-081L	34.98	0.79	2.00	1.46	73	
5	PCB-104L	26.48	1.57	2.00	0.942	47	
5	PCB-105L	39.17	1.60	2.00	1.42	71	
5	PCB-114L	38.50	1.64	2.00	1.47	73	
5	PCB-118L	37.94	1.65	2.00	1.44	72	
5	PCB-123L	37.61	1.59	2.00	1.44	72	
5	PCB-126L	42.34	1.59	2.00	1.45	73	
6	PCB-155L	32.55	1.23	2.00	1.17	59	
6	PCB-156/157L	45.41	1.28	4.00	2.85	71	
6	PCB-167L	44.24	1.29	2.00	1.49	74	
6	PCB-169L	48.71	1.30	2.00	1.48	74	
7	PCB-188L	38.46	1.05	2.00	1.56	78	
7	PCB-189L	51.27	1.10	2.00	1.51	76	
8	PCB-202L	43.95	0.88	2.00	1.53	77	
8	PCB-205L	53.86	0.90	2.00	1.43	72	
9	PCB-206L	55.60	0.78	2.00	1.34	67	
9	PCB-208L	50.75	0.80	2.00	1.50	75	
10	PCB-209L	57.22	0.71	2.00	1.35	68	
Recovery Standards							
2	PCB-009L	15.40	1.59	2.00	1.95	N/A	
4	PCB-052L	25.46	0.77	2.00	2.42	N/A	
5	PCB-101L	32.77	1.57	2.00	2.48	N/A	
6	PCB-138L	41.15	1.26	2.00	2.55	N/A	
8	PCB-194L	53.38	0.91	2.00	2.42	N/A	
Cleanup Standards							
3	PCB-028L	23.46	1.05	2.00	1.27	64	
5	PCB-111L	35.58	1.57	2.00	1.31	66	
7	PCB-178L	41.60	1.03	2.00	1.57	78	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10711985001
Lab File ID: P241102A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 11:50
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 09:33
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0212	0.00376	
1	PCB-002			ND		0.0212	0.00382	
1	PCB-003			ND		0.0212	0.00711	
2	PCB-004	12.95	1.44	0.351		0.0212	0.0145	
2	PCB-005	16.27	1.68	0.0382		0.0212	0.00511	
2	PCB-006			ND		0.0212	0.00310	
2	PCB-007			ND		0.0212	0.00301	
2	PCB-008	16.43	1.55	0.0344	U	0.0212	0.00506	
2	PCB-009			ND		0.0212	0.00474	
2	PCB-010			ND		0.0212	0.00683	
2	PCB-011			ND		0.207	0.0551	
2	PCB-012/013			ND		0.0423	0.00309	
2	PCB-014			ND		0.0212	0.00308	
2	PCB-015	20.06	1.47	0.0476		0.0279	0.00546	
3	PCB-016	19.98	1.05	0.0216		0.0212	0.00308	
3	PCB-017	19.47	1.03	0.0678		0.0212	0.00343	
3	PCB-018/030	18.98	1.03	0.0699		0.0423	0.00561	
3	PCB-019	16.77	1.04	0.235		0.0212	0.00288	
3	PCB-020/028	23.48	1.06	0.118		0.109	0.00636	
3	PCB-021/033			ND		0.114	0.00525	
3	PCB-022			ND		0.0804	0.00346	
3	PCB-023			ND		0.0212	0.00105	
3	PCB-024			ND		0.0212	0.00117	
3	PCB-025	22.81	1.16	0.0420		0.0212	0.00137	
3	PCB-026/029	22.53	1.05	0.0484		0.0423	0.00220	
3	PCB-027	19.71	1.06	0.0456		0.0212	0.00094	
3	PCB-031			ND		0.110	0.00770	
3	PCB-032	20.59	1.03	0.0486		0.0212	0.00257	
3	PCB-034			ND		0.0212	0.00103	
3	PCB-035			ND		0.0212	0.00105	
3	PCB-036			ND		0.0212	0.00098	
3	PCB-037			ND		0.0449	0.00256	
3	PCB-038			ND		0.0212	0.00104	
3	PCB-039			ND		0.0212	0.00133	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10711985001
Lab File ID: P241102A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 11:50
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 09:33
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.66	0.77	0.144		0.0635	0.00435	
4	PCB-042	27.13	0.81	0.0654		0.0212	0.00231	
4	PCB-043/073			ND		0.0423	0.00209	
4	PCB-044/047/065	26.62	0.78	1.12		0.0635	0.00615	
4	PCB-045/051	23.65	0.77	0.356		0.0423	0.00318	
4	PCB-046	23.90	0.79	0.0333		0.0212	0.00170	
4	PCB-048			ND		0.0212	0.00168	
4	PCB-069/049	26.02	0.77	0.613		0.0423	0.00357	
4	PCB-050/053	22.81	0.79	0.380		0.0423	0.00182	
4	PCB-052	25.47	0.78	0.459		0.109	0.0128	
4	PCB-054	20.38	0.78	0.113		0.0212	0.00134	
4	PCB-055			ND		0.0212	0.00144	
4	PCB-056	31.67	0.76	0.0291		0.0212	0.00324	
4	PCB-057			ND		0.0212	0.00108	
4	PCB-058			ND		0.0212	0.00124	
4	PCB-059/062/075			ND		0.0635	0.00218	
4	PCB-060			ND		0.0212	0.00178	
4	PCB-061/070/074/076	30.63	0.81	0.124		0.0847	0.00764	
4	PCB-063			ND		0.0212	0.00100	
4	PCB-064	27.90	0.80	0.0352		0.0212	0.00209	
4	PCB-066	30.97	0.78	0.119		0.0500	0.00398	
4	PCB-067			ND		0.0212	0.00116	
4	PCB-068	29.12	0.89	0.0235		0.0212	0.00106	
4	PCB-072			ND		0.0212	0.00115	
4	PCB-077			ND		0.0212	0.00128	
4	PCB-078			ND		0.0212	0.00108	
4	PCB-079			ND		0.0212	0.00093	
4	PCB-080			ND		0.0212	0.00104	
4	PCB-081			ND		0.0212	0.00090	
5	PCB-082			ND		0.0212	0.00133	
5	PCB-083	33.28	1.55	0.0259		0.0212	0.00145	
5	PCB-084	30.83	1.55	0.0716		0.0212	0.00221	
5	PCB-085/116/117	34.65	1.64	0.0737		0.0635	0.00293	
5	PCB-086/087/097/108/119/12	33.96	1.51	0.251		0.127	0.00560	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10711985001
Lab File ID: P241102A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 11:50
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 09:33
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.60	1.60	0.223		0.0423	0.00170	
5	PCB-089			ND		0.0212	0.00127	
5	PCB-090/101/113	32.80	1.60	0.751		0.0635	0.00433	
5	PCB-092	32.18	1.52	0.230		0.0212	0.00119	
5	PCB-093/098/100/102	29.95	1.55	0.156		0.0847	0.00391	
5	PCB-094	29.21	1.65	0.0452		0.0212	0.00130	
5	PCB-095	29.69	1.56	0.502		0.0593	0.00594	
5	PCB-096			ND		0.0212	0.00080	
5	PCB-099	33.42	1.56	0.346		0.0212	0.00178	
5	PCB-103	28.99	1.57	0.0629		0.0212	0.00083	
5	PCB-104			ND		0.0212	0.00122	
5	PCB-105	39.18	1.48	0.0494		0.0212	0.00272	
5	PCB-106			ND		0.0212	0.00107	
5	PCB-107/124			ND		0.0423	0.00191	
5	PCB-109	37.51	1.57	0.0313		0.0212	0.00134	
5	PCB-110/115	34.85	1.59	0.505		0.0423	0.00483	
5	PCB-111			ND		0.0212	0.00083	
5	PCB-112			ND		0.0212	0.00131	
5	PCB-114			ND		0.0212	0.00108	
5	PCB-118	37.98	1.55	0.212		0.0330	0.00491	
5	PCB-120			ND		0.0212	0.00081	
5	PCB-121			ND		0.0212	0.00112	
5	PCB-122			ND		0.0212	0.00116	
5	PCB-123			ND		0.0212	0.00126	
5	PCB-126			ND		0.0212	0.00073	
5	PCB-127			ND		0.0212	0.00107	
6	PCB-128/166	42.47	1.23	0.0790		0.0423	0.00229	
6	PCB-129/138/163	41.18	1.24	1.47		0.0635	0.00476	
6	PCB-130	40.51	1.24	0.0797		0.0212	0.00252	
6	PCB-131			ND		0.0212	0.00262	
6	PCB-132	38.06	1.27	0.365		0.0212	0.00239	
6	PCB-133	38.58	1.19	0.0452		0.0212	0.00234	
6	PCB-134/143	36.97	1.26	0.0655		0.0423	0.00260	
6	PCB-135/151	35.81	1.24	0.719		0.0423	0.00285	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10711985001
Lab File ID: P241102A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 11:50
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 09:33
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.29	1.23	0.194		0.0212	0.00145	
6	PCB-137	40.73	1.10	0.0239		0.0212	0.00240	
6	PCB-139/140			ND		0.0423	0.00212	
6	PCB-141	40.09	1.26	0.274		0.0212	0.00214	
6	PCB-142			ND		0.0212	0.00259	
6	PCB-144	36.40	1.30	0.0641		0.0212	0.00085	
6	PCB-145			ND		0.0212	0.00096	
6	PCB-146	39.25	1.26	0.316		0.0212	0.00201	
6	PCB-147/149	36.77	1.25	1.51		0.0423	0.00363	
6	PCB-148			ND		0.0212	0.00098	
6	PCB-150			ND		0.0212	0.00100	
6	PCB-152			ND		0.0212	0.00080	
6	PCB-153/168	39.89	1.24	1.58		0.0423	0.00285	
6	PCB-154	36.09	1.23	0.0465		0.0212	0.00125	
6	PCB-155			ND		0.0212	0.00110	
6	PCB-156/157	45.41	1.22	0.0661		0.0423	0.00157	
6	PCB-158	41.58	1.29	0.0944		0.0212	0.00156	
6	PCB-159			ND		0.0212	0.00111	
6	PCB-160			ND		0.0212	0.00176	
6	PCB-161			ND		0.0212	0.00166	
6	PCB-162			ND		0.0212	0.00115	
6	PCB-164	40.85	1.23	0.102		0.0212	0.00158	
6	PCB-165			ND		0.0212	0.00177	
6	PCB-167	44.25	1.32	0.0403		0.0212	0.00152	
6	PCB-169			ND		0.0212	0.00118	
7	PCB-170	48.11	1.06	0.473		0.0212	0.00241	
7	PCB-171/173	44.52	1.00	0.151		0.0423	0.00226	
7	PCB-172	46.17	1.09	0.106		0.0212	0.00422	
7	PCB-174	43.42	1.00	0.585		0.0212	0.00210	
7	PCB-175	42.27	1.09	0.0215		0.0212	0.00129	
7	PCB-176	39.74	1.05	0.0678		0.0212	0.00096	
7	PCB-177	43.87	1.01	0.358		0.0212	0.00224	
7	PCB-178	41.62	1.08	0.158		0.0212	0.00138	
7	PCB-179	38.83	1.01	0.263		0.0212	0.00131	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10711985001
Lab File ID: P241102A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 11:50
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 09:33
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.84	1.03	1.15		0.0423	0.00385	
7	PCB-181			ND		0.0212	0.00212	
7	PCB-182			ND		0.0212	0.00124	
7	PCB-183/185	43.20	1.02	0.350		0.0423	0.00256	
7	PCB-184			ND		0.0212	0.00091	
7	PCB-186			ND		0.0212	0.00139	
7	PCB-187	42.56	1.02	0.718		0.0212	0.00157	
7	PCB-188			ND		0.0212	0.00097	
7	PCB-189			ND		0.0212	0.00199	
7	PCB-190	48.66	1.05	0.113		0.0212	0.00184	
7	PCB-191			ND		0.0212	0.00169	
7	PCB-192			ND		0.0212	0.00149	
8	PCB-194	53.40	0.92	0.278		0.0212	0.00112	
8	PCB-195	51.03	0.91	0.130		0.0212	0.00140	
8	PCB-196	49.49	0.90	0.144		0.0212	0.00104	
8	PCB-197/200	45.95	0.86	0.0504		0.0423	0.00177	
8	PCB-198/199	48.82	0.88	0.251		0.0423	0.00183	
8	PCB-201	44.94	0.88	0.0344		0.0212	0.00054	
8	PCB-202	43.99	0.86	0.0556		0.0212	0.00113	
8	PCB-203	49.69	0.86	0.185		0.0212	0.00095	
8	PCB-204			ND		0.0212	0.00109	
8	PCB-205			ND		0.0212	0.00131	
9	PCB-206	55.63	0.80	0.0664		0.0212	0.00223	
9	PCB-207			ND		0.0212	0.00149	
9	PCB-208			ND		0.0212	0.00152	
10	PCB-209			ND		0.0212	0.00663	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10711985001
Lab File ID: P241102A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 11:50
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 09:33
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.471	
Total TrCB	0.697	
Total TeCB	3.61	
Total PeCB	3.54	
Total HxCB	7.14	
Total HpCB	4.52	
Total OcCB	1.13	
Total NoCB	0.0664	
DeCB	ND	
Total PCBs	21.2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10711985002
Lab File ID: P241102A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 11:50
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 10:35
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115362

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.94	3.09	2.00	0.741	37	
1	PCB-003L	12.73	3.06	2.00	0.908	45	
2	PCB-004L	13.02	1.51	2.00	0.906	45	
2	PCB-015L	20.08	1.58	2.00	1.13	57	
3	PCB-019L	16.80	1.02	2.00	0.914	46	
3	PCB-037L	27.86	1.07	2.00	1.34	67	
4	PCB-054L	20.40	0.79	2.00	0.785	39	
4	PCB-077L	35.57	0.80	2.00	1.59	79	
4	PCB-081L	34.99	0.81	2.00	1.58	79	
5	PCB-104L	26.51	1.56	2.00	0.886	44	
5	PCB-105L	39.18	1.62	2.00	1.53	77	
5	PCB-114L	38.51	1.61	2.00	1.54	77	
5	PCB-118L	37.96	1.62	2.00	1.53	76	
5	PCB-123L	37.63	1.60	2.00	1.54	77	
5	PCB-126L	42.35	1.57	2.00	1.55	77	
6	PCB-155L	32.56	1.26	2.00	1.21	60	
6	PCB-156/157L	45.43	1.29	4.00	2.88	72	
6	PCB-167L	44.25	1.28	2.00	1.60	80	
6	PCB-169L	48.73	1.26	2.00	1.45	73	
7	PCB-188L	38.48	1.05	2.00	1.70	85	
7	PCB-189L	51.27	1.08	2.00	1.66	83	
8	PCB-202L	43.99	0.90	2.00	1.72	86	
8	PCB-205L	53.88	0.91	2.00	1.29	65	
9	PCB-206L	55.63	0.80	2.00	1.41	71	
9	PCB-208L	50.78	0.79	2.00	1.57	78	
10	PCB-209L	57.22	0.71	2.00	1.27	63	
Recovery Standards							
2	PCB-009L	15.47	1.55	2.00	1.77	N/A	
4	PCB-052L	25.47	0.78	2.00	2.18	N/A	
5	PCB-101L	32.78	1.55	2.00	2.29	N/A	
6	PCB-138L	41.16	1.24	2.00	2.27	N/A	
8	PCB-194L	53.38	0.91	2.00	2.04	N/A	
Cleanup Standards							
3	PCB-028L	23.48	1.05	2.00	1.44	72	
5	PCB-111L	35.60	1.58	2.00	1.45	72	
7	PCB-178L	41.62	1.04	2.00	1.76	88	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10711985002
Lab File ID: P241102A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 11:50
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 10:35
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0226	0.00401	
1	PCB-002			ND		0.0226	0.00408	
1	PCB-003			ND		0.0226	0.00759	
2	PCB-004	13.04	1.44	0.332		0.0226	0.0115	
2	PCB-005			ND		0.0226	0.00546	
2	PCB-006			ND		0.0226	0.00329	
2	PCB-007			ND		0.0226	0.00320	
2	PCB-008			ND		0.0226	0.00540	
2	PCB-009			ND		0.0226	0.00351	
2	PCB-010			ND		0.0226	0.00648	
2	PCB-011			ND		0.221	0.0589	
2	PCB-012/013			ND		0.0452	0.00329	
2	PCB-014			ND		0.0226	0.00328	
2	PCB-015	20.10	1.55	0.0579		0.0298	0.00583	
3	PCB-016			ND		0.0226	0.00329	
3	PCB-017	19.51	1.00	0.0629		0.0226	0.00366	
3	PCB-018/030	19.03	1.01	0.0590		0.0452	0.00599	
3	PCB-019	16.83	1.01	0.247		0.0226	0.00307	
3	PCB-020/028			ND		0.117	0.00679	
3	PCB-021/033			ND		0.122	0.00560	
3	PCB-022			ND		0.0859	0.00370	
3	PCB-023			ND		0.0226	0.00112	
3	PCB-024			ND		0.0226	0.00125	
3	PCB-025	22.83	1.07	0.0420		0.0226	0.00146	
3	PCB-026/029	22.57	1.09	0.0472		0.0452	0.00235	
3	PCB-027	19.74	1.05	0.0494		0.0226	0.00101	
3	PCB-031			ND		0.118	0.00821	
3	PCB-032	20.63	1.11	0.0460		0.0226	0.00275	
3	PCB-034			ND		0.0226	0.00110	
3	PCB-035			ND		0.0226	0.00112	
3	PCB-036			ND		0.0226	0.00105	
3	PCB-037			ND		0.0479	0.00273	
3	PCB-038			ND		0.0226	0.00111	
3	PCB-039			ND		0.0226	0.00142	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10711985002
Lab File ID: P241102A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 11:50
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 10:35
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.67	0.74	0.147		0.0678	0.00464	
4	PCB-042	27.14	0.74	0.0675		0.0226	0.00246	
4	PCB-043/073			ND		0.0452	0.00223	
4	PCB-044/047/065	26.63	0.77	1.33		0.0678	0.00657	
4	PCB-045/051	23.68	0.76	0.337		0.0452	0.00339	
4	PCB-046	23.93	0.76	0.0343		0.0226	0.00153	
4	PCB-048			ND		0.0226	0.00180	
4	PCB-069/049	26.03	0.78	0.682		0.0452	0.00381	
4	PCB-050/053	22.84	0.79	0.410		0.0452	0.00194	
4	PCB-052	25.50	0.77	0.471		0.117	0.0137	
4	PCB-054	20.42	0.78	0.128		0.0226	0.00131	
4	PCB-055			ND		0.0226	0.00154	
4	PCB-056			ND		0.0226	0.00346	
4	PCB-057			ND		0.0226	0.00103	
4	PCB-058			ND		0.0226	0.00132	
4	PCB-059/062/075			ND		0.0678	0.00233	
4	PCB-060			ND		0.0226	0.00190	
4	PCB-061/070/074/076	30.65	0.83	0.124		0.0904	0.00816	
4	PCB-063			ND		0.0226	0.00095	
4	PCB-064	27.92	0.81	0.0335		0.0226	0.00223	
4	PCB-066	30.99	0.81	0.143		0.0533	0.00425	
4	PCB-067			ND		0.0226	0.00124	
4	PCB-068	29.13	0.78	0.0298		0.0226	0.00113	
4	PCB-072			ND		0.0226	0.00098	
4	PCB-077			ND		0.0226	0.00137	
4	PCB-078			ND		0.0226	0.00115	
4	PCB-079			ND		0.0226	0.00088	
4	PCB-080			ND		0.0226	0.00111	
4	PCB-081			ND		0.0226	0.00090	
5	PCB-082	35.19	1.48	0.0228		0.0226	0.00142	
5	PCB-083	33.29	1.59	0.0329		0.0226	0.00154	
5	PCB-084	30.85	1.52	0.0819		0.0226	0.00236	
5	PCB-085/116/117	34.67	1.67	0.0963		0.0678	0.00313	
5	PCB-086/087/097/108/119/12	33.97	1.55	0.321		0.136	0.00598	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10711985002
Lab File ID: P241102A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 11:50
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 10:35
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.63	1.55	0.273		0.0452	0.00182	
5	PCB-089			ND		0.0226	0.00135	
5	PCB-090/101/113	32.81	1.58	0.981		0.0678	0.00462	
5	PCB-092	32.19	1.54	0.297		0.0226	0.00127	
5	PCB-093/098/100/102	29.97	1.53	0.199		0.0904	0.00417	
5	PCB-094	29.22	1.46	0.0550		0.0226	0.00138	
5	PCB-095	29.70	1.52	0.590		0.0633	0.00634	
5	PCB-096	26.91	1.47	0.0229		0.0226	0.00085	
5	PCB-099	33.43	1.56	0.468		0.0226	0.00190	
5	PCB-103	29.01	1.49	0.0774		0.0226	0.00117	
5	PCB-104			ND		0.0226	0.00130	
5	PCB-105	39.20	1.60	0.0703		0.0226	0.00290	
5	PCB-106			ND		0.0226	0.00114	
5	PCB-107/124			ND		0.0452	0.00203	
5	PCB-109	37.52	1.51	0.0437		0.0226	0.00144	
5	PCB-110/115	34.87	1.56	0.619		0.0452	0.00515	
5	PCB-111			ND		0.0226	0.00089	
5	PCB-112			ND		0.0226	0.00140	
5	PCB-114			ND		0.0226	0.00115	
5	PCB-118	37.99	1.57	0.305		0.0353	0.00524	
5	PCB-120			ND		0.0226	0.00086	
5	PCB-121			ND		0.0226	0.00120	
5	PCB-122			ND		0.0226	0.00124	
5	PCB-123			ND		0.0226	0.00134	
5	PCB-126			ND		0.0226	0.00093	
5	PCB-127			ND		0.0226	0.00114	
6	PCB-128/166	42.49	1.25	0.136		0.0452	0.00244	
6	PCB-129/138/163	41.20	1.24	2.29		0.0678	0.00508	
6	PCB-130	40.53	1.17	0.120		0.0226	0.00292	
6	PCB-131			ND		0.0226	0.00304	
6	PCB-132	38.08	1.25	0.514		0.0226	0.00277	
6	PCB-133	38.60	1.28	0.0656		0.0226	0.00271	
6	PCB-134/143	36.99	1.30	0.0824		0.0452	0.00289	
6	PCB-135/151	35.83	1.24	0.996		0.0452	0.00304	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10711985002
Lab File ID: P241102A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 11:50
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 10:35
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.31	1.24	0.271		0.0226	0.00155	
6	PCB-137	40.76	1.18	0.0459		0.0226	0.00278	
6	PCB-139/140			ND		0.0452	0.00212	
6	PCB-141	40.11	1.22	0.415		0.0226	0.00248	
6	PCB-142			ND		0.0226	0.00299	
6	PCB-144	36.42	1.22	0.0918		0.0226	0.00091	
6	PCB-145			ND		0.0226	0.00103	
6	PCB-146	39.27	1.24	0.479		0.0226	0.00233	
6	PCB-147/149	36.79	1.26	2.22		0.0452	0.00388	
6	PCB-148			ND		0.0226	0.00105	
6	PCB-150			ND		0.0226	0.00107	
6	PCB-152			ND		0.0226	0.00086	
6	PCB-153/168	39.91	1.24	2.46		0.0452	0.00304	
6	PCB-154	36.11	1.27	0.0670		0.0226	0.00133	
6	PCB-155			ND		0.0226	0.00118	
6	PCB-156/157	45.43	1.29	0.0991		0.0452	0.00189	
6	PCB-158	41.60	1.18	0.146		0.0226	0.00181	
6	PCB-159			ND		0.0226	0.00119	
6	PCB-160			ND		0.0226	0.00204	
6	PCB-161			ND		0.0226	0.00192	
6	PCB-162			ND		0.0226	0.00156	
6	PCB-164	40.86	1.19	0.141		0.0226	0.00184	
6	PCB-165			ND		0.0226	0.00205	
6	PCB-167	44.27	1.29	0.0630		0.0226	0.00163	
6	PCB-169			ND		0.0226	0.00161	
7	PCB-170	48.13	1.04	0.684		0.0226	0.00145	
7	PCB-171/173	44.54	1.04	0.227		0.0452	0.00186	
7	PCB-172	46.18	1.03	0.156		0.0226	0.00451	
7	PCB-174	43.43	1.00	0.845		0.0226	0.00163	
7	PCB-175	42.29	1.07	0.0322		0.0226	0.00107	
7	PCB-176	39.76	1.03	0.102		0.0226	0.00089	
7	PCB-177	43.89	1.04	0.548		0.0226	0.00185	
7	PCB-178	41.63	1.07	0.238		0.0226	0.00119	
7	PCB-179	38.85	1.02	0.394		0.0226	0.00140	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10711985002
Lab File ID: P241102A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 11:50
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 10:35
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.85	1.03	1.71		0.0452	0.00411	
7	PCB-181			ND		0.0226	0.00149	
7	PCB-182			ND		0.0226	0.00123	
7	PCB-183/185	43.21	1.02	0.526		0.0452	0.00273	
7	PCB-184			ND		0.0226	0.00063	
7	PCB-186			ND		0.0226	0.00148	
7	PCB-187	42.57	1.02	1.11		0.0226	0.00167	
7	PCB-188			ND		0.0226	0.00071	
7	PCB-189	51.31	1.05	0.0303		0.0226	0.00113	
7	PCB-190	48.68	1.01	0.157		0.0226	0.00157	
7	PCB-191	47.21	1.03	0.0284		0.0226	0.00145	
7	PCB-192			ND		0.0226	0.00146	
8	PCB-194	53.40	0.89	0.444		0.0226	0.00166	
8	PCB-195	51.06	0.89	0.202		0.0226	0.00185	
8	PCB-196	49.50	0.89	0.219		0.0226	0.00112	
8	PCB-197/200	45.96	0.87	0.0760		0.0452	0.00189	
8	PCB-198/199	48.83	0.85	0.387		0.0452	0.00195	
8	PCB-201	44.96	0.93	0.0530		0.0226	0.00058	
8	PCB-202	44.00	0.88	0.0827		0.0226	0.00121	
8	PCB-203	49.70	0.87	0.272		0.0226	0.00102	
8	PCB-204			ND		0.0226	0.00116	
8	PCB-205	53.90	0.88	0.0263		0.0226	0.00168	
9	PCB-206	55.65	0.72	0.0910		0.0226	0.00936	
9	PCB-207			ND		0.0226	0.00622	
9	PCB-208			ND		0.0226	0.00397	
10	PCB-209			ND		0.0226	0.00707	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rising Pond Dam-Auto**
Lab Sample ID: 10711985002
Lab File ID: P241102A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 11:50
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 10:35
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1770mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.390	
Total TrCB	0.554	
Total TeCB	3.94	
Total PeCB	4.56	
Total HxCB	10.7	
Total HpCB	6.79	
Total OcCB	1.76	
Total NoCB	0.0910	
DeCB	ND	
Total PCBs	28.8	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10711985003
Lab File ID: P241105A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 20:01
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115362

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.72	3.08	2.00	0.742	37	D
1	PCB-003L	12.56	3.27	2.00	0.938	47	D
2	PCB-004L	12.85	1.54	2.00	0.861	43	D
2	PCB-015L	19.99	1.58	2.00	1.25	62	D
3	PCB-019L	16.68	1.04	2.00	0.923	46	D
3	PCB-037L	27.79	1.06	2.00	1.50	75	D
4	PCB-054L	20.31	0.79	2.00	0.889	44	D
4	PCB-077L	35.52	0.79	2.00	1.69	84	D
4	PCB-081L	34.95	0.78	2.00	1.72	86	D
5	PCB-104L	26.45	1.58	2.00	1.02	51	D
5	PCB-105L	39.13	1.63	2.00	1.65	82	D
5	PCB-114L	38.47	1.63	2.00	1.67	83	D
5	PCB-118L	37.92	1.58	2.00	1.65	82	D
5	PCB-123L	37.58	1.57	2.00	1.66	83	D
5	PCB-126L	42.31	1.61	2.00	1.61	81	D
6	PCB-155L	32.52	1.26	2.00	1.37	69	D
6	PCB-156/157L	45.39	1.29	4.00	3.12	78	D
6	PCB-167L	44.19	1.29	2.00	1.60	80	D
6	PCB-169L	48.69	1.31	2.00	1.47	74	D
7	PCB-188L	38.44	1.03	2.00	1.86	93	D
7	PCB-189L	51.22	1.06	2.00	1.72	86	D
8	PCB-202L	43.93	0.91	2.00	1.76	88	D
8	PCB-205L	53.83	0.89	2.00	1.58	79	D
9	PCB-206L	55.57	0.82	2.00	1.52	76	D
9	PCB-208L	50.73	0.80	2.00	1.65	83	D
10	PCB-209L	57.17	0.70	2.00	1.45	72	D
Recovery Standards							
2	PCB-009L	15.33	1.58	2.00	2.01	N/A	D
4	PCB-052L	25.41	0.79	2.00	2.34	N/A	D
5	PCB-101L	32.73	1.60	2.00	2.37	N/A	D
6	PCB-138L	41.10	1.28	2.00	2.35	N/A	D
8	PCB-194L	53.33	0.92	2.00	1.98	N/A	D
Cleanup Standards							
3	PCB-028L	23.42	1.05	2.00	1.53	77	D
5	PCB-111L	35.55	1.57	2.00	1.58	79	D
7	PCB-178L	41.56	1.05	2.00	1.70	85	D

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10711985003
Lab File ID: P241105A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 20:01
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND	D	0.0228	0.00810	
1	PCB-002			ND	D	0.0228	0.00824	
1	PCB-003			ND	D	0.0228	0.0153	
2	PCB-004	12.87	1.53	0.346	D	0.0228	0.0154	
2	PCB-005			ND	D	0.0228	0.0127	
2	PCB-006			ND	D	0.0228	0.0111	
2	PCB-007			ND	D	0.0228	0.0110	
2	PCB-008			ND	D	0.0228	0.0109	
2	PCB-009			ND	D	0.0228	0.0120	
2	PCB-010			ND	D	0.0228	0.00889	
2	PCB-011			ND	D	0.224	0.119	
2	PCB-012/013			ND	D	0.0456	0.0118	
2	PCB-014			ND	D	0.0228	0.0113	
2	PCB-015			ND	D	0.0301	0.0118	
3	PCB-016			ND	D	0.0228	0.00664	
3	PCB-017	19.41	1.06	0.0580	D	0.0228	0.00739	
3	PCB-018/030			ND	D	0.0456	0.0121	
3	PCB-019	16.70	1.03	0.247	D	0.0228	0.00620	
3	PCB-020/028			ND	D	0.118	0.0137	
3	PCB-021/033			ND	D	0.123	0.0113	
3	PCB-022			ND	D	0.0867	0.00746	
3	PCB-023			ND	D	0.0228	0.00227	
3	PCB-024			ND	D	0.0228	0.00253	
3	PCB-025			ND	D	0.0228	0.00294	
3	PCB-026/029			ND	D	0.0456	0.00474	
3	PCB-027			ND	D	0.0228	0.00204	
3	PCB-031			ND	D	0.119	0.0166	
3	PCB-032			ND	D	0.0228	0.00554	
3	PCB-034			ND	D	0.0228	0.00222	
3	PCB-035			ND	D	0.0228	0.00226	
3	PCB-036			ND	D	0.0228	0.00213	
3	PCB-037			ND	D	0.0484	0.00552	
3	PCB-038			ND	D	0.0228	0.00224	
3	PCB-039			ND	D	0.0228	0.00287	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10711985003
Lab File ID: P241105A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 20:01
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND	D	0.0684	0.00938	
4	PCB-042	27.10	0.74	0.0545	D	0.0228	0.00497	
4	PCB-043/073			ND	D	0.0456	0.00449	
4	PCB-044/047/065	26.59	0.77	0.912	D	0.0684	0.0133	
4	PCB-045/051	23.62	0.79	0.300	D	0.0456	0.00684	
4	PCB-046			ND	D	0.0228	0.00308	
4	PCB-048			ND	D	0.0228	0.00363	
4	PCB-069/049	25.98	0.78	0.516	D	0.0456	0.00769	
4	PCB-050/053	22.77	0.78	0.332	D	0.0456	0.00392	
4	PCB-052	25.44	0.77	0.362	D	0.118	0.0276	
4	PCB-054	20.32	0.78	0.117	D	0.0228	0.00209	
4	PCB-055			ND	D	0.0228	0.00310	
4	PCB-056			ND	D	0.0228	0.00698	
4	PCB-057			ND	D	0.0228	0.00209	
4	PCB-058			ND	D	0.0228	0.00267	
4	PCB-059/062/075			ND	D	0.0684	0.00470	
4	PCB-060			ND	D	0.0228	0.00383	
4	PCB-061/070/074/076			ND	D	0.0912	0.0165	
4	PCB-063			ND	D	0.0228	0.00179	
4	PCB-064			ND	D	0.0228	0.00449	
4	PCB-066			ND	D	0.0538	0.00858	
4	PCB-067			ND	D	0.0228	0.00251	
4	PCB-068			ND	D	0.0228	0.00228	
4	PCB-072			ND	D	0.0228	0.00161	
4	PCB-077			ND	D	0.0228	0.00276	
4	PCB-078			ND	D	0.0228	0.00233	
4	PCB-079			ND	D	0.0228	0.00161	
4	PCB-080			ND	D	0.0228	0.00225	
4	PCB-081			ND	D	0.0228	0.00153	
5	PCB-082			ND	D	0.0228	0.00276	
5	PCB-083			ND	D	0.0228	0.00237	
5	PCB-084	30.80	1.51	0.0594	D	0.0228	0.00477	
5	PCB-085/116/117			ND	D	0.0684	0.00632	
5	PCB-086/087/097/108/119/12			ND	D	0.137	0.0121	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10711985003
Lab File ID: P241105A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 20:01
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.57	1.56	0.197	D	0.0456	0.00367	
5	PCB-089			ND	D	0.0228	0.00260	
5	PCB-090/101/113	32.77	1.55	0.671	D	0.0684	0.00933	
5	PCB-092	32.15	1.51	0.208	D	0.0228	0.00198	
5	PCB-093/098/100/102			ND	D	0.0912	0.00842	
5	PCB-094			ND	D	0.0228	0.00170	
5	PCB-095	29.66	1.59	0.442	D	0.0639	0.0128	
5	PCB-096			ND	D	0.0228	0.00172	
5	PCB-099	33.38	1.55	0.300	D	0.0228	0.00383	
5	PCB-103	28.96	1.60	0.0568	D	0.0228	0.00141	
5	PCB-104			ND	D	0.0228	0.00262	
5	PCB-105			ND	D	0.0228	0.00586	
5	PCB-106			ND	D	0.0228	0.00230	
5	PCB-107/124			ND	D	0.0456	0.00411	
5	PCB-109			ND	D	0.0228	0.00290	
5	PCB-110/115	34.82	1.60	0.470	D	0.0456	0.0104	
5	PCB-111			ND	D	0.0228	0.00180	
5	PCB-112			ND	D	0.0228	0.00283	
5	PCB-114			ND	D	0.0228	0.00233	
5	PCB-118	37.95	1.61	0.188	D	0.0356	0.0106	
5	PCB-120			ND	D	0.0228	0.00175	
5	PCB-121			ND	D	0.0228	0.00242	
5	PCB-122			ND	D	0.0228	0.00251	
5	PCB-123			ND	D	0.0228	0.00271	
5	PCB-126			ND	D	0.0228	0.00146	
5	PCB-127			ND	D	0.0228	0.00230	
6	PCB-128/166			ND	D	0.0456	0.00493	
6	PCB-129/138/163	41.14	1.25	1.17	D	0.0684	0.0103	
6	PCB-130	40.47	1.09	0.0654	D	0.0228	0.00251	
6	PCB-131			ND	D	0.0228	0.00301	
6	PCB-132	38.04	1.20	0.312	D	0.0228	0.00340	
6	PCB-133			ND	D	0.0228	0.00215	
6	PCB-134/143			ND	D	0.0456	0.00561	
6	PCB-135/151	35.78	1.24	0.682	D	0.0456	0.00614	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10711985003
Lab File ID: P241105A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 20:01
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.26	1.22	0.178	D	0.0228	0.00313	
6	PCB-137			ND	D	0.0228	0.00333	
6	PCB-139/140			ND	D	0.0456	0.00429	
6	PCB-141	40.05	1.21	0.237	D	0.0228	0.00404	
6	PCB-142			ND	D	0.0228	0.00281	
6	PCB-144	36.37	1.30	0.0589	D	0.0228	0.00184	
6	PCB-145			ND	D	0.0228	0.00209	
6	PCB-146	39.23	1.27	0.254	D	0.0228	0.00258	
6	PCB-147/149	36.74	1.24	1.34	D	0.0456	0.00782	
6	PCB-148			ND	D	0.0228	0.00213	
6	PCB-150			ND	D	0.0228	0.00216	
6	PCB-152			ND	D	0.0228	0.00174	
6	PCB-153/168	39.86	1.22	1.29	D	0.0456	0.00614	
6	PCB-154			ND	D	0.0228	0.00269	
6	PCB-155			ND	D	0.0228	0.00237	
6	PCB-156/157			ND	D	0.0456	0.00338	
6	PCB-158	41.56	1.23	0.0751	D	0.0228	0.00251	
6	PCB-159			ND	D	0.0228	0.00226	
6	PCB-160			ND	D	0.0228	0.00258	
6	PCB-161			ND	D	0.0228	0.00127	
6	PCB-162			ND	D	0.0228	0.00228	
6	PCB-164	40.82	1.26	0.0823	D	0.0228	0.00283	
6	PCB-165			ND	D	0.0228	0.00148	
6	PCB-167			ND	D	0.0228	0.00328	
6	PCB-169			ND	D	0.0228	0.00210	
7	PCB-170	48.09	1.03	0.338	D	0.0228	0.00292	
7	PCB-171/173	44.48	1.02	0.111	D	0.0456	0.00376	
7	PCB-172	46.12	1.01	0.0756	D	0.0228	0.00910	
7	PCB-174	43.37	1.02	0.435	D	0.0228	0.00328	
7	PCB-175			ND	D	0.0228	0.00217	
7	PCB-176	39.71	1.05	0.0572	D	0.0228	0.00181	
7	PCB-177	43.83	1.05	0.281	D	0.0228	0.00374	
7	PCB-178	41.59	1.04	0.128	D	0.0228	0.00240	
7	PCB-179	38.81	1.05	0.228	D	0.0228	0.00283	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10711985003
Lab File ID: P241105A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 20:01
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.79	1.04	0.798	D	0.0456	0.00830	
7	PCB-181			ND	D	0.0228	0.00301	
7	PCB-182			ND	D	0.0228	0.00249	
7	PCB-183/185	43.16	1.05	0.286	D	0.0456	0.00552	
7	PCB-184			ND	D	0.0228	0.00128	
7	PCB-186			ND	D	0.0228	0.00299	
7	PCB-187	42.51	1.08	0.579	D	0.0228	0.00338	
7	PCB-188			ND	D	0.0228	0.00144	
7	PCB-189			ND	D	0.0228	0.00228	
7	PCB-190	48.62	0.99	0.0756	D	0.0228	0.00317	
7	PCB-191			ND	D	0.0228	0.00292	
7	PCB-192			ND	D	0.0228	0.00294	
8	PCB-194	53.35	0.87	0.171	D	0.0228	0.00398	
8	PCB-195	51.01	0.97	0.0878	D	0.0228	0.00416	
8	PCB-196	49.44	0.88	0.0966	D	0.0228	0.00230	
8	PCB-197/200			ND	D	0.0456	0.00381	
8	PCB-198/199	48.79	0.91	0.200	D	0.0456	0.00395	
8	PCB-201			ND	D	0.0228	0.00160	
8	PCB-202			ND	D	0.0228	0.00244	
8	PCB-203	49.66	0.89	0.124	D	0.0228	0.00210	
8	PCB-204			ND	D	0.0228	0.00235	
8	PCB-205			ND	D	0.0228	0.00356	
9	PCB-206	55.60	0.68	0.0462	D	0.0228	0.00408	
9	PCB-207			ND	D	0.0228	0.00281	
9	PCB-208			ND	D	0.0228	0.00266	
10	PCB-209			ND	D	0.0228	0.0143	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10711985003
Lab File ID: P241105A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 20:01
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.346	
Total TrCB	0.305	
Total TeCB	2.59	
Total PeCB	2.59	
Total HxCB	5.74	
Total HpCB	3.39	
Total OcCB	0.679	
Total NoCB	0.0462	
DeCB	ND	
Total PCBs	15.7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10711985004
Lab File ID: P241105A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 14:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 21:03
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115362

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.74	3.09	2.00	0.625	31	D
1	PCB-003L	12.57	3.04	2.00	0.774	39	D
2	PCB-004L	12.87	1.53	2.00	0.699	35	D
2	PCB-015L	20.00	1.60	2.00	1.01	50	D
3	PCB-019L	16.70	1.05	2.00	0.764	38	D
3	PCB-037L	27.81	1.07	2.00	1.21	61	D
4	PCB-054L	20.32	0.81	2.00	0.741	37	D
4	PCB-077L	35.52	0.82	2.00	1.49	74	D
4	PCB-081L	34.95	0.79	2.00	1.47	74	D
5	PCB-104L	26.46	1.55	2.00	0.815	41	D
5	PCB-105L	39.13	1.61	2.00	1.39	69	D
5	PCB-114L	38.47	1.61	2.00	1.44	72	D
5	PCB-118L	37.92	1.63	2.00	1.41	71	D
5	PCB-123L	37.59	1.59	2.00	1.42	71	D
5	PCB-126L	42.31	1.59	2.00	1.45	72	D
6	PCB-155L	32.52	1.26	2.00	1.04	52	D
6	PCB-156/157L	45.39	1.31	4.00	2.69	67	D
6	PCB-167L	44.20	1.28	2.00	1.37	68	D
6	PCB-169L	48.69	1.30	2.00	1.35	67	D
7	PCB-188L	38.44	1.01	2.00	1.47	73	D
7	PCB-189L	51.23	1.06	2.00	1.43	71	D
8	PCB-202L	43.93	0.90	2.00	1.38	69	D
8	PCB-205L	53.83	0.90	2.00	1.31	65	D
9	PCB-206L	55.58	0.79	2.00	1.26	63	D
9	PCB-208L	50.73	0.78	2.00	1.32	66	D
10	PCB-209L	57.20	0.71	2.00	1.22	61	D
Recovery Standards							
2	PCB-009L	15.35	1.58	2.00	2.40	N/A	D
4	PCB-052L	25.43	0.78	2.00	2.74	N/A	D
5	PCB-101L	32.75	1.61	2.00	2.85	N/A	D
6	PCB-138L	41.12	1.28	2.00	2.90	N/A	D
8	PCB-194L	53.34	0.93	2.00	2.56	N/A	D
Cleanup Standards							
3	PCB-028L	23.43	1.06	2.00	1.31	65	D
5	PCB-111L	35.55	1.56	2.00	1.30	65	D
7	PCB-178L	41.56	1.03	2.00	1.38	69	D

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10711985004
Lab File ID: P241105A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 14:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 21:03
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	9.76	2.90	0.0839	D	0.0230	0.00817	
1	PCB-002			ND	D	0.0230	0.00831	
1	PCB-003			ND	D	0.0230	0.0155	
2	PCB-004	12.89	1.51	2.12	D	0.0230	0.0165	
2	PCB-005			ND	D	0.0230	0.0163	
2	PCB-006	15.85	1.38	0.0689	D	0.0230	0.0142	
2	PCB-007			ND	D	0.0230	0.0141	
2	PCB-008	16.38	1.34	0.0887	~~D~~ U	0.0230	0.0133	
2	PCB-009			ND	D	0.0230	0.0154	
2	PCB-010	13.11	1.40	0.0782	D	0.0230	0.00981	
2	PCB-011			ND	D	0.226	0.120	
2	PCB-012/013			ND	D	0.0460	0.0152	
2	PCB-014			ND	D	0.0230	0.0145	
2	PCB-015	20.02	1.65	0.143	D	0.0304	0.0145	
3	PCB-016	19.94	1.05	0.0528	D	0.0230	0.00670	
3	PCB-017	19.42	1.04	0.298	D	0.0230	0.00746	
3	PCB-018/030	18.94	1.09	0.257	D	0.0460	0.0122	
3	PCB-019	16.73	1.03	1.37	D	0.0230	0.00626	
3	PCB-020/028	23.45	1.07	0.351	D	0.119	0.0138	
3	PCB-021/033			ND	D	0.124	0.0114	
3	PCB-022			ND	D	0.0875	0.00753	
3	PCB-023			ND	D	0.0230	0.00229	
3	PCB-024			ND	D	0.0230	0.00255	
3	PCB-025	22.77	1.02	0.156	D	0.0230	0.00297	
3	PCB-026/029	22.50	1.03	0.188	D	0.0460	0.00479	
3	PCB-027	19.67	1.02	0.200	D	0.0230	0.00206	
3	PCB-031			ND	D	0.120	0.0167	
3	PCB-032	20.56	1.08	0.325	D	0.0230	0.00559	
3	PCB-034			ND	D	0.0230	0.00224	
3	PCB-035			ND	D	0.0230	0.00228	
3	PCB-036			ND	D	0.0230	0.00215	
3	PCB-037			ND	D	0.0488	0.00557	
3	PCB-038			ND	D	0.0230	0.00226	
3	PCB-039			ND	D	0.0230	0.00290	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10711985004
Lab File ID: P241105A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 14:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 21:03
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.64	0.76	0.445	D	0.0690	0.00946	
4	PCB-042	27.10	0.77	0.162	D	0.0230	0.00502	
4	PCB-043/073	25.60	0.75	0.0927	D	0.0460	0.00453	
4	PCB-044/047/065	26.59	0.78	2.85	D	0.0690	0.0134	
4	PCB-045/051	23.62	0.77	1.37	D	0.0460	0.00690	
4	PCB-046	23.87	0.74	0.112	D	0.0230	0.00311	
4	PCB-048			ND	D	0.0230	0.00366	
4	PCB-069/049	25.99	0.78	1.70	D	0.0460	0.00776	
4	PCB-050/053	22.78	0.78	1.41	D	0.0460	0.00396	
4	PCB-052	25.44	0.77	1.06	D	0.119	0.0278	
4	PCB-054	20.34	0.76	0.559	D	0.0230	0.00211	
4	PCB-055			ND	D	0.0230	0.00313	
4	PCB-056			ND	D	0.0230	0.00704	
4	PCB-057			ND	D	0.0230	0.00210	
4	PCB-058			ND	D	0.0230	0.00269	
4	PCB-059/062/075			ND	D	0.0690	0.00474	
4	PCB-060			ND	D	0.0230	0.00387	
4	PCB-061/070/074/076	30.60	0.79	0.185	D	0.0921	0.0166	
4	PCB-063			ND	D	0.0230	0.00181	
4	PCB-064	27.87	0.79	0.0608	D	0.0230	0.00453	
4	PCB-066	30.96	0.80	0.223	D	0.0543	0.00865	
4	PCB-067			ND	D	0.0230	0.00253	
4	PCB-068	29.10	0.77	0.0513	D	0.0230	0.00230	
4	PCB-072			ND	D	0.0230	0.00162	
4	PCB-077			ND	D	0.0230	0.00278	
4	PCB-078			ND	D	0.0230	0.00235	
4	PCB-079			ND	D	0.0230	0.00162	
4	PCB-080			ND	D	0.0230	0.00227	
4	PCB-081			ND	D	0.0230	0.00154	
5	PCB-082			ND	D	0.0230	0.00278	
5	PCB-083			ND	D	0.0230	0.00239	
5	PCB-084	30.80	1.51	0.111	D	0.0230	0.00481	
5	PCB-085/116/117			ND	D	0.0690	0.00638	
5	PCB-086/087/097/108/119/12	33.93	1.57	0.387	D	0.138	0.0122	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10711985004
Lab File ID: P241105A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 14:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 21:03
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.59	1.56	0.414	D	0.0460	0.00371	
5	PCB-089			ND	D	0.0230	0.00262	
5	PCB-090/101/113	32.77	1.55	1.18	D	0.0690	0.00941	
5	PCB-092	32.15	1.56	0.374	D	0.0230	0.00200	
5	PCB-093/098/100/102	29.94	1.58	0.313	D	0.0921	0.00849	
5	PCB-094	29.19	1.59	0.0940	D	0.0230	0.00171	
5	PCB-095	29.66	1.54	0.758	D	0.0644	0.0129	
5	PCB-096	26.87	1.58	0.0467	D	0.0230	0.00174	
5	PCB-099	33.39	1.58	0.525	D	0.0230	0.00387	
5	PCB-103	28.96	1.55	0.120	D	0.0230	0.00142	
5	PCB-104			ND	D	0.0230	0.00265	
5	PCB-105	39.16	1.58	0.0598	D	0.0230	0.00592	
5	PCB-106			ND	D	0.0230	0.00232	
5	PCB-107/124			ND	D	0.0460	0.00414	
5	PCB-109			ND	D	0.0230	0.00292	
5	PCB-110/115	34.82	1.55	0.762	D	0.0460	0.0105	
5	PCB-111			ND	D	0.0230	0.00182	
5	PCB-112			ND	D	0.0230	0.00285	
5	PCB-114			ND	D	0.0230	0.00235	
5	PCB-118	37.95	1.59	0.290	D	0.0359	0.0107	
5	PCB-120			ND	D	0.0230	0.00177	
5	PCB-121			ND	D	0.0230	0.00244	
5	PCB-122			ND	D	0.0230	0.00253	
5	PCB-123			ND	D	0.0230	0.00274	
5	PCB-126			ND	D	0.0230	0.00147	
5	PCB-127			ND	D	0.0230	0.00232	
6	PCB-128/166	42.43	1.27	0.0928	D	0.0460	0.00497	
6	PCB-129/138/163	41.14	1.26	1.74	D	0.0690	0.0104	
6	PCB-130	40.47	1.26	0.0925	D	0.0230	0.00376	
6	PCB-131			ND	D	0.0230	0.00382	
6	PCB-132	38.04	1.24	0.462	D	0.0230	0.00360	
6	PCB-133	38.56	1.23	0.0614	D	0.0230	0.00346	
6	PCB-134/143	36.95	1.21	0.0931	D	0.0460	0.00566	
6	PCB-135/151	35.78	1.24	1.03	D	0.0460	0.00619	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10711985004
Lab File ID: P241105A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 14:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 21:03
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.26	1.23	0.277	D	0.0230	0.00315	
6	PCB-137			ND	D	0.0230	0.00338	
6	PCB-139/140			ND	D	0.0460	0.00433	
6	PCB-141	40.07	1.24	0.362	D	0.0230	0.00407	
6	PCB-142			ND	D	0.0230	0.00373	
6	PCB-144	36.37	1.22	0.0936	D	0.0230	0.00186	
6	PCB-145			ND	D	0.0230	0.00211	
6	PCB-146	39.23	1.23	0.379	D	0.0230	0.00282	
6	PCB-147/149	36.75	1.23	2.03	D	0.0460	0.00789	
6	PCB-148			ND	D	0.0230	0.00215	
6	PCB-150			ND	D	0.0230	0.00218	
6	PCB-152			ND	D	0.0230	0.00175	
6	PCB-153/168	39.87	1.25	1.90	D	0.0460	0.00619	
6	PCB-154	36.06	1.24	0.0712	D	0.0230	0.00272	
6	PCB-155			ND	D	0.0230	0.00239	
6	PCB-156/157			ND	D	0.0460	0.00341	
6	PCB-158	41.56	1.25	0.114	D	0.0230	0.00253	
6	PCB-159			ND	D	0.0230	0.00228	
6	PCB-160			ND	D	0.0230	0.00261	
6	PCB-161			ND	D	0.0230	0.00247	
6	PCB-162			ND	D	0.0230	0.00230	
6	PCB-164	40.82	1.20	0.122	D	0.0230	0.00285	
6	PCB-165			ND	D	0.0230	0.00261	
6	PCB-167	44.23	1.31	0.0514	D	0.0230	0.00331	
6	PCB-169			ND	D	0.0230	0.00218	
7	PCB-170	48.09	1.05	0.524	D	0.0230	0.00295	
7	PCB-171/173	44.48	1.05	0.172	D	0.0460	0.00380	
7	PCB-172	46.14	1.01	0.118	D	0.0230	0.00918	
7	PCB-174	43.39	1.01	0.670	D	0.0230	0.00331	
7	PCB-175			ND	D	0.0230	0.00219	
7	PCB-176	39.71	1.03	0.0897	D	0.0230	0.00183	
7	PCB-177	43.84	1.03	0.415	D	0.0230	0.00377	
7	PCB-178	41.59	1.00	0.193	D	0.0230	0.00242	
7	PCB-179	38.81	1.05	0.342	D	0.0230	0.00285	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10711985004
Lab File ID: P241105A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 14:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 21:03
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.80	1.04	1.27	D	0.0460	0.00838	
7	PCB-181			ND	D	0.0230	0.00304	
7	PCB-182			ND	D	0.0230	0.00251	
7	PCB-183/185	43.17	1.02	0.436	D	0.0460	0.00557	
7	PCB-184			ND	D	0.0230	0.00129	
7	PCB-186			ND	D	0.0230	0.00302	
7	PCB-187	42.53	1.02	0.884	D	0.0230	0.00341	
7	PCB-188			ND	D	0.0230	0.00146	
7	PCB-189			ND	D	0.0230	0.00230	
7	PCB-190	48.64	1.01	0.116	D	0.0230	0.00320	
7	PCB-191			ND	D	0.0230	0.00295	
7	PCB-192			ND	D	0.0230	0.00297	
8	PCB-194	53.36	0.93	0.278	D	0.0230	0.00303	
8	PCB-195	51.01	0.89	0.130	D	0.0230	0.00304	
8	PCB-196	49.44	0.91	0.153	D	0.0230	0.00238	
8	PCB-197/200			ND	D	0.0460	0.00384	
8	PCB-198/199	48.79	0.90	0.321	D	0.0460	0.00398	
8	PCB-201	44.90	0.89	0.0473	D	0.0230	0.00167	
8	PCB-202	43.96	0.86	0.0681	D	0.0230	0.00246	
8	PCB-203	49.66	0.92	0.195	D	0.0230	0.00218	
8	PCB-204			ND	D	0.0230	0.00237	
8	PCB-205			ND	D	0.0230	0.00285	
9	PCB-206	55.60	0.74	0.0625	D	0.0230	0.00458	
9	PCB-207			ND	D	0.0230	0.00326	
9	PCB-208			ND	D	0.0230	0.00316	
10	PCB-209			ND	D	0.0230	0.0144	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10711985004
Lab File ID: P241105A_13
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 14:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 21:03
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

Homologue	Concentration (ng/L)	Q
Total MoCB	0.0839	
Total DiCB	2.50	
Total TrCB	3.19	
Total TeCB	10.3	
Total PeCB	5.43	
Total HxCB	8.97	
Total HpCB	5.23	
Total OcCB	1.19	
Total NoCB	0.0625	
DeCB	ND	
Total PCBs	36.9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10711985005
Lab File ID: P241105A_14
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 15:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 22:04
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115362

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.69	3.07	2.00	0.644	32	D
1	PCB-003L	12.53	3.08	2.00	0.808	40	D
2	PCB-004L	12.83	1.52	2.00	0.736	37	D
2	PCB-015L	19.98	1.58	2.00	1.07	53	D
3	PCB-019L	16.67	1.05	2.00	0.798	40	D
3	PCB-037L	27.79	1.08	2.00	1.23	61	D
4	PCB-054L	20.29	0.81	2.00	0.776	39	D
4	PCB-077L	35.52	0.81	2.00	1.42	71	D
4	PCB-081L	34.93	0.81	2.00	1.43	71	D
5	PCB-104L	26.45	1.55	2.00	0.980	49	D
5	PCB-105L	39.13	1.57	2.00	1.46	73	D
5	PCB-114L	38.47	1.59	2.00	1.46	73	D
5	PCB-118L	37.92	1.58	2.00	1.47	73	D
5	PCB-123L	37.57	1.53	2.00	1.43	72	D
5	PCB-126L	42.31	1.58	2.00	1.50	75	D
6	PCB-155L	32.52	1.27	2.00	1.13	56	D
6	PCB-156/157L	45.37	1.30	4.00	2.65	66	D
6	PCB-167L	44.19	1.29	2.00	1.41	70	D
6	PCB-169L	48.67	1.26	2.00	1.33	67	D
7	PCB-188L	38.44	1.03	2.00	1.59	79	D
7	PCB-189L	51.22	1.07	2.00	1.48	74	D
8	PCB-202L	43.93	0.91	2.00	1.53	76	D
8	PCB-205L	53.81	0.90	2.00	1.38	69	D
9	PCB-206L	55.55	0.79	2.00	1.26	63	D
9	PCB-208L	50.72	0.78	2.00	1.42	71	D
10	PCB-209L	57.17	0.73	2.00	1.24	62	D
Recovery Standards							
2	PCB-009L	15.31	1.61	2.00	2.35	N/A	D
4	PCB-052L	25.41	0.80	2.00	2.66	N/A	D
5	PCB-101L	32.73	1.57	2.00	2.58	N/A	D
6	PCB-138L	41.10	1.25	2.00	2.69	N/A	D
8	PCB-194L	53.33	0.93	2.00	2.28	N/A	D
Cleanup Standards							
3	PCB-028L	23.42	1.02	2.00	1.32	66	D
5	PCB-111L	35.55	1.58	2.00	1.47	73	D
7	PCB-178L	41.56	1.04	2.00	1.48	74	D

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10711985005
Lab File ID: P241105A_14
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 15:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 22:04
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	9.70	3.07	0.157	D	0.0224	0.00796	
1	PCB-002			ND	D	0.0224	0.00809	
1	PCB-003			ND	D	0.0224	0.0151	
2	PCB-004	12.85	1.53	4.75	D	0.0224	0.0421	
2	PCB-005			ND	D	0.0224	0.0145	
2	PCB-006	15.82	1.64	0.119	D	0.0224	0.0127	
2	PCB-007			ND	D	0.0224	0.0126	
2	PCB-008	16.35	1.51	0.173	D	0.0224	0.0118	
2	PCB-009			ND	D	0.0224	0.0137	
2	PCB-010	13.08	1.52	0.181	D	0.0224	0.0219	
2	PCB-011			ND	D	0.220	0.117	
2	PCB-012/013			ND	D	0.0448	0.0135	
2	PCB-014			ND	D	0.0224	0.0129	
2	PCB-015	20.00	1.62	0.271	D	0.0296	0.0127	
3	PCB-016	19.92	1.03	0.108	D	0.0224	0.00652	
3	PCB-017	19.40	1.04	0.803	D	0.0224	0.00726	
3	PCB-018/030	18.91	1.06	0.579	D	0.0448	0.0119	
3	PCB-019	16.69	1.05	3.36	D	0.0224	0.00610	
3	PCB-020/028	23.43	1.06	0.792	D	0.116	0.0135	
3	PCB-021/033	23.63	0.99	0.252	D	0.121	0.0111	
3	PCB-022			ND	D	0.0852	0.00733	
3	PCB-023			ND	D	0.0224	0.00244	
3	PCB-024			ND	D	0.0224	0.00249	
3	PCB-025	22.75	1.05	0.408	D	0.0224	0.00289	
3	PCB-026/029	22.49	1.06	0.467	D	0.0448	0.00466	
3	PCB-027	19.64	1.06	0.471	D	0.0224	0.00200	
3	PCB-031	23.11	1.06	0.423	D	0.117	0.0163	
3	PCB-032	20.54	1.08	1.26	D	0.0224	0.00545	
3	PCB-034			ND	D	0.0224	0.00250	
3	PCB-035			ND	D	0.0224	0.00280	
3	PCB-036			ND	D	0.0224	0.00251	
3	PCB-037			ND	D	0.0475	0.00542	
3	PCB-038			ND	D	0.0224	0.00250	
3	PCB-039			ND	D	0.0224	0.00282	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10711985005
Lab File ID: P241105A_14
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 15:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 22:04
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.62	0.77	1.34	D	0.0672	0.00921	
4	PCB-042	27.08	0.78	0.457	D	0.0224	0.00489	
4	PCB-043/073	25.60	0.80	0.241	D	0.0448	0.00441	
4	PCB-044/047/065	26.59	0.78	8.80	D	0.0672	0.0130	
4	PCB-045/051	23.60	0.78	5.72	D	0.0448	0.00672	
4	PCB-046	23.85	0.80	0.313	D	0.0224	0.00303	
4	PCB-048			ND	D	0.0224	0.00356	
4	PCB-069/049	25.97	0.77	4.87	D	0.0448	0.00755	
4	PCB-050/053	22.77	0.78	4.26	D	0.0448	0.00385	
4	PCB-052	25.44	0.78	2.80	D	0.116	0.0271	
4	PCB-054	20.32	0.77	1.73	D	0.0224	0.00276	
4	PCB-055			ND	D	0.0224	0.00305	
4	PCB-056	31.64	0.75	0.0503	D	0.0224	0.00686	
4	PCB-057			ND	D	0.0224	0.00205	
4	PCB-058			ND	D	0.0224	0.00262	
4	PCB-059/062/075	26.93	0.74	0.180	D	0.0672	0.00462	
4	PCB-060			ND	D	0.0224	0.00376	
4	PCB-061/070/074/076	30.58	0.80	0.474	D	0.0896	0.0162	
4	PCB-063	30.24	0.80	0.0559	D	0.0224	0.00194	
4	PCB-064	27.86	0.77	0.143	D	0.0224	0.00441	
4	PCB-066	30.94	0.81	0.586	D	0.0529	0.00843	
4	PCB-067			ND	D	0.0224	0.00247	
4	PCB-068	29.08	0.80	0.140	D	0.0224	0.00224	
4	PCB-072	28.77	0.83	0.0812	D	0.0224	0.00187	
4	PCB-077			ND	D	0.0224	0.00271	
4	PCB-078			ND	D	0.0224	0.00229	
4	PCB-079			ND	D	0.0224	0.00188	
4	PCB-080			ND	D	0.0224	0.00221	
4	PCB-081			ND	D	0.0224	0.00199	
5	PCB-082	35.15	1.43	0.0701	D	0.0224	0.00271	
5	PCB-083	33.24	1.67	0.114	D	0.0224	0.00233	
5	PCB-084	30.79	1.59	0.331	D	0.0224	0.00468	
5	PCB-085/116/117	34.61	1.62	0.303	D	0.0672	0.00621	
5	PCB-086/087/097/108/119/12	33.93	1.55	1.04	D	0.134	0.0119	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10711985005
Lab File ID: P241105A_14
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 15:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 22:04
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.57	1.52	1.33	D	0.0448	0.00361	
5	PCB-089			ND	D	0.0224	0.00255	
5	PCB-090/101/113	32.77	1.55	3.17	D	0.0672	0.00917	
5	PCB-092	32.15	1.56	1.05	D	0.0224	0.00195	
5	PCB-093/098/100/102	29.92	1.57	1.11	D	0.0896	0.00827	
5	PCB-094	29.18	1.51	0.320	D	0.0224	0.00167	
5	PCB-095	29.64	1.56	2.15	D	0.0627	0.0126	
5	PCB-096	26.85	1.49	0.169	D	0.0224	0.00169	
5	PCB-099	33.38	1.53	1.44	D	0.0224	0.00376	
5	PCB-103	28.96	1.52	0.398	D	0.0224	0.00138	
5	PCB-104	26.48	1.50	0.138	D	0.0224	0.00258	
5	PCB-105	39.16	1.51	0.159	D	0.0224	0.00576	
5	PCB-106			ND	D	0.0224	0.00226	
5	PCB-107/124			ND	D	0.0448	0.00403	
5	PCB-109	37.48	1.60	0.124	D	0.0224	0.00285	
5	PCB-110/115	34.81	1.57	1.95	D	0.0448	0.0102	
5	PCB-111			ND	D	0.0224	0.00177	
5	PCB-112			ND	D	0.0224	0.00278	
5	PCB-114			ND	D	0.0224	0.00229	
5	PCB-118	37.93	1.59	0.783	D	0.0350	0.0104	
5	PCB-120			ND	D	0.0224	0.00172	
5	PCB-121			ND	D	0.0224	0.00238	
5	PCB-122			ND	D	0.0224	0.00247	
5	PCB-123			ND	D	0.0224	0.00267	
5	PCB-126			ND	D	0.0224	0.00148	
5	PCB-127			ND	D	0.0224	0.00226	
6	PCB-128/166	42.43	1.18	0.296	D	0.0448	0.00633	
6	PCB-129/138/163	41.14	1.27	5.05	D	0.0672	0.0101	
6	PCB-130	40.47	1.25	0.273	D	0.0224	0.00783	
6	PCB-131			ND	D	0.0224	0.00795	
6	PCB-132	38.02	1.22	1.44	D	0.0224	0.00750	
6	PCB-133	38.56	1.18	0.163	D	0.0224	0.00720	
6	PCB-134/143	36.95	1.17	0.252	D	0.0448	0.00654	
6	PCB-135/151	35.78	1.23	3.00	D	0.0448	0.00603	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10711985005
Lab File ID: P241105A_14
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 15:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 22:04
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.26	1.24	0.901	D	0.0224	0.00307	
6	PCB-137	40.68	1.14	0.0832	D	0.0224	0.00704	
6	PCB-139/140			ND	D	0.0448	0.00652	
6	PCB-141	40.05	1.22	1.07	D	0.0224	0.00683	
6	PCB-142			ND	D	0.0224	0.00777	
6	PCB-144	36.37	1.24	0.261	D	0.0224	0.00181	
6	PCB-145			ND	D	0.0224	0.00205	
6	PCB-146	39.23	1.26	1.04	D	0.0224	0.00587	
6	PCB-147/149	36.73	1.23	5.78	D	0.0448	0.00769	
6	PCB-148	35.16	1.24	0.0567	D	0.0224	0.00209	
6	PCB-150	32.90	1.18	0.0691	D	0.0224	0.00212	
6	PCB-152	32.72	1.33	0.0538	D	0.0224	0.00171	
6	PCB-153/168	39.86	1.25	5.44	D	0.0448	0.00603	
6	PCB-154	36.04	1.18	0.217	D	0.0224	0.00264	
6	PCB-155			ND	D	0.0224	0.00233	
6	PCB-156/157	45.38	1.33	0.233	D	0.0448	0.00332	
6	PCB-158	41.54	1.25	0.337	D	0.0224	0.00462	
6	PCB-159	43.41	1.26	0.0492	D	0.0224	0.00222	
6	PCB-160			ND	D	0.0224	0.00544	
6	PCB-161			ND	D	0.0224	0.00514	
6	PCB-162			ND	D	0.0224	0.00224	
6	PCB-164	40.80	1.25	0.356	D	0.0224	0.00488	
6	PCB-165			ND	D	0.0224	0.00543	
6	PCB-167	44.21	1.26	0.148	D	0.0224	0.00323	
6	PCB-169			ND	D	0.0224	0.00234	
7	PCB-170	48.07	1.02	1.61	D	0.0224	0.00336	
7	PCB-171/173	44.48	1.04	0.556	D	0.0448	0.00370	
7	PCB-172	46.12	1.02	0.361	D	0.0224	0.00894	
7	PCB-174	43.37	1.05	2.02	D	0.0224	0.00323	
7	PCB-175	42.24	0.93	0.0875	D	0.0224	0.00213	
7	PCB-176	39.71	1.04	0.295	D	0.0224	0.00178	
7	PCB-177	43.83	1.02	1.25	D	0.0224	0.00368	
7	PCB-178	41.59	1.03	0.544	D	0.0224	0.00235	
7	PCB-179	38.79	1.04	1.09	D	0.0224	0.00278	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10711985005
Lab File ID: P241105A_14
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 15:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 22:04
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.79	1.03	4.07	D	0.0448	0.00816	
7	PCB-181			ND	D	0.0224	0.00296	
7	PCB-182			ND	D	0.0224	0.00244	
7	PCB-183/185	43.15	1.03	1.36	D	0.0448	0.00542	
7	PCB-184			ND	D	0.0224	0.00126	
7	PCB-186			ND	D	0.0224	0.00294	
7	PCB-187	42.51	1.03	2.60	D	0.0224	0.00332	
7	PCB-188			ND	D	0.0224	0.00142	
7	PCB-189	51.24	1.00	0.0730	D	0.0224	0.00311	
7	PCB-190	48.62	1.02	0.360	D	0.0224	0.00312	
7	PCB-191	47.14	0.96	0.0699	D	0.0224	0.00287	
7	PCB-192			ND	D	0.0224	0.00289	
8	PCB-194	53.35	0.91	0.827	D	0.0224	0.00435	
8	PCB-195	50.98	0.92	0.388	D	0.0224	0.00454	
8	PCB-196	49.44	0.93	0.489	D	0.0224	0.00281	
8	PCB-197/200	45.92	0.88	0.180	D	0.0448	0.00374	
8	PCB-198/199	48.77	0.89	0.969	D	0.0448	0.00388	
8	PCB-201	44.90	0.90	0.133	D	0.0224	0.00196	
8	PCB-202	43.94	0.91	0.193	D	0.0224	0.00240	
8	PCB-203	49.64	0.88	0.591	D	0.0224	0.00257	
8	PCB-204			ND	D	0.0224	0.00231	
8	PCB-205	53.85	0.88	0.0529	D	0.0224	0.00395	
9	PCB-206	55.57	0.82	0.208	D	0.0224	0.00614	
9	PCB-207			ND	D	0.0224	0.00344	
9	PCB-208			ND	D	0.0224	0.00321	
10	PCB-209			ND	D	0.0224	0.0140	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10711985005
Lab File ID: P241105A_14
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 15:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/05/2024 22:04
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 2.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241105A04
CCal File(s): P241105A_03

Homologue	Concentration (ng/L)	Q
Total MoCB	0.157	
Total DiCB	5.50	
Total TrCB	8.93	
Total TeCB	32.2	
Total PeCB	16.2	
Total HxCB	26.6	
Total HpCB	16.3	
Total OcCB	3.82	
Total NoCB	0.208	
DeCB	ND	
Total PCBs	110	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10711985006
Lab File ID: P241102A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 15:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 14:41
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115362

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.90	3.11	2.00	0.467	23	
1	PCB-003L	12.69	3.12	2.00	0.606	30	
2	PCB-004L	12.99	1.55	2.00	0.612	31	
2	PCB-015L	20.05	1.58	2.00	0.837	42	
3	PCB-019L	16.78	1.03	2.00	0.672	34	
3	PCB-037L	27.83	1.07	2.00	0.898	45	
4	PCB-054L	20.37	0.78	2.00	0.639	32	
4	PCB-077L	35.55	0.79	2.00	1.04	52	
4	PCB-081L	34.96	0.79	2.00	1.05	53	
5	PCB-104L	26.49	1.59	2.00	0.784	39	
5	PCB-105L	39.15	1.61	2.00	0.965	48	
5	PCB-114L	38.50	1.63	2.00	1.01	50	
5	PCB-118L	37.94	1.59	2.00	0.991	50	
5	PCB-123L	37.61	1.59	2.00	0.980	49	
5	PCB-126L	42.34	1.58	2.00	1.02	51	
6	PCB-155L	32.55	1.24	2.00	0.870	43	
6	PCB-156/157L	45.41	1.29	4.00	1.95	49	
6	PCB-167L	44.22	1.29	2.00	0.964	48	
6	PCB-169L	48.72	1.30	2.00	1.01	51	
7	PCB-188L	38.46	1.03	2.00	1.03	52	
7	PCB-189L	51.25	1.07	2.00	0.994	50	
8	PCB-202L	43.95	0.88	2.00	1.01	51	
8	PCB-205L	53.84	0.88	2.00	0.950	48	
9	PCB-206L	55.58	0.79	2.00	0.925	46	
9	PCB-208L	50.75	0.80	2.00	0.967	48	
10	PCB-209L	57.20	0.71	2.00	0.980	49	
Recovery Standards							
2	PCB-009L	15.43	1.57	2.00	2.95	N/A	
4	PCB-052L	25.46	0.80	2.00	3.55	N/A	
5	PCB-101L	32.77	1.59	2.00	3.66	N/A	
6	PCB-138L	41.13	1.23	2.00	3.87	N/A	
8	PCB-194L	53.36	0.90	2.00	3.77	N/A	
Cleanup Standards							
3	PCB-028L	23.46	1.04	2.00	0.837	42	
5	PCB-111L	35.58	1.54	2.00	0.939	47	
7	PCB-178L	41.58	1.05	2.00	1.03	52	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10711985006
Lab File ID: P241102A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 15:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 14:41
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	9.91	3.15	0.0884		0.0233	0.00413	
1	PCB-002			ND		0.0233	0.00420	
1	PCB-003	12.70	3.44	0.0279		0.0233	0.00782	
2	PCB-004	13.00	1.57	3.53		0.0233	0.0150	
2	PCB-005			ND		0.0233	0.00700	
2	PCB-006	15.93	1.46	0.0896		0.0233	0.00623	
2	PCB-007			ND		0.0233	0.00605	
2	PCB-008	16.46	1.63	0.122	U	0.0233	0.00586	
2	PCB-009			ND		0.0233	0.00642	
2	PCB-010	13.22	1.73	0.121		0.0233	0.00836	
2	PCB-011			ND		0.228	0.0606	
2	PCB-012/013	19.69	1.47	0.0589		0.0465	0.00622	
2	PCB-014			ND		0.0233	0.00620	
2	PCB-015	20.08	1.63	0.329		0.0307	0.00600	
3	PCB-016	20.00	1.02	0.0944		0.0233	0.00338	
3	PCB-017	19.48	1.05	0.713		0.0233	0.00377	
3	PCB-018/030	19.00	1.01	0.544		0.0465	0.00616	
3	PCB-019	16.80	1.05	2.64		0.0233	0.00316	
3	PCB-020/028	23.49	1.05	0.976		0.120	0.00699	
3	PCB-021/033	23.68	1.02	0.254		0.126	0.00577	
3	PCB-022	24.17	1.07	0.0988		0.0884	0.00380	
3	PCB-023			ND		0.0233	0.00148	
3	PCB-024			ND		0.0233	0.00129	
3	PCB-025	22.81	1.04	0.491		0.0233	0.00150	
3	PCB-026/029	22.53	1.05	0.533		0.0465	0.00242	
3	PCB-027	19.72	0.99	0.461		0.0233	0.00104	
3	PCB-031	23.15	1.08	0.469		0.121	0.00846	
3	PCB-032	20.60	1.08	1.19		0.0233	0.00283	
3	PCB-034			ND		0.0233	0.00113	
3	PCB-035			ND		0.0233	0.00154	
3	PCB-036			ND		0.0233	0.00140	
3	PCB-037	27.86	1.10	0.0898		0.0493	0.00281	
3	PCB-038			ND		0.0233	0.00145	
3	PCB-039			ND		0.0233	0.00147	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10711985006
Lab File ID: P241102A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 15:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 14:41
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.65	0.77	1.86		0.0698	0.00478	
4	PCB-042	27.13	0.78	0.705		0.0233	0.00254	
4	PCB-043/073	25.64	0.76	0.376		0.0465	0.00229	
4	PCB-044/047/065	26.62	0.77	15.5		0.0698	0.00676	
4	PCB-045/051	23.66	0.78	6.92		0.0465	0.00349	
4	PCB-046	23.91	0.78	0.386		0.0233	0.00199	
4	PCB-048	26.32	0.83	0.0240		0.0233	0.00185	
4	PCB-069/049	26.02	0.77	7.81		0.0465	0.00392	
4	PCB-050/053	22.83	0.78	5.28		0.0465	0.00200	
4	PCB-052	25.47	0.77	4.36		0.120	0.0141	
4	PCB-054	20.40	0.78	1.52		0.0233	0.00161	
4	PCB-055			ND		0.0233	0.00331	
4	PCB-056	31.67	0.80	0.100		0.0233	0.00356	
4	PCB-057	29.55	0.79	0.0300		0.0233	0.00332	
4	PCB-058			ND		0.0233	0.00320	
4	PCB-059/062/075	26.97	0.82	0.278		0.0698	0.00240	
4	PCB-060			ND		0.0233	0.00318	
4	PCB-061/070/074/076	30.62	0.80	0.936		0.0931	0.00840	
4	PCB-063	30.28	0.79	0.108		0.0233	0.00309	
4	PCB-064	27.90	0.78	0.232		0.0233	0.00229	
4	PCB-066	30.97	0.79	1.20		0.0549	0.00437	
4	PCB-067	29.95	0.80	0.0594		0.0233	0.00128	
4	PCB-068	29.12	0.78	0.296		0.0233	0.00309	
4	PCB-072	28.81	0.80	0.168		0.0233	0.00154	
4	PCB-077	35.57	0.77	0.0589		0.0233	0.00314	
4	PCB-078			ND		0.0233	0.00329	
4	PCB-079	33.93	0.81	0.0538		0.0233	0.00287	
4	PCB-080			ND		0.0233	0.00279	
4	PCB-081			ND		0.0233	0.00298	
5	PCB-082	35.18	1.60	0.196		0.0233	0.00925	
5	PCB-083	33.28	1.52	0.273		0.0233	0.0101	
5	PCB-084	30.83	1.54	0.674		0.0233	0.00920	
5	PCB-085/116/117	34.64	1.56	0.854		0.0698	0.00673	
5	PCB-086/087/097/108/119/12	33.96	1.57	2.83		0.140	0.00722	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10711985006
Lab File ID: P241102A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 15:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 14:41
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.60	1.54	3.10		0.0465	0.00845	
5	PCB-089			ND		0.0233	0.00885	
5	PCB-090/101/113	32.80	1.54	8.29		0.0698	0.00714	
5	PCB-092	32.18	1.57	2.60		0.0233	0.00831	
5	PCB-093/098/100/102	29.95	1.56	2.59		0.0931	0.00834	
5	PCB-094	29.21	1.54	0.665		0.0233	0.00915	
5	PCB-095	29.69	1.57	4.71		0.0651	0.00653	
5	PCB-096	26.90	1.54	0.295		0.0233	0.00087	
5	PCB-099	33.42	1.55	4.20		0.0233	0.00741	
5	PCB-103	28.99	1.54	0.906		0.0233	0.00765	
5	PCB-104	26.51	1.49	0.228		0.0233	0.00134	
5	PCB-105	39.18	1.59	0.491		0.0233	0.00299	
5	PCB-106			ND		0.0233	0.00176	
5	PCB-107/124	37.26	1.54	0.130		0.0465	0.00209	
5	PCB-109	37.51	1.61	0.358		0.0233	0.00162	
5	PCB-110/115	34.85	1.58	4.92		0.0465	0.00611	
5	PCB-111	35.60	1.57	0.0387		0.0233	0.00583	
5	PCB-112			ND		0.0233	0.00567	
5	PCB-114			ND		0.0233	0.00171	
5	PCB-118	37.98	1.58	2.51		0.0363	0.00540	
5	PCB-120	36.08	1.57	0.0981		0.0233	0.00567	
5	PCB-121	31.79	1.63	0.0393		0.0233	0.00589	
5	PCB-122	38.31	1.53	0.0283		0.0233	0.00188	
5	PCB-123	37.63	1.67	0.0577		0.0233	0.00170	
5	PCB-126	42.34	1.69	0.0278		0.0233	0.00192	
5	PCB-127			ND		0.0233	0.00176	
6	PCB-128/166	42.46	1.26	1.02		0.0465	0.00514	
6	PCB-129/138/163	41.16	1.23	17.8		0.0698	0.00546	
6	PCB-130	40.49	1.23	0.919		0.0233	0.00641	
6	PCB-131	37.59	1.16	0.101		0.0233	0.00666	
6	PCB-132	38.06	1.25	4.33		0.0233	0.00607	
6	PCB-133	38.58	1.24	0.525		0.0233	0.00595	
6	PCB-134/143	36.97	1.23	0.700		0.0465	0.00634	
6	PCB-135/151	35.81	1.23	8.72		0.0465	0.00313	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10711985006
Lab File ID: P241102A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 15:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 14:41
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.29	1.24	2.38		0.0233	0.00159	
6	PCB-137	40.73	1.28	0.343		0.0233	0.00611	
6	PCB-139/140	37.41	1.26	0.230		0.0465	0.00538	
6	PCB-141	40.07	1.23	3.44		0.0233	0.00544	
6	PCB-142			ND		0.0233	0.00657	
6	PCB-144	36.40	1.21	0.773		0.0233	0.00093	
6	PCB-145			ND		0.0233	0.00106	
6	PCB-146	39.25	1.26	3.77		0.0233	0.00511	
6	PCB-147/149	36.77	1.25	18.0		0.0465	0.00483	
6	PCB-148	35.19	1.29	0.165		0.0233	0.00109	
6	PCB-150	32.94	1.24	0.182		0.0233	0.00110	
6	PCB-152	32.75	1.27	0.138		0.0233	0.00088	
6	PCB-153/168	39.89	1.25	19.5		0.0465	0.00456	
6	PCB-154	36.08	1.24	0.648		0.0233	0.00137	
6	PCB-155	32.58	1.25	0.0247		0.0233	0.00121	
6	PCB-156/157	45.41	1.28	0.870		0.0465	0.00328	
6	PCB-158	41.58	1.22	1.21		0.0233	0.00398	
6	PCB-159	43.45	1.18	0.120		0.0233	0.00199	
6	PCB-160			ND		0.0233	0.00447	
6	PCB-161			ND		0.0233	0.00422	
6	PCB-162	43.75	1.25	0.0505		0.0233	0.00273	
6	PCB-164	40.85	1.24	1.12		0.0233	0.00403	
6	PCB-165	39.00	1.26	0.0631		0.0233	0.00450	
6	PCB-167	44.25	1.29	0.565		0.0233	0.00255	
6	PCB-169			ND		0.0233	0.00267	
7	PCB-170	48.09	1.03	6.89		0.0233	0.00280	
7	PCB-171/173	44.51	1.03	2.16		0.0465	0.00262	
7	PCB-172	46.15	1.03	1.43		0.0233	0.00464	
7	PCB-174	43.40	1.04	7.76		0.0233	0.00244	
7	PCB-175	42.27	1.06	0.308		0.0233	0.00110	
7	PCB-176	39.74	1.03	0.932		0.0233	0.00092	
7	PCB-177	43.87	1.04	4.81		0.0233	0.00261	
7	PCB-178	41.62	1.02	1.96		0.0233	0.00122	
7	PCB-179	38.83	1.02	3.57		0.0233	0.00144	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10711985006
Lab File ID: P241102A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 15:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 14:41
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.82	1.03	16.6		0.0465	0.00423	
7	PCB-181	44.29	1.05	0.0391		0.0233	0.00247	
7	PCB-182	42.76	0.92	0.0491		0.0233	0.00127	
7	PCB-183/185	43.18	1.02	4.93		0.0465	0.00281	
7	PCB-184			ND		0.0233	0.00065	
7	PCB-186			ND		0.0233	0.00152	
7	PCB-187	42.54	1.03	9.68		0.0233	0.00172	
7	PCB-188	38.50	1.02	0.0435		0.0233	0.00073	
7	PCB-189	51.27	1.06	0.276		0.0233	0.00179	
7	PCB-190	48.65	1.05	1.62		0.0233	0.00214	
7	PCB-191	47.19	1.04	0.270		0.0233	0.00197	
7	PCB-192			ND		0.0233	0.00206	
8	PCB-194	53.38	0.89	3.89		0.0233	0.00290	
8	PCB-195	51.03	0.89	1.72		0.0233	0.00293	
8	PCB-196	49.47	0.91	2.02		0.0233	0.00120	
8	PCB-197/200	45.95	0.88	0.652		0.0465	0.00194	
8	PCB-198/199	48.80	0.89	3.69		0.0465	0.00201	
8	PCB-201	44.93	0.89	0.470		0.0233	0.00079	
8	PCB-202	43.99	0.89	0.710		0.0233	0.00124	
8	PCB-203	49.67	0.89	2.50		0.0233	0.00110	
8	PCB-204			ND		0.0233	0.00120	
8	PCB-205	53.88	0.91	0.204		0.0233	0.00230	
9	PCB-206	55.60	0.76	0.787		0.0233	0.00340	
9	PCB-207	51.72	0.71	0.117		0.0233	0.00236	
9	PCB-208	50.78	0.74	0.153		0.0233	0.00228	
10	PCB-209	57.22	0.71	0.0510		0.0233	0.00728	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Woods Pond Dam-Auto**
Lab Sample ID: 10711985006
Lab File ID: P241102A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 15:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/24/2024 14:00
Date Analyzed: 11/02/2024 14:41
Method Blank ID: BLANK-115360
Lab Spike ID(s): LCS-115361/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241102A02
CCal File(s): P241102A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.116	
Total DiCB	4.25	
Total TrCB	8.55	
Total TeCB	48.3	
Total PeCB	41.1	
Total HxCB	87.7	
Total HpCB	63.4	
Total OcCB	15.8	
Total NoCB	1.06	
DeCB	0.0510	
Total PCBs	270	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10711985008
Lab File ID: P241106A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 16:20
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 08:19
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115453

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.82	3.21	2.00	1.14	57	
1	PCB-003L	12.61	3.11	2.00	1.32	66	
2	PCB-004L	12.91	1.56	2.00	1.24	62	
2	PCB-015L	19.98	1.59	2.00	1.65	83	
3	PCB-019L	16.71	1.04	2.00	1.25	62	
3	PCB-037L	27.77	1.07	2.00	1.70	85	
4	PCB-054L	20.29	0.79	2.00	1.39	69	
4	PCB-077L	35.48	0.79	2.00	1.65	83	
4	PCB-081L	34.91	0.81	2.00	1.78	89	
5	PCB-104L	26.42	1.57	2.00	1.53	76	
5	PCB-105L	39.10	1.59	2.00	1.59	79	
5	PCB-114L	38.44	1.64	2.00	1.67	83	
5	PCB-118L	37.89	1.60	2.00	1.69	84	
5	PCB-123L	37.54	1.57	2.00	1.73	86	
5	PCB-126L	42.29	1.62	2.00	1.62	81	
6	PCB-155L	32.48	1.27	2.00	1.79	90	
6	PCB-156/157L	45.36	1.28	4.00	3.22	81	
6	PCB-167L	44.17	1.29	2.00	1.68	84	
6	PCB-169L	48.66	1.28	2.00	1.58	79	
7	PCB-188L	38.41	1.05	2.00	1.88	94	
7	PCB-189L	51.21	1.07	2.00	1.72	86	
8	PCB-202L	43.90	0.90	2.00	1.77	89	
8	PCB-205L	53.80	0.89	2.00	1.53	76	
9	PCB-206L	55.55	0.79	2.00	1.39	69	
9	PCB-208L	50.70	0.80	2.00	1.59	80	
10	PCB-209L	57.16	0.70	2.00	1.29	64	
Recovery Standards							
2	PCB-009L	15.36	1.58	2.00	2.54	N/A	
4	PCB-052L	25.38	0.78	2.00	2.87	N/A	
5	PCB-101L	32.71	1.55	2.00	2.82	N/A	
6	PCB-138L	41.08	1.26	2.00	2.59	N/A	
8	PCB-194L	53.33	0.91	2.00	2.15	N/A	
Cleanup Standards							
3	PCB-028L	23.39	1.05	2.00	1.53	77	
5	PCB-111L	35.52	1.62	2.00	1.38	69	
7	PCB-178L	41.53	1.05	2.00	1.54	77	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10711985008
Lab File ID: P241106A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 16:20
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 08:19
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	9.84	3.15	0.197		0.0222	0.00395	
1	PCB-002			ND		0.0222	0.00401	
1	PCB-003			ND		0.0222	0.00747	
2	PCB-004	12.93	1.55	6.08		0.0222	0.00503	
2	PCB-005			ND		0.0222	0.00537	
2	PCB-006	15.87	1.59	0.104		0.0222	0.00272	
2	PCB-007			ND		0.0222	0.00260	
2	PCB-008	16.38	1.59	0.138	B	0.0222	0.00532	
2	PCB-009			ND		0.0222	0.00223	
2	PCB-010	13.15	1.50	0.191		0.0222	0.00248	
2	PCB-011			ND		0.218	0.0579	
2	PCB-012/013			ND		0.0445	0.00291	
2	PCB-014			ND		0.0222	0.00210	
2	PCB-015	20.00	1.60	0.159		0.0294	0.00574	
3	PCB-016	19.92	0.97	0.0594		0.0222	0.00324	
3	PCB-017	19.41	1.02	0.526		0.0222	0.00360	
3	PCB-018/030	18.93	1.03	0.345		0.0445	0.00589	
3	PCB-019	16.73	1.05	3.56		0.0222	0.00302	
3	PCB-020/028	23.42	1.04	0.162		0.115	0.00668	
3	PCB-021/033			ND		0.120	0.00552	
3	PCB-022			ND		0.0845	0.00364	
3	PCB-023			ND		0.0222	0.00110	
3	PCB-024			ND		0.0222	0.00123	
3	PCB-025	22.74	1.03	0.135		0.0222	0.00143	
3	PCB-026/029	22.46	1.06	0.189		0.0445	0.00231	
3	PCB-027	19.66	1.02	0.464		0.0222	0.00099	
3	PCB-031	23.08	1.05	0.158		0.116	0.00808	
3	PCB-032	20.54	1.07	0.442		0.0222	0.00270	
3	PCB-034			ND		0.0222	0.00108	
3	PCB-035			ND		0.0222	0.00110	
3	PCB-036			ND		0.0222	0.00104	
3	PCB-037			ND		0.0471	0.00269	
3	PCB-038			ND		0.0222	0.00109	
3	PCB-039			ND		0.0222	0.00140	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10711985008
Lab File ID: P241106A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 16:20
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 08:19
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.58	0.77	0.325		0.0667	0.00457	
4	PCB-042	27.05	0.73	0.0985		0.0222	0.00242	
4	PCB-043/073	25.57	0.78	0.0985		0.0445	0.00219	
4	PCB-044/047/065	26.54	0.77	2.88		0.0667	0.00646	
4	PCB-045/051	23.59	0.77	2.31		0.0445	0.00334	
4	PCB-046	23.84	0.82	0.0854		0.0222	0.00150	
4	PCB-048			ND		0.0222	0.00177	
4	PCB-069/049	25.94	0.78	1.64		0.0445	0.00375	
4	PCB-050/053	22.75	0.78	1.74		0.0445	0.00191	
4	PCB-052	25.41	0.77	1.46		0.115	0.0135	
4	PCB-054	20.32	0.78	0.703		0.0222	0.00102	
4	PCB-055			ND		0.0222	0.00151	
4	PCB-056			ND		0.0222	0.00340	
4	PCB-057			ND		0.0222	0.00102	
4	PCB-058			ND		0.0222	0.00130	
4	PCB-059/062/075			ND		0.0667	0.00229	
4	PCB-060			ND		0.0222	0.00187	
4	PCB-061/070/074/076	30.56	0.80	0.183		0.0890	0.00803	
4	PCB-063			ND		0.0222	0.00087	
4	PCB-064	27.83	0.76	0.0641		0.0222	0.00219	
4	PCB-066	30.90	0.79	0.147		0.0525	0.00418	
4	PCB-067			ND		0.0222	0.00122	
4	PCB-068	29.04	0.73	0.0333		0.0222	0.00111	
4	PCB-072			ND		0.0222	0.00078	
4	PCB-077			ND		0.0222	0.00135	
4	PCB-078			ND		0.0222	0.00113	
4	PCB-079			ND		0.0222	0.00078	
4	PCB-080			ND		0.0222	0.00110	
4	PCB-081			ND		0.0222	0.00084	
5	PCB-082	35.11	1.47	0.0327		0.0222	0.00135	
5	PCB-083	33.22	1.53	0.0379		0.0222	0.00116	
5	PCB-084	30.76	1.62	0.157		0.0222	0.00232	
5	PCB-085/116/117	34.58	1.53	0.106		0.0667	0.00308	
5	PCB-086/087/097/108/119/12	33.90	1.58	0.418		0.133	0.00588	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10711985008
Lab File ID: P241106A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 16:20
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 08:19
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.54	1.52	0.433		0.0445	0.00179	
5	PCB-089			ND		0.0222	0.00127	
5	PCB-090/101/113	32.72	1.55	1.28		0.0667	0.00455	
5	PCB-092	32.11	1.54	0.340		0.0222	0.00096	
5	PCB-093/098/100/102	29.88	1.57	0.498		0.0890	0.00410	
5	PCB-094	29.15	1.53	0.0946		0.0222	0.00082	
5	PCB-095	29.61	1.57	1.18		0.0623	0.00624	
5	PCB-096	26.82	1.51	0.0549		0.0222	0.00084	
5	PCB-099	33.34	1.56	0.437		0.0222	0.00187	
5	PCB-103	28.92	1.62	0.167		0.0222	0.00068	
5	PCB-104	26.44	1.53	0.0570		0.0222	0.00128	
5	PCB-105	39.13	1.62	0.0757		0.0222	0.00286	
5	PCB-106			ND		0.0222	0.00112	
5	PCB-107/124			ND		0.0445	0.00200	
5	PCB-109	37.46	1.67	0.0278		0.0222	0.00141	
5	PCB-110/115	34.78	1.58	0.773		0.0445	0.00507	
5	PCB-111			ND		0.0222	0.00087	
5	PCB-112			ND		0.0222	0.00138	
5	PCB-114			ND		0.0222	0.00113	
5	PCB-118	37.91	1.58	0.285		0.0347	0.00516	
5	PCB-120			ND		0.0222	0.00085	
5	PCB-121			ND		0.0222	0.00118	
5	PCB-122			ND		0.0222	0.00122	
5	PCB-123			ND		0.0222	0.00132	
5	PCB-126			ND		0.0222	0.00077	
5	PCB-127			ND		0.0222	0.00112	
6	PCB-128/166	42.40	1.26	0.0806		0.0445	0.00240	
6	PCB-129/138/163	41.11	1.25	1.41		0.0667	0.00500	
6	PCB-130	40.44	1.19	0.0639		0.0222	0.00122	
6	PCB-131			ND		0.0222	0.00147	
6	PCB-132	37.99	1.25	0.458		0.0222	0.00166	
6	PCB-133	38.53	1.18	0.0433		0.0222	0.00110	
6	PCB-134/143	36.92	1.11	0.0742		0.0445	0.00274	
6	PCB-135/151	35.74	1.24	1.00		0.0445	0.00299	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10711985008
Lab File ID: P241106A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 16:20
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 08:19
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.22	1.26	0.333		0.0222	0.00152	
6	PCB-137	40.68	1.26	0.0247		0.0222	0.00162	
6	PCB-139/140			ND		0.0445	0.00209	
6	PCB-141	40.02	1.23	0.340		0.0222	0.00197	
6	PCB-142			ND		0.0222	0.00137	
6	PCB-144	36.34	1.22	0.105		0.0222	0.00089	
6	PCB-145			ND		0.0222	0.00102	
6	PCB-146	39.20	1.24	0.278		0.0222	0.00126	
6	PCB-147/149	36.70	1.26	1.97		0.0445	0.00381	
6	PCB-148			ND		0.0222	0.00104	
6	PCB-150			ND		0.0222	0.00105	
6	PCB-152			ND		0.0222	0.00084	
6	PCB-153/168	39.84	1.25	1.61		0.0445	0.00299	
6	PCB-154	36.02	1.22	0.0621		0.0222	0.00131	
6	PCB-155			ND		0.0222	0.00116	
6	PCB-156/157	45.36	1.29	0.0674		0.0445	0.00165	
6	PCB-158	41.53	1.20	0.101		0.0222	0.00122	
6	PCB-159			ND		0.0222	0.00110	
6	PCB-160			ND		0.0222	0.00126	
6	PCB-161			ND		0.0222	0.00077	
6	PCB-162			ND		0.0222	0.00111	
6	PCB-164	40.79	1.22	0.107		0.0222	0.00138	
6	PCB-165			ND		0.0222	0.00082	
6	PCB-167	44.20	1.27	0.0382		0.0222	0.00160	
6	PCB-169			ND		0.0222	0.00101	
7	PCB-170	48.06	1.02	0.398		0.0222	0.00142	
7	PCB-171/173	44.45	1.05	0.149		0.0445	0.00183	
7	PCB-172	46.11	1.04	0.0878		0.0222	0.00444	
7	PCB-174	43.35	1.07	0.574		0.0222	0.00160	
7	PCB-175	42.22	1.00	0.0233		0.0222	0.00106	
7	PCB-176	39.69	0.99	0.0839		0.0222	0.00088	
7	PCB-177	43.82	1.02	0.362		0.0222	0.00182	
7	PCB-178	41.56	0.99	0.152		0.0222	0.00117	
7	PCB-179	38.76	1.02	0.319		0.0222	0.00138	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10711985008
Lab File ID: P241106A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 16:20
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 08:19
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.77	1.04	1.03		0.0445	0.00405	
7	PCB-181			ND		0.0222	0.00147	
7	PCB-182			ND		0.0222	0.00121	
7	PCB-183/185	43.13	1.00	0.408		0.0445	0.00269	
7	PCB-184			ND		0.0222	0.00062	
7	PCB-186			ND		0.0222	0.00146	
7	PCB-187	42.49	1.06	0.747		0.0222	0.00165	
7	PCB-188			ND		0.0222	0.00070	
7	PCB-189			ND		0.0222	0.00155	
7	PCB-190	48.60	0.99	0.0982		0.0222	0.00155	
7	PCB-191			ND		0.0222	0.00142	
7	PCB-192			ND		0.0222	0.00143	
8	PCB-194	53.35	0.91	0.222		0.0222	0.00219	
8	PCB-195	50.98	0.92	0.104		0.0222	0.00225	
8	PCB-196	49.44	0.91	0.125		0.0222	0.00110	
8	PCB-197/200			ND		0.0445	0.00186	
8	PCB-198/199	48.76	0.87	0.230		0.0445	0.00192	
8	PCB-201	44.87	0.90	0.0329		0.0222	0.00064	
8	PCB-202	43.93	0.92	0.0519		0.0222	0.00119	
8	PCB-203	49.64	0.89	0.161		0.0222	0.00115	
8	PCB-204			ND		0.0222	0.00115	
8	PCB-205			ND		0.0222	0.00183	
9	PCB-206	55.57	0.82	0.0531		0.0222	0.00217	
9	PCB-207			ND		0.0222	0.00132	
9	PCB-208			ND		0.0222	0.00125	
10	PCB-209			ND		0.0222	0.00696	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10711985008
Lab File ID: P241106A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 10/09/2024 16:20
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 08:19
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.197	
Total DiCB	6.68	B
Total TrCB	6.05	
Total TeCB	11.8	
Total PeCB	6.45	
Total HxCB	8.16	
Total HpCB	4.44	
Total OcCB	0.928	
Total NoCB	0.0531	
DeCB	ND	
Total PCBs	44.7	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10711985009
Lab File ID: P241106A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 10/10/2024 14:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 09:21
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115453

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.89	3.06	2.00	1.25	63	
1	PCB-003L	12.66	3.11	2.00	1.43	71	
2	PCB-004L	12.95	1.52	2.00	1.31	65	
2	PCB-015L	20.00	1.58	2.00	1.78	89	
3	PCB-019L	16.74	1.05	2.00	1.32	66	
3	PCB-037L	27.78	1.06	2.00	1.83	92	
4	PCB-054L	20.32	0.78	2.00	1.51	76	
4	PCB-077L	35.51	0.79	2.00	1.68	84	
4	PCB-081L	34.92	0.80	2.00	1.79	90	
5	PCB-104L	26.44	1.57	2.00	1.66	83	
5	PCB-105L	39.12	1.62	2.00	1.73	86	
5	PCB-114L	38.46	1.62	2.00	1.78	89	
5	PCB-118L	37.91	1.60	2.00	1.81	91	
5	PCB-123L	37.57	1.58	2.00	1.85	92	
5	PCB-126L	42.30	1.61	2.00	1.72	86	
6	PCB-155L	32.51	1.25	2.00	1.84	92	
6	PCB-156/157L	45.38	1.28	4.00	3.40	85	
6	PCB-167L	44.20	1.30	2.00	1.81	91	
6	PCB-169L	48.70	1.29	2.00	1.62	81	
7	PCB-188L	38.43	1.05	2.00	2.22	111	
7	PCB-189L	51.23	1.08	2.00	1.90	95	
8	PCB-202L	43.93	0.89	2.00	2.02	101	
8	PCB-205L	53.82	0.88	2.00	1.61	81	
9	PCB-206L	55.57	0.80	2.00	1.43	72	
9	PCB-208L	50.72	0.78	2.00	1.72	86	
10	PCB-209L	57.18	0.70	2.00	1.36	68	
Recovery Standards							
2	PCB-009L	15.40	1.61	2.00	2.56	N/A	
4	PCB-052L	25.40	0.78	2.00	2.86	N/A	
5	PCB-101L	32.72	1.53	2.00	2.72	N/A	
6	PCB-138L	41.11	1.26	2.00	2.45	N/A	
8	PCB-194L	53.35	0.90	2.00	1.89	N/A	
Cleanup Standards							
3	PCB-028L	23.42	1.06	2.00	1.69	84	
5	PCB-111L	35.54	1.58	2.00	1.44	72	
7	PCB-178L	41.56	1.04	2.00	1.63	82	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10711985009
Lab File ID: P241106A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 10/10/2024 14:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 09:21
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	9.90	3.20	0.185		0.0224	0.00397	
1	PCB-002			ND		0.0224	0.00404	
1	PCB-003			ND		0.0224	0.00752	
2	PCB-004	12.98	1.56	6.91		0.0224	0.00506	
2	PCB-005			ND		0.0224	0.00540	
2	PCB-006	15.90	1.59	0.112		0.0224	0.00274	
2	PCB-007			ND		0.0224	0.00262	
2	PCB-008	16.42	1.57	0.128	B U	0.0224	0.00535	
2	PCB-009			ND		0.0224	0.00168	
2	PCB-010	13.19	1.54	0.208		0.0224	0.00246	
2	PCB-011			ND		0.219	0.0583	
2	PCB-012/013			ND		0.0447	0.00293	
2	PCB-014			ND		0.0224	0.00197	
2	PCB-015	20.03	1.58	0.155		0.0295	0.00577	
3	PCB-016	19.94	1.03	0.0649		0.0224	0.00326	
3	PCB-017	19.44	1.05	0.552		0.0224	0.00362	
3	PCB-018/030	18.95	1.04	0.365		0.0447	0.00593	
3	PCB-019	16.76	1.05	3.66		0.0224	0.00304	
3	PCB-020/028	23.43	1.06	0.141		0.115	0.00672	
3	PCB-021/033			ND		0.121	0.00555	
3	PCB-022			ND		0.0850	0.00366	
3	PCB-023			ND		0.0224	0.00111	
3	PCB-024			ND		0.0224	0.00124	
3	PCB-025	22.77	1.05	0.128		0.0224	0.00144	
3	PCB-026/029	22.49	1.06	0.210		0.0447	0.00233	
3	PCB-027	19.68	1.04	0.510		0.0224	0.00099	
3	PCB-031	23.11	1.06	0.151		0.116	0.00813	
3	PCB-032	20.56	1.07	0.362		0.0224	0.00272	
3	PCB-034			ND		0.0224	0.00109	
3	PCB-035			ND		0.0224	0.00111	
3	PCB-036			ND		0.0224	0.00104	
3	PCB-037			ND		0.0474	0.00271	
3	PCB-038			ND		0.0224	0.00110	
3	PCB-039			ND		0.0224	0.00141	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10711985009
Lab File ID: P241106A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 10/10/2024 14:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 09:21
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.61	0.80	0.277		0.0671	0.00460	
4	PCB-042	27.07	0.78	0.0889		0.0224	0.00244	
4	PCB-043/073	25.58	0.79	0.0943		0.0447	0.00220	
4	PCB-044/047/065	26.56	0.78	2.41		0.0671	0.00650	
4	PCB-045/051	23.60	0.78	1.92		0.0447	0.00336	
4	PCB-046	23.85	0.81	0.0827		0.0224	0.00151	
4	PCB-048			ND		0.0224	0.00178	
4	PCB-069/049	25.96	0.76	1.52		0.0447	0.00377	
4	PCB-050/053	22.77	0.78	1.61		0.0447	0.00192	
4	PCB-052	25.43	0.79	1.62		0.115	0.0135	
4	PCB-054	20.34	0.78	0.627		0.0224	0.00102	
4	PCB-055			ND		0.0224	0.00152	
4	PCB-056			ND		0.0224	0.00342	
4	PCB-057			ND		0.0224	0.00102	
4	PCB-058			ND		0.0224	0.00131	
4	PCB-059/062/075			ND		0.0671	0.00230	
4	PCB-060			ND		0.0224	0.00188	
4	PCB-061/070/074/076	30.57	0.81	0.199		0.0895	0.00808	
4	PCB-063			ND		0.0224	0.00087	
4	PCB-064	27.84	0.76	0.0702		0.0224	0.00220	
4	PCB-066	30.93	0.80	0.139		0.0528	0.00421	
4	PCB-067			ND		0.0224	0.00123	
4	PCB-068	29.07	0.74	0.0261		0.0224	0.00112	
4	PCB-072			ND		0.0224	0.00078	
4	PCB-077			ND		0.0224	0.00135	
4	PCB-078			ND		0.0224	0.00114	
4	PCB-079			ND		0.0224	0.00078	
4	PCB-080			ND		0.0224	0.00110	
4	PCB-081			ND		0.0224	0.00074	
5	PCB-082	35.14	1.67	0.0396		0.0224	0.00135	
5	PCB-083	33.23	1.46	0.0397		0.0224	0.00116	
5	PCB-084	30.77	1.55	0.184		0.0224	0.00234	
5	PCB-085/116/117	34.61	1.55	0.101		0.0671	0.00310	
5	PCB-086/087/097/108/119/12	33.93	1.57	0.438		0.134	0.00592	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10711985009
Lab File ID: P241106A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 10/10/2024 14:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 09:21
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.56	1.55	0.381		0.0447	0.00180	
5	PCB-089			ND		0.0224	0.00128	
5	PCB-090/101/113	32.75	1.54	1.41		0.0671	0.00458	
5	PCB-092	32.14	1.51	0.337		0.0224	0.00097	
5	PCB-093/098/100/102	29.89	1.55	0.426		0.0895	0.00413	
5	PCB-094	29.17	1.65	0.0806		0.0224	0.00083	
5	PCB-095	29.63	1.58	1.37		0.0626	0.00628	
5	PCB-096	26.84	1.52	0.0455		0.0224	0.00084	
5	PCB-099	33.37	1.56	0.423		0.0224	0.00188	
5	PCB-103	28.95	1.60	0.147		0.0224	0.00069	
5	PCB-104	26.47	1.55	0.0476		0.0224	0.00129	
5	PCB-105	39.15	1.68	0.0923		0.0224	0.00288	
5	PCB-106			ND		0.0224	0.00113	
5	PCB-107/124			ND		0.0447	0.00201	
5	PCB-109	37.47	1.59	0.0327		0.0224	0.00142	
5	PCB-110/115	34.81	1.57	0.875		0.0447	0.00510	
5	PCB-111			ND		0.0224	0.00088	
5	PCB-112			ND		0.0224	0.00139	
5	PCB-114			ND		0.0224	0.00114	
5	PCB-118	37.94	1.62	0.343		0.0349	0.00519	
5	PCB-120			ND		0.0224	0.00085	
5	PCB-121			ND		0.0224	0.00119	
5	PCB-122			ND		0.0224	0.00123	
5	PCB-123			ND		0.0224	0.00133	
5	PCB-126			ND		0.0224	0.00084	
5	PCB-127			ND		0.0224	0.00113	
6	PCB-128/166	42.44	1.22	0.0978		0.0447	0.00242	
6	PCB-129/138/163	41.14	1.26	1.70		0.0671	0.00503	
6	PCB-130	40.46	1.24	0.0766		0.0224	0.00152	
6	PCB-131			ND		0.0224	0.00158	
6	PCB-132	38.03	1.22	0.556		0.0224	0.00167	
6	PCB-133	38.55	1.25	0.0438		0.0224	0.00142	
6	PCB-134/143	36.94	1.22	0.0990		0.0447	0.00275	
6	PCB-135/151	35.77	1.24	1.09		0.0447	0.00301	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10711985009
Lab File ID: P241106A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 10/10/2024 14:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 09:21
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.25	1.26	0.367		0.0224	0.00153	
6	PCB-137	40.69	1.25	0.0230		0.0224	0.00163	
6	PCB-139/140			ND		0.0447	0.00210	
6	PCB-141	40.05	1.28	0.404		0.0224	0.00198	
6	PCB-142			ND		0.0224	0.00149	
6	PCB-144	36.36	1.21	0.121		0.0224	0.00090	
6	PCB-145			ND		0.0224	0.00102	
6	PCB-146	39.22	1.26	0.320		0.0224	0.00126	
6	PCB-147/149	36.72	1.24	2.23		0.0447	0.00384	
6	PCB-148			ND		0.0224	0.00104	
6	PCB-150			ND		0.0224	0.00106	
6	PCB-152			ND		0.0224	0.00085	
6	PCB-153/168	39.85	1.24	1.89		0.0447	0.00301	
6	PCB-154	36.05	1.27	0.0585		0.0224	0.00132	
6	PCB-155			ND		0.0224	0.00116	
6	PCB-156/157	45.39	1.22	0.0898		0.0447	0.00166	
6	PCB-158	41.55	1.27	0.123		0.0224	0.00123	
6	PCB-159			ND		0.0224	0.00114	
6	PCB-160			ND		0.0224	0.00126	
6	PCB-161			ND		0.0224	0.00101	
6	PCB-162			ND		0.0224	0.00113	
6	PCB-164	40.81	1.25	0.122		0.0224	0.00139	
6	PCB-165			ND		0.0224	0.00106	
6	PCB-167	44.22	1.27	0.0471		0.0224	0.00161	
6	PCB-169			ND		0.0224	0.00141	
7	PCB-170	48.08	1.04	0.475		0.0224	0.00143	
7	PCB-171/173	44.49	1.00	0.178		0.0447	0.00185	
7	PCB-172	46.13	1.05	0.105		0.0224	0.00446	
7	PCB-174	43.38	1.06	0.681		0.0224	0.00161	
7	PCB-175	42.23	1.11	0.0264		0.0224	0.00106	
7	PCB-176	39.70	1.06	0.0981		0.0224	0.00088	
7	PCB-177	43.83	1.02	0.421		0.0224	0.00183	
7	PCB-178	41.58	1.05	0.172		0.0224	0.00117	
7	PCB-179	38.80	1.02	0.361		0.0224	0.00139	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10711985009
Lab File ID: P241106A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 10/10/2024 14:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 09:21
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.80	1.05	1.19		0.0447	0.00407	
7	PCB-181			ND		0.0224	0.00148	
7	PCB-182			ND		0.0224	0.00122	
7	PCB-183/185	43.16	1.03	0.484		0.0447	0.00271	
7	PCB-184			ND		0.0224	0.00062	
7	PCB-186			ND		0.0224	0.00147	
7	PCB-187	42.52	1.02	0.839		0.0224	0.00166	
7	PCB-188			ND		0.0224	0.00070	
7	PCB-189			ND		0.0224	0.00127	
7	PCB-190	48.63	1.03	0.111		0.0224	0.00156	
7	PCB-191			ND		0.0224	0.00143	
7	PCB-192			ND		0.0224	0.00144	
8	PCB-194	53.37	0.93	0.244		0.0224	0.00208	
8	PCB-195	51.00	0.89	0.118		0.0224	0.00213	
8	PCB-196	49.45	0.89	0.145		0.0224	0.00161	
8	PCB-197/200	45.91	0.87	0.0521		0.0447	0.00187	
8	PCB-198/199	48.78	0.90	0.270		0.0447	0.00194	
8	PCB-201	44.91	0.87	0.0374		0.0224	0.00098	
8	PCB-202	43.95	0.91	0.0585		0.0224	0.00120	
8	PCB-203	49.65	0.89	0.187		0.0224	0.00154	
8	PCB-204			ND		0.0224	0.00115	
8	PCB-205			ND		0.0224	0.00186	
9	PCB-206	55.59	0.85	0.0564		0.0224	0.00267	
9	PCB-207			ND		0.0224	0.00164	
9	PCB-208			ND		0.0224	0.00176	
10	PCB-209			ND		0.0224	0.00700	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10711985009
Lab File ID: P241106A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 10/10/2024 14:15
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 09:21
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1790mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.185	
Total DiCB	7.51	B
Total TrCB	6.14	
Total TeCB	10.7	
Total PeCB	6.81	
Total HxCB	9.46	
Total HpCB	5.14	
Total OcCB	1.11	
Total NoCB	0.0564	
DeCB	ND	
Total PCBs	47.1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10711985010
Lab File ID: P241106A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/10/2024 15:30
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 10:23
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115453

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.87	3.12	2.00	1.23	62	
1	PCB-003L	12.65	3.00	2.00	1.40	70	
2	PCB-004L	12.94	1.53	2.00	1.33	67	
2	PCB-015L	20.01	1.59	2.00	1.76	88	
3	PCB-019L	16.74	1.04	2.00	1.38	69	
3	PCB-037L	27.78	1.07	2.00	1.73	86	
4	PCB-054L	20.32	0.80	2.00	1.46	73	
4	PCB-077L	35.50	0.80	2.00	1.64	82	
4	PCB-081L	34.93	0.79	2.00	1.74	87	
5	PCB-104L	26.43	1.56	2.00	1.60	80	
5	PCB-105L	39.13	1.61	2.00	1.59	80	
5	PCB-114L	38.47	1.64	2.00	1.68	84	
5	PCB-118L	37.92	1.60	2.00	1.67	83	
5	PCB-123L	37.57	1.58	2.00	1.69	84	
5	PCB-126L	42.31	1.59	2.00	1.56	78	
6	PCB-155L	32.50	1.26	2.00	1.81	90	
6	PCB-156/157L	45.38	1.31	4.00	3.18	80	
6	PCB-167L	44.19	1.29	2.00	1.68	84	
6	PCB-169L	48.69	1.28	2.00	1.56	78	
7	PCB-188L	38.44	1.03	2.00	2.01	100	
7	PCB-189L	51.24	1.08	2.00	1.74	87	
8	PCB-202L	43.93	0.91	2.00	1.85	93	
8	PCB-205L	53.83	0.90	2.00	1.52	76	
9	PCB-206L	55.57	0.79	2.00	1.38	69	
9	PCB-208L	50.72	0.79	2.00	1.63	81	
10	PCB-209L	57.19	0.71	2.00	1.27	63	
Recovery Standards							
2	PCB-009L	15.39	1.60	2.00	2.58	N/A	
4	PCB-052L	25.40	0.79	2.00	2.90	N/A	
5	PCB-101L	32.72	1.58	2.00	2.82	N/A	
6	PCB-138L	41.10	1.25	2.00	2.54	N/A	
8	PCB-194L	53.35	0.92	2.00	2.06	N/A	
Cleanup Standards							
3	PCB-028L	23.42	1.06	2.00	1.57	78	
5	PCB-111L	35.53	1.56	2.00	1.41	71	
7	PCB-178L	41.56	1.04	2.00	1.57	79	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10711985010
Lab File ID: P241106A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/10/2024 15:30
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 10:23
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	9.88	3.24	0.0648		0.0227	0.00402	
1	PCB-002			ND		0.0227	0.00409	
1	PCB-003			ND		0.0227	0.00762	
2	PCB-004	12.96	1.54	8.13		0.0227	0.00512	
2	PCB-005			ND		0.0227	0.00547	
2	PCB-006	15.90	1.57	0.125		0.0227	0.00279	
2	PCB-007			ND		0.0227	0.00271	
2	PCB-008	16.42	1.62	0.151	B	0.0227	0.00542	
2	PCB-009	15.41	1.60	0.0247		0.0227	0.00193	
2	PCB-010	13.19	1.52	0.206		0.0227	0.00196	
2	PCB-011			ND		0.222	0.0591	
2	PCB-012/013	19.64	1.54	0.0470		0.0453	0.00297	
2	PCB-014			ND		0.0227	0.00269	
2	PCB-015	20.03	1.63	0.171		0.0299	0.00585	
3	PCB-016	19.94	1.05	0.160		0.0227	0.00330	
3	PCB-017	19.43	1.03	0.459		0.0227	0.00367	
3	PCB-018/030	18.95	1.06	0.545		0.0453	0.00601	
3	PCB-019	16.76	1.04	1.64		0.0227	0.00308	
3	PCB-020/028			ND		0.117	0.00681	
3	PCB-021/033			ND		0.122	0.00562	
3	PCB-022			ND		0.0861	0.00371	
3	PCB-023			ND		0.0227	0.00113	
3	PCB-024			ND		0.0227	0.00126	
3	PCB-025	22.77	1.07	0.0727		0.0227	0.00146	
3	PCB-026/029	22.49	1.07	0.199		0.0453	0.00236	
3	PCB-027	19.68	1.04	0.387		0.0227	0.00101	
3	PCB-031	23.11	1.10	0.178		0.118	0.00824	
3	PCB-032	20.55	1.06	0.204		0.0227	0.00275	
3	PCB-034			ND		0.0227	0.00110	
3	PCB-035			ND		0.0227	0.00112	
3	PCB-036			ND		0.0227	0.00106	
3	PCB-037			ND		0.0481	0.00274	
3	PCB-038			ND		0.0227	0.00111	
3	PCB-039			ND		0.0227	0.00143	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10711985010
Lab File ID: P241106A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/10/2024 15:30
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 10:23
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.61	0.76	0.127		0.0680	0.00466	
4	PCB-042	27.08	0.81	0.0599		0.0227	0.00247	
4	PCB-043/073			ND		0.0453	0.00223	
4	PCB-044/047/065	26.52	0.77	0.572		0.0680	0.00659	
4	PCB-045/051	23.60	0.78	0.303		0.0453	0.00340	
4	PCB-046	23.85	0.77	0.0543		0.0227	0.00153	
4	PCB-048			ND		0.0227	0.00180	
4	PCB-069/049	25.97	0.78	0.492		0.0453	0.00382	
4	PCB-050/053	22.77	0.78	0.507		0.0453	0.00195	
4	PCB-052	25.43	0.78	1.21		0.117	0.0137	
4	PCB-054	20.34	0.82	0.121		0.0227	0.00104	
4	PCB-055			ND		0.0227	0.00154	
4	PCB-056			ND		0.0227	0.00347	
4	PCB-057			ND		0.0227	0.00104	
4	PCB-058			ND		0.0227	0.00133	
4	PCB-059/062/075			ND		0.0680	0.00234	
4	PCB-060			ND		0.0227	0.00190	
4	PCB-061/070/074/076	30.57	0.82	0.184		0.0907	0.00818	
4	PCB-063			ND		0.0227	0.00089	
4	PCB-064	27.84	0.77	0.0966		0.0227	0.00223	
4	PCB-066	30.92	0.79	0.0700		0.0535	0.00426	
4	PCB-067			ND		0.0227	0.00125	
4	PCB-068			ND		0.0227	0.00113	
4	PCB-072			ND		0.0227	0.00079	
4	PCB-077			ND		0.0227	0.00137	
4	PCB-078			ND		0.0227	0.00116	
4	PCB-079			ND		0.0227	0.00079	
4	PCB-080			ND		0.0227	0.00112	
4	PCB-081			ND		0.0227	0.00075	
5	PCB-082			ND		0.0227	0.00137	
5	PCB-083			ND		0.0227	0.00118	
5	PCB-084	30.77	1.59	0.131		0.0227	0.00237	
5	PCB-085/116/117			ND		0.0680	0.00314	
5	PCB-086/087/097/108/119/12	33.94	1.57	0.137		0.136	0.00600	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10711985010
Lab File ID: P241106A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/10/2024 15:30
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 10:23
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.55	1.57	0.0710		0.0453	0.00182	
5	PCB-089			ND		0.0227	0.00129	
5	PCB-090/101/113	32.75	1.55	0.441		0.0680	0.00464	
5	PCB-092	32.13	1.58	0.0649		0.0227	0.00098	
5	PCB-093/098/100/102			ND		0.0907	0.00418	
5	PCB-094			ND		0.0227	0.00084	
5	PCB-095	29.63	1.56	0.803		0.0635	0.00636	
5	PCB-096			ND		0.0227	0.00085	
5	PCB-099	33.37	1.57	0.108		0.0227	0.00190	
5	PCB-103			ND		0.0227	0.00070	
5	PCB-104			ND		0.0227	0.00130	
5	PCB-105	39.14	1.57	0.0358		0.0227	0.00291	
5	PCB-106			ND		0.0227	0.00114	
5	PCB-107/124			ND		0.0453	0.00204	
5	PCB-109			ND		0.0227	0.00144	
5	PCB-110/115	34.81	1.58	0.291		0.0453	0.00517	
5	PCB-111			ND		0.0227	0.00089	
5	PCB-112			ND		0.0227	0.00141	
5	PCB-114			ND		0.0227	0.00116	
5	PCB-118	37.94	1.58	0.0979		0.0354	0.00526	
5	PCB-120			ND		0.0227	0.00086	
5	PCB-121			ND		0.0227	0.00120	
5	PCB-122			ND		0.0227	0.00125	
5	PCB-123			ND		0.0227	0.00135	
5	PCB-126			ND		0.0227	0.00093	
5	PCB-127			ND		0.0227	0.00114	
6	PCB-128/166			ND		0.0453	0.00245	
6	PCB-129/138/163	41.14	1.26	0.233		0.0680	0.00510	
6	PCB-130			ND		0.0227	0.00166	
6	PCB-131			ND		0.0227	0.00172	
6	PCB-132	38.02	1.31	0.0960		0.0227	0.00169	
6	PCB-133			ND		0.0227	0.00155	
6	PCB-134/143			ND		0.0453	0.00279	
6	PCB-135/151	35.77	1.28	0.184		0.0453	0.00305	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10711985010
Lab File ID: P241106A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/10/2024 15:30
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 10:23
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.24	1.24	0.0883		0.0227	0.00155	
6	PCB-137			ND		0.0227	0.00165	
6	PCB-139/140			ND		0.0453	0.00213	
6	PCB-141	40.05	1.24	0.0576		0.0227	0.00201	
6	PCB-142			ND		0.0227	0.00163	
6	PCB-144			ND		0.0227	0.00091	
6	PCB-145			ND		0.0227	0.00104	
6	PCB-146	39.23	1.21	0.0373		0.0227	0.00128	
6	PCB-147/149	36.73	1.23	0.341		0.0453	0.00389	
6	PCB-148			ND		0.0227	0.00106	
6	PCB-150			ND		0.0227	0.00107	
6	PCB-152			ND		0.0227	0.00086	
6	PCB-153/168	39.86	1.25	0.243		0.0453	0.00305	
6	PCB-154			ND		0.0227	0.00134	
6	PCB-155			ND		0.0227	0.00118	
6	PCB-156/157			ND		0.0453	0.00208	
6	PCB-158			ND		0.0227	0.00125	
6	PCB-159			ND		0.0227	0.00140	
6	PCB-160			ND		0.0227	0.00128	
6	PCB-161			ND		0.0227	0.00110	
6	PCB-162			ND		0.0227	0.00142	
6	PCB-164			ND		0.0227	0.00141	
6	PCB-165			ND		0.0227	0.00116	
6	PCB-167			ND		0.0227	0.00163	
6	PCB-169			ND		0.0227	0.00190	
7	PCB-170	48.08	0.96	0.0496		0.0227	0.00145	
7	PCB-171/173			ND		0.0453	0.00187	
7	PCB-172			ND		0.0227	0.00452	
7	PCB-174	43.37	1.05	0.0695	U	0.0227	0.00163	
7	PCB-175			ND		0.0227	0.00108	
7	PCB-176			ND		0.0227	0.00089	
7	PCB-177	43.83	1.03	0.0374		0.0227	0.00186	
7	PCB-178			ND		0.0227	0.00119	
7	PCB-179	38.79	1.02	0.0361		0.0227	0.00141	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10711985010
Lab File ID: P241106A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/10/2024 15:30
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 10:23
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.79	1.03	0.116		0.0453	0.00413	
7	PCB-181			ND		0.0227	0.00150	
7	PCB-182			ND		0.0227	0.00124	
7	PCB-183/185	43.15	1.03	0.0478		0.0453	0.00274	
7	PCB-184			ND		0.0227	0.00063	
7	PCB-186			ND		0.0227	0.00148	
7	PCB-187	42.51	1.07	0.0796	U	0.0227	0.00168	
7	PCB-188			ND		0.0227	0.00071	
7	PCB-189			ND		0.0227	0.00176	
7	PCB-190			ND		0.0227	0.00158	
7	PCB-191			ND		0.0227	0.00145	
7	PCB-192			ND		0.0227	0.00146	
8	PCB-194			ND		0.0227	0.00303	
8	PCB-195			ND		0.0227	0.00335	
8	PCB-196			ND		0.0227	0.00170	
8	PCB-197/200			ND		0.0453	0.00189	
8	PCB-198/199			ND		0.0453	0.00196	
8	PCB-201			ND		0.0227	0.00104	
8	PCB-202			ND		0.0227	0.00121	
8	PCB-203			ND		0.0227	0.00162	
8	PCB-204			ND		0.0227	0.00117	
8	PCB-205			ND		0.0227	0.00263	
9	PCB-206			ND		0.0227	0.00351	
9	PCB-207			ND		0.0227	0.00210	
9	PCB-208			ND		0.0227	0.00230	
10	PCB-209			ND		0.0227	0.00710	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10711985010
Lab File ID: P241106A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 10/10/2024 15:30
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 10:23
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.0648	
Total DiCB	8.85	B
Total TrCB	3.85	
Total TeCB	3.79	
Total PeCB	2.18	
Total HxCB	1.28	
Total HpCB	0.436	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	20.5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10711985011
Lab File ID: P241106A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 10:30
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 11:24
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115453

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.88	3.10	2.00	1.08	54	
1	PCB-003L	12.67	3.03	2.00	1.28	64	
2	PCB-004L	12.96	1.51	2.00	1.17	59	
2	PCB-015L	20.02	1.60	2.00	1.54	77	
3	PCB-019L	16.75	1.03	2.00	1.22	61	
3	PCB-037L	27.79	1.06	2.00	1.67	84	
4	PCB-054L	20.34	0.80	2.00	1.31	65	
4	PCB-077L	35.52	0.80	2.00	1.69	85	
4	PCB-081L	34.95	0.82	2.00	1.73	87	
5	PCB-104L	26.45	1.53	2.00	1.47	73	
5	PCB-105L	39.14	1.61	2.00	1.67	84	
5	PCB-114L	38.49	1.61	2.00	1.68	84	
5	PCB-118L	37.92	1.60	2.00	1.69	84	
5	PCB-123L	37.58	1.59	2.00	1.72	86	
5	PCB-126L	42.33	1.60	2.00	1.62	81	
6	PCB-155L	32.52	1.27	2.00	1.65	83	
6	PCB-156/157L	45.40	1.29	4.00	3.04	76	
6	PCB-167L	44.21	1.29	2.00	1.62	81	
6	PCB-169L	48.70	1.30	2.00	1.44	72	
7	PCB-188L	38.44	1.05	2.00	2.11	106	
7	PCB-189L	51.26	1.09	2.00	1.72	86	
8	PCB-202L	43.94	0.91	2.00	1.89	95	
8	PCB-205L	53.85	0.89	2.00	1.49	74	
9	PCB-206L	55.59	0.80	2.00	1.33	66	
9	PCB-208L	50.75	0.79	2.00	1.64	82	
10	PCB-209L	57.21	0.70	2.00	1.22	61	
Recovery Standards							
2	PCB-009L	15.41	1.58	2.00	2.53	N/A	
4	PCB-052L	25.41	0.80	2.00	2.72	N/A	
5	PCB-101L	32.73	1.61	2.00	2.68	N/A	
6	PCB-138L	41.12	1.26	2.00	2.61	N/A	
8	PCB-194L	53.35	0.90	2.00	1.98	N/A	
Cleanup Standards							
3	PCB-028L	23.43	1.05	2.00	1.50	75	
5	PCB-111L	35.55	1.58	2.00	1.44	72	
7	PCB-178L	41.57	1.04	2.00	1.53	77	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10711985011
Lab File ID: P241106A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 10:30
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 11:24
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0229	0.00406	
1	PCB-002			ND		0.0229	0.00413	
1	PCB-003			ND		0.0229	0.00768	
2	PCB-004			ND		0.0229	0.00516	
2	PCB-005			ND		0.0229	0.00552	
2	PCB-006			ND		0.0229	0.00280	
2	PCB-007			ND		0.0229	0.00267	
2	PCB-008	16.43	1.54	0.0260	B	0.0229	0.00546	
2	PCB-009			ND		0.0229	0.00218	
2	PCB-010			ND		0.0229	0.00292	
2	PCB-011			ND		0.224	0.0595	
2	PCB-012/013			ND		0.0457	0.00299	
2	PCB-014			ND		0.0229	0.00174	
2	PCB-015			ND		0.0302	0.00590	
3	PCB-016			ND		0.0229	0.00333	
3	PCB-017			ND		0.0229	0.00370	
3	PCB-018/030			ND		0.0457	0.00606	
3	PCB-019			ND		0.0229	0.00311	
3	PCB-020/028			ND		0.118	0.00687	
3	PCB-021/033			ND		0.123	0.00567	
3	PCB-022			ND		0.0868	0.00374	
3	PCB-023			ND		0.0229	0.00113	
3	PCB-024			ND		0.0229	0.00127	
3	PCB-025			ND		0.0229	0.00147	
3	PCB-026/029			ND		0.0457	0.00238	
3	PCB-027			ND		0.0229	0.00102	
3	PCB-031			ND		0.119	0.00831	
3	PCB-032			ND		0.0229	0.00278	
3	PCB-034			ND		0.0229	0.00111	
3	PCB-035			ND		0.0229	0.00113	
3	PCB-036			ND		0.0229	0.00107	
3	PCB-037			ND		0.0484	0.00277	
3	PCB-038			ND		0.0229	0.00112	
3	PCB-039			ND		0.0229	0.00144	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10711985011
Lab File ID: P241106A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 10:30
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 11:24
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0686	0.00470	
4	PCB-042			ND		0.0229	0.00249	
4	PCB-043/073			ND		0.0457	0.00225	
4	PCB-044/047/065			ND		0.0686	0.00664	
4	PCB-045/051			ND		0.0457	0.00343	
4	PCB-046			ND		0.0229	0.00154	
4	PCB-048			ND		0.0229	0.00182	
4	PCB-069/049			ND		0.0457	0.00385	
4	PCB-050/053			ND		0.0457	0.00197	
4	PCB-052			ND		0.118	0.0138	
4	PCB-054			ND		0.0229	0.00105	
4	PCB-055			ND		0.0229	0.00155	
4	PCB-056			ND		0.0229	0.00350	
4	PCB-057			ND		0.0229	0.00104	
4	PCB-058			ND		0.0229	0.00134	
4	PCB-059/062/075			ND		0.0686	0.00235	
4	PCB-060			ND		0.0229	0.00192	
4	PCB-061/070/074/076			ND		0.0914	0.00825	
4	PCB-063			ND		0.0229	0.00094	
4	PCB-064			ND		0.0229	0.00225	
4	PCB-066			ND		0.0539	0.00430	
4	PCB-067			ND		0.0229	0.00126	
4	PCB-068			ND		0.0229	0.00114	
4	PCB-072			ND		0.0229	0.00080	
4	PCB-077			ND		0.0229	0.00138	
4	PCB-078			ND		0.0229	0.00117	
4	PCB-079			ND		0.0229	0.00082	
4	PCB-080			ND		0.0229	0.00113	
4	PCB-081			ND		0.0229	0.00095	
5	PCB-082			ND		0.0229	0.00138	
5	PCB-083			ND		0.0229	0.00119	
5	PCB-084			ND		0.0229	0.00239	
5	PCB-085/116/117			ND		0.0686	0.00317	
5	PCB-086/087/097/108/119/12			ND		0.137	0.00604	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10711985011
Lab File ID: P241106A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 10:30
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 11:24
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0457	0.00184	
5	PCB-089			ND		0.0229	0.00130	
5	PCB-090/101/113			ND		0.0686	0.00467	
5	PCB-092			ND		0.0229	0.00099	
5	PCB-093/098/100/102			ND		0.0914	0.00422	
5	PCB-094			ND		0.0229	0.00085	
5	PCB-095			ND		0.0640	0.00641	
5	PCB-096			ND		0.0229	0.00086	
5	PCB-099			ND		0.0229	0.00192	
5	PCB-103			ND		0.0229	0.00070	
5	PCB-104			ND		0.0229	0.00131	
5	PCB-105			ND		0.0229	0.00294	
5	PCB-106			ND		0.0229	0.00115	
5	PCB-107/124			ND		0.0457	0.00206	
5	PCB-109			ND		0.0229	0.00145	
5	PCB-110/115			ND		0.0457	0.00521	
5	PCB-111			ND		0.0229	0.00090	
5	PCB-112			ND		0.0229	0.00142	
5	PCB-114			ND		0.0229	0.00117	
5	PCB-118			ND		0.0357	0.00530	
5	PCB-120			ND		0.0229	0.00087	
5	PCB-121			ND		0.0229	0.00121	
5	PCB-122			ND		0.0229	0.00126	
5	PCB-123			ND		0.0229	0.00136	
5	PCB-126			ND		0.0229	0.00093	
5	PCB-127			ND		0.0229	0.00115	
6	PCB-128/166			ND		0.0457	0.00247	
6	PCB-129/138/163			ND		0.0686	0.00514	
6	PCB-130			ND		0.0229	0.00173	
6	PCB-131			ND		0.0229	0.00180	
6	PCB-132			ND		0.0229	0.00170	
6	PCB-133			ND		0.0229	0.00162	
6	PCB-134/143			ND		0.0457	0.00281	
6	PCB-135/151			ND		0.0457	0.00307	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10711985011
Lab File ID: P241106A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 10:30
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 11:24
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.0229	0.00157	
6	PCB-137			ND		0.0229	0.00167	
6	PCB-139/140			ND		0.0457	0.00215	
6	PCB-141			ND		0.0229	0.00202	
6	PCB-142			ND		0.0229	0.00170	
6	PCB-144			ND		0.0229	0.00092	
6	PCB-145			ND		0.0229	0.00105	
6	PCB-146			ND		0.0229	0.00134	
6	PCB-147/149	36.74	1.25	0.0580		0.0457	0.00392	
6	PCB-148			ND		0.0229	0.00107	
6	PCB-150			ND		0.0229	0.00108	
6	PCB-152			ND		0.0229	0.00087	
6	PCB-153/168	39.88	1.27	0.0519		0.0457	0.00307	
6	PCB-154			ND		0.0229	0.00135	
6	PCB-155			ND		0.0229	0.00119	
6	PCB-156/157			ND		0.0457	0.00244	
6	PCB-158			ND		0.0229	0.00126	
6	PCB-159			ND		0.0229	0.00134	
6	PCB-160			ND		0.0229	0.00129	
6	PCB-161			ND		0.0229	0.00115	
6	PCB-162			ND		0.0229	0.00184	
6	PCB-164			ND		0.0229	0.00142	
6	PCB-165			ND		0.0229	0.00121	
6	PCB-167			ND		0.0229	0.00181	
6	PCB-169			ND		0.0229	0.00239	
7	PCB-170			ND		0.0229	0.00146	
7	PCB-171/173			ND		0.0457	0.00189	
7	PCB-172			ND		0.0229	0.00456	
7	PCB-174	43.39	1.07	0.0283		0.0229	0.00165	
7	PCB-175			ND		0.0229	0.00109	
7	PCB-176			ND		0.0229	0.00090	
7	PCB-177			ND		0.0229	0.00187	
7	PCB-178			ND		0.0229	0.00120	
7	PCB-179			ND		0.0229	0.00142	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10711985011
Lab File ID: P241106A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 10:30
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 11:24
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.81	1.04	0.0523		0.0457	0.00416	
7	PCB-181			ND		0.0229	0.00151	
7	PCB-182			ND		0.0229	0.00125	
7	PCB-183/185			ND		0.0457	0.00277	
7	PCB-184			ND		0.0229	0.00064	
7	PCB-186			ND		0.0229	0.00150	
7	PCB-187	42.53	1.00	0.0343		0.0229	0.00169	
7	PCB-188			ND		0.0229	0.00072	
7	PCB-189			ND		0.0229	0.00227	
7	PCB-190			ND		0.0229	0.00159	
7	PCB-191			ND		0.0229	0.00146	
7	PCB-192			ND		0.0229	0.00147	
8	PCB-194			ND		0.0229	0.00319	
8	PCB-195			ND		0.0229	0.00335	
8	PCB-196			ND		0.0229	0.00220	
8	PCB-197/200			ND		0.0457	0.00191	
8	PCB-198/199			ND		0.0457	0.00209	
8	PCB-201			ND		0.0229	0.00135	
8	PCB-202			ND		0.0229	0.00134	
8	PCB-203			ND		0.0229	0.00210	
8	PCB-204			ND		0.0229	0.00136	
8	PCB-205			ND		0.0229	0.00293	
9	PCB-206			ND		0.0229	0.00449	
9	PCB-207			ND		0.0229	0.00266	
9	PCB-208			ND		0.0229	0.00262	
10	PCB-209			ND		0.0229	0.00715	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10711985011
Lab File ID: P241106A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 10/08/2024 10:30
Date Received: 10/16/2024 09:00
Date Extracted: 10/31/2024 14:00
Date Analyzed: 11/06/2024 11:24
Method Blank ID: BLANK-115451
Lab Spike ID(s): LCS-115452/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1750mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 285759-02
Ical ID: P241106A02
CCal File(s): P241106A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0260	B
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	0.110	
Total HpCB	0.115	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	0.251	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

General Electric Company

Data Validation Report

Baseline Surface Water Monitoring
Housatonic River – Rest of River
Pittsfield, Massachusetts

Polychlorinated Biphenyl (PCB) Congeners and Total Suspended Solids (TSS) Analyses

SDGs # 10715814, 10715850, 10715851, 10716050, and 10716229

Tier I Level Data Review

Analyses Performed By:
Pace Analytical Services, Inc,
Minneapolis, Minnesota
And
Pace Analytical Services, Melville, New York

Report # 59368R
Project: 30299972.3000

Table of Contents

1 Summary 1
1.1 Analytical Data Package Documentation 2
1.2 Data Validation Procedures 2
2 Polychlorinated Biphenyl Congener Analyses 5
2.1 Holding Times 5
2.2 Blank Contamination 5
2.3 Field Duplicate Analysis 9
2.4 Compound Identification 12
2.5 Data Validation Checklist for PCB Congeners 12
3 General Chemistry Analyses 13
3.1 Holding Times 13
3.2 Field Duplicate Analysis 13
3.3 Data Validation Checklist for General Chemistry 13
4 Overall Data Usability 14

Tables

Table 1. Summary of Samples Subjected to Tier I Data Validation 1
Table 2. Evaluation of Data Package Completeness 2
Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation 4
Table 4. Holding Time for USEPA Method 1668C 5
Table 5. Summary of Blank Contamination Qualifications 5
Table 6. Summary of Field Duplicate Analysis 10
Table 7. Data Validation Checklist for Polychlorinated Biphenyls 12
Table 8. Specified Holding Time 13
Table 9. Summary of Field Duplicate Analysis 13
Table 10. Data Validation Checklist for General Chemistry 13
Table 11. Overall Summary of Data Usability 14

Appendices

Appendix A Chain of Custody
Appendix B Annotated Sample Analysis Data Sheets

1 Summary

This attachment summarizes the data validation review of Sample Delivery Groups (SDGs) 10715814, 10715850, 10715851, 10716050, and 10716229 performed on behalf of the General Electric Company (GE) for surface water sampling activities conducted as part of the Baseline Monitoring at the GE-Pittsfield/Housatonic River Site. The review was conducted at a Tier I level and included review of data package completeness. Field documentation was not included in this review. Included with this assessment are the chain-of-custody forms (Appendix A) and the validation annotated sample analysis data sheets (Appendix B). Analyses were performed on the samples listed in Table 1.

Table 1. Summary of Samples Subjected to Tier I Data Validation

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
10715814	Derby Dam	10715814001	Water	11/11/2024			X
	Stevenson Dam	10715814002	Water	11/11/2024			X
	Rt. 202 Bridge	10715814003	Water	11/11/2024			X
	Shepaug Dam	10715814004	Water	11/12/2024			X
	Rt. 341 Bridge	10715814005	Water	11/12/2024			X
	Canaan Town Line Bridge	10715814006	Water	11/13/2024			X
	Falls Village Dam	10715814007	Water	11/13/2024			X
	Rannapo Rd Bridge	10715814008	Water	11/13/2024			X
	Rising Pond Dam	10715814009	Water	11/13/2024			X
	HR-D1	10715814010	Water	11/13/2024	Rising Pond Dam		X
	Old Pleasant Street Bridge	10715814011	Water	11/14/2024			X
	Woods Pond Dam	10715814012	Water	11/14/2024			X
	New Lenox Rd Bridge	10715814013	Water	11/14/2024			X
10715850	Rising Pond Dam	10715850001	Water	11/13/2024		X	
	HR-D1	10715850002	Water	11/13/2024	Rising Pond Dam	X	
	HR-EB1	10715850003	Water	11/13/2024		X	
	Old Pleasant Street Bridge	10715850004	Water	11/14/2024		X	
10715851	Derby Dam	10715851001	Water	11/11/2024		X	
	Stevenson Dam	10715851002	Water	11/11/2024		X	
	Rt. 202 Bridge	10715851003	Water	11/11/2024		X	
	Shepaug Dam	10715851004	Water	11/12/2024		X	
	Rt. 341 Bridge	10715851005	Water	11/12/2024		X	
	Canaan Town Line Bridge	10715851006	Water	11/13/2024		X	
	Falls Village Dam	10715851007	Water	11/13/2024		X	
	Rannapo Rd Bridge	10715851008	Water	11/13/2024		X	
10716050	Near Pittsfield WWTP	10716050001	Water	11/15/2024			X
	Pomeroy Avenue Bridge	10716050002	Water	11/15/2024			X

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
10716229	Woods Pond Dam	10716229001	Water	11/14/2024		X	
	New Lenox Rd Bridge	10716229003	Water	11/14/2024		X	
	Near Pittsfield WWTP	10716229004	Water	11/15/2024		X	
	Pomeroy Avenue Bridge	10716229005	Water	11/15/2024		X	

Notes:
PCB = Polychlorinated Biphenyl Congeners
TSS = Total suspended solids

1.1 Analytical Data Package Documentation

The table below is the evaluation of the data package completeness.

Table 2. Evaluation of Data Package Completeness

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

Note:
QA = Quality Assurance

1.2 Data Validation Procedures

Analyses were performed according to United States Environmental Protection Agency (EPA) SW-846 Method 1668C, and Standard Method 2540D. Data were reviewed in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan – GE-Pittsfield/Housatonic River Site (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, prepared by Arcadis (Revised December 21, 2023);
- EPA Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (July 1996, revised December 1996) (EPA Region I Guidelines);

- EPA National Functional Guidelines for High Resolution Superfund Methods Data Review OLEM 9240.1-65EPA, 542-R-20-007 (November 2020); and
- Second Revised Baseline Monitoring Plan, Housatonic River – Rest of River, General Electric Company, Pittsfield, Massachusetts, prepared by Anchor QEA (January 2023).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers:
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers:
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
  - JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
  - UB Compound considered non-detect at the listed value due to associated blank contamination.
  - N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
  - R The sample results are rejected.

Two facts should be noted by all data users. First, the “R” flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. “R” values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Section 7.5 of the revised FSP/QAPP states that all analytical data will be validated to a Tier I level following the procedures presented in the EPA Region I Guidelines. The Tier I review consisted of a completeness evidence

audit, as outlined in the EPA Region I CSF Completeness Evidence Audit Program (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the EPA Region I Tier I data completeness requirements.

Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the number of sample analyses subject to Tier I data review is presented in the following table.

Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	14	1	1	0	0	0	16
TSS	14	0	1	0	0	0	15

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in EPA Region I Guidelines. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. The annotated sample analysis data sheets attached to this validation report (Appendix B) reflect any added data qualifiers.

2 Polychlorinated Biphenyl Congener Analyses

2.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 4. Holding Time for USEPA Method 1668C

Method	Matrix	Holding Time	Preservation
SW-846 USEPA Method 1668C	Water	One year from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria.

2.2 Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

All compounds associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the compounds listed in the following table. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Table 5. Summary of Blank Contamination Qualifications

SDG	Sample Locations	Compounds	Blank	Sample Result	Qualification
10715850	Rising Pond Dam HR-D1 Old Pleasant Street Bridge	PCB-008	Equipment blank (HR-EB1)	Detected sample results >RL and <BAL	“U” at detected sample concentration
	Rising Pond Dam HR-D1 Old Pleasant Street Bridge	PCB-084			
	Rising Pond Dam HR-D1	PCB-090/101/113			
	Rising Pond Dam HR-D1	PCB-095			
	Rising Pond Dam HR-D1 Old Pleasant Street Bridge	PCB-105			
	Rising Pond Dam HR-D1	PCB-110/115			

SDG	Sample Locations	Compounds	Blank	Sample Result	Qualification
	Rising Pond Dam HR-D1 Old Pleasant Street Bridge	PCB-118			
	Rising Pond Dam HR-D1	PCB-129/138/163			
	Rising Pond Dam HR-D1	PCB-132			
	Rising Pond Dam HR-D1	PCB-141			
	Rising Pond Dam HR-D1	PCB-170			
	Rising Pond Dam HR-D1	PCB-174			
	Rising Pond Dam HR-D1	PCB-177			
	Rising Pond Dam	PCB-178			
	Rising Pond Dam	PCB-179			
	Rising Pond Dam HR-D1	PCB-180/193			
	Rising Pond Dam HR-D1	PCB-183/185			
	Rising Pond Dam	PCB-187			
	Rising Pond Dam HR-D1	PCB-194			
	Rising Pond Dam HR-D1	PCB-196			
	Rising Pond Dam HR-D1	PCB-203			
10715851	Rannapo Rd Bridge	PCB-095	Method blank (BLANK-116204)		
		PCB-132			
		PCB-136			
		PCB-147/149			
	Shepaug Dam Rt. 341 Bridge	PCB-084	Equipment blank (HR-EB1)		
	Shepaug Dam Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-090/101/113			
	Shepaug Dam Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-095			

SDG	Sample Locations	Compounds	Blank	Sample Result	Qualification
	Shepaug Dam Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-099			
	Shepaug Dam Rt. 341 Bridge	PCB-105			
	Shepaug Dam Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-110/115			
	Shepaug Dam Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-118			
	Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-129/138/163			
	Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-132			
	Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-135/151			
	Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-141			
	Rt. 202 Bridge Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-147/149			
	Rt. 202 Bridge Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-153/168			
	Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-170			

SDG	Sample Locations	Compounds	Blank	Sample Result	Qualification
	Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-174			
	Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-177			
	Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-178			
	Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-179			
	Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-180/193			
	Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-183/185			
	Rt. 202 Bridge Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-187			
	Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-194			
	Rt. 341 Bridge Canaan Town Line Bridge	PCB-196			
	Rt. 341 Bridge Canaan Town Line Bridge Falls Village Dam Rannapo Rd Bridge	PCB-203			
10716229	Woods Pond Dam New Lenox Rd Bridge Near Pittsfield WWTP	PCB-008	Equipment blank (HR-EB1)		
	New Lenox Rd Bridge Near Pittsfield WWTP Pomeroy Avenue Bridge	PCB-084			
	Pomeroy Avenue Bridge	PCB-090/101/113			
	Near Pittsfield WWTP Pomeroy Avenue Bridge	PCB-099			

SDG	Sample Locations	Compounds	Blank	Sample Result	Qualification
	Woods Pond Dam New Lenox Rd Bridge Near Pittsfield WWTP	PCB-105			
	New Lenox Rd Bridge Near Pittsfield WWTP Pomeroy Avenue Bridge	PCB-110/115			
	New Lenox Rd Bridge Near Pittsfield WWTP Pomeroy Avenue Bridge	PCB-118			
	New Lenox Rd Bridge Pomeroy Avenue Bridge	PCB-129/138/163			
		PCB-132			
	Pomeroy Avenue Bridge	PCB-135/151			
	New Lenox Rd Bridge Pomeroy Avenue Bridge	PCB-141			
	Pomeroy Avenue Bridge	PCB-147/149			
		PCB-153/168			
	New Lenox Rd Bridge	PCB-170			
	New Lenox Rd Bridge Pomeroy Avenue Bridge	PCB-174			
	New Lenox Rd Bridge	PCB-177			
		PCB-178			
		PCB-179			
	New Lenox Rd Bridge Pomeroy Avenue Bridge	PCB-180/193			
	New Lenox Rd Bridge	PCB-183/185			
	New Lenox Rd Bridge Pomeroy Avenue Bridge	PCB-187			
	New Lenox Rd Bridge	PCB-194			
		PCB-196			
		PCB-203			
	Pomeroy Avenue Bridge	PCB-132	Method blank (BLANK-116204)		
		PCB-136			
		PCB-147/149			
		PCB-153/168			

Note:
RL = Reporting limit

2.3 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In an instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 6. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Compounds	Sample Result (ng/L)	Duplicate Result (ng/L)	RPD
Rising Pond Dam / HR-D1	PCB-001	0.0320	0.0285	AC
	PCB-004	0.880	0.717	20.4%
	PCB-008	0.0260	0.0250	AC
	PCB-010	0.0213	0.0222 U	AC
	PCB-015	0.0456	0.0415	AC
	PCB-017	0.0838	0.0762	AC
	PCB-018/030	0.0763	0.0721	AC
	PCB-019	0.454	0.371	20.1%
	PCB-020/028	0.101	0.114 U	AC
	PCB-025	0.0454	0.0410	AC
	PCB-026/029	0.0540	0.0515	AC
	PCB-027	0.0630	0.0571	AC
	PCB-032	0.0713	0.0681	AC
	PCB-040/041/071	0.126	0.125	AC
	PCB-042	0.0489	0.0491	AC
	PCB-044/047/065	0.880	0.875	0.6%
	PCB-045/051	0.335	0.334	0.3%
	PCB-046	0.0326	0.0322	AC
	PCB-069/049	0.547	0.540	1.3%
	PCB-050/053	0.434	0.421	3.0%
	PCB-052	0.376	0.388	AC
	PCB-054	0.150	0.126	17.4%
	PCB-061/070/074/076	0.0785	0.0887 U	AC
	PCB-064	0.0222	0.0230	AC
	PCB-066	0.0829	0.0819	AC
	PCB-084	0.0451	0.0477	AC
	PCB-086/087/097/108/119/12	0.156	0.158	AC
	PCB-088/091	0.145	0.149	AC
	PCB-090/101/113	0.488	0.509	4.2%
	PCB-092	0.155	0.161	3.8%
	PCB-093/098/100/102	0.102	0.107	AC
	PCB-094	0.0324	0.0330	AC
	PCB-095	0.326	0.340	4.2%
	PCB-099	0.213	0.217	1.9%
	PCB-103	0.0437	0.0444	AC
	PCB-105	0.0276	0.0293	AC
	PCB-109	0.0200	0.0222 U	AC
	PCB-110/115	0.318	0.321	0.9%

Sample ID/Duplicate ID	Compounds	Sample Result (ng/L)	Duplicate Result (ng/L)	RPD
	PCB-118	0.125	0.133	AC
	PCB-129/138/163	0.787	0.784	0.4%
	PCB-130	0.0415	0.0444	AC
	PCB-132	0.195	0.193	1.0%
	PCB-133	0.0262	0.0255	AC
	PCB-135/151	0.446	0.438	1.8%
	PCB-136	0.114	0.113	0.9%
	PCB-141	0.148	0.147	0.7%
	PCB-144	0.0372	0.0370	AC
	PCB-146	0.178	0.185	3.9%
	PCB-147/149	0.860	0.877	2.0%
	PCB-153/168	0.864	0.897	3.7%
	PCB-154	0.0287	0.0295	AC
	PCB-158	0.0468	0.0480	AC
	PCB-164	0.0500	0.0554	AC
	PCB-167	0.0215	0.0243	AC
	PCB-171/173	0.0824	0.121	AC
	PCB-172	0.0575	0.0834	AC
	PCB-174	0.325 U	0.447 U	AC
	PCB-176	0.0432	0.0596	AC
	PCB-178	0.0920	0.135	AC
	PCB-179	0.165 U	0.236	35.4
	PCB-187	0.399 U	0.585	37.8%
	PCB-190	0.0491	0.0736	AC
	PCB-194	0.122	0.139	13.0%
	PCB-195	0.0439	0.0476	AC
	PCB-196	0.0762	0.0773	AC
	PCB-198/199	0.143	0.159	AC
	PCB-201	0.0219	0.0242	AC
	PCB-202	0.0345	0.0374	AC
	PCB-203	0.0929	0.0980	AC
	PCB-206	0.0349	0.0400	AC

Note:
AC = Acceptable

The compounds, PCB-179, and PCB-187 associated with sample locations Rising Pond Dam and HR-D1 exhibited a field duplicate RPD greater than the control limit. The associated sample results from sample locations for the listed analyte were qualified as estimated.

2.4 Compound Identification

PCB congeners by 1668C are identified by using the compound's ion abundance ratios, signal-to-noise values, and relative retention times.

An EMPC or "estimated maximum possible concentration" designation is given to compounds which have signals eluting within the established retention time window which would, if positively identified, be above the detection limit. The signals do not, however, meet the ion abundance ratio criteria and cannot be identified as the compound of interest. The EMPC value is the estimated concentration of the interferant quantitated "as the compound of interest". This value should be considered an elevated detection limit based on potential compound identification and quantitation interference. If the EMPC value is above the reporting limit, the qualifier UX has been added to the sample results to indicate the elevated detection limit as EMPC. If the EMPC value is below the reporting limit, the compound is reported as non-detect at the reporting limit and no qualification is added.

2.5 Data Validation Checklist for PCB Congeners

Table 7. Data Validation Checklist for Polychlorinated Biphenyls

PCB Congeners; EPA1668C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
HIGH RESOLUTION GAS CHROMATOGRAPHY/HIGH RESOLUTION MASS SPECTROMETRY (HRGC/HRMS)					
Tier I Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X	X		
B. Equipment blanks		X	X		
Field/Lab Duplicate (RPD)		X	X		
Dilution Factor		X		X	
Moisture Content	X				X
Ion abundance criteria for each instrument used		X		X	
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%RPD = Relative percent difference
%R = Percent recovery

When the laboratory case narrative outlines a quality issue and/or the laboratory applies qualifiers that exhibit potential QC issues beyond Tier I it will be added to the checklist above and the usability of the data will be addressed.

3 General Chemistry Analyses

3.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 8. Specified Holding Time

Method	Matrix	Holding Time	Preservation
Total Suspended Solids (TSS) by SM2540D	Water	7 days from collection to analysis	Cool to <6 °C.

All samples were analyzed within the specified holding time criteria.

3.2 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 9. Summary of Field Duplicate Analysis

SDG	Sample ID/Duplicate ID	Analyte	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD
10684056	RISING POND DAM / HR-D1	TSS	2.5 U	2.5 U	AC

Note:
AC = Acceptable

3.3 Data Validation Checklist for General Chemistry

Table 10. Data Validation Checklist for General Chemistry

General Chemistry: SM2540D	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Miscellaneous Instrumentation					
Tier I Validation					
Holding Times		X		X	
Reporting limits (units)		X		X	
Field/Lab Duplicate (RPD)		X		X	
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%R = Percent recovery
RPD = Relative percent difference

4 Overall Data Usability

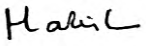
This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under Tier I data validation review. The percent usability calculation also includes quality control samples (i.e., field/equipment blanks, trip blanks, and field duplicates) to aid in the evaluation of data usability. Data usability is summarized in the following table.

Table 11. Overall Summary of Data Usability

Parameter	Percent Usability	Rejected Data
PCBs	100%	0
TSS	100%	0

The data package completeness, as determined from the Tier I data review was used to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses (discussed in this report) to provide a measure of compliance of the analytical data with the Data Quality Objectives specified in the FSP/QAPP.

VALIDATION PERFORMED BY: Hareesha Naik

SIGNATURE: 

DATE: May 30, 2025

PEER REVIEW: Andrew Korycinski

DATE: May 30, 2025

Appendix A

Chain of Custody

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 70322610

70322610

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30224932.3000	Invoice to: Arcadis U.S., Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accountspayable.administration@Arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [✓] ET	County / State origin of sample(s): Pittsfield, MA

Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 1

Identify Container Preservative Type***: 1

Analysis Requested: TSS Low Level SM2540D *

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID: 45643

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	Sample Comment	Preservation non-conformance identified for sample
Derby Dam	WT				11/11/24	13:45	1			X	
Stevenson Dam	WT				11/11/24	15:15	1			X	
Rt. 202 Bridge	WT				11/11/24	16:45	1			X	
Shepaug Dam	WT				11/12/24	13:15	1			X	
Rt. 341 Bridge	WT				11/12/24	15:30	1			X	
Canaan Town Line Bridge	WT				11/13/24	12:00	1			X	
Falls Village Dam	WT				11/13/24	12:50	1			X	
Rannapo Rd Bridge	WT				11/13/24	14:15	1			X	
Rising Pond Dam	WT				11/13/24	16:00	1			X	
HR-D1	WT				11/13/24	—	1			X	

Additional Instructions from Pace®: Short Hold Time Refer to Contract

Collected By: Penelope T. Rabasco

Printed Name:

Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: * Please use entire sample for analysis

# Coolers	Thermometer ID:	Correction Factor (°C)	Obs. Temp. (°C)	Corrected Temp. (°C)	[ ] On Ice
2	TH2A	+0.3	1.9	2.2	(w)

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Penelope T. Rabasco / Arcadis	11/14/24 17:30	[signature] ALL	11/15/24 9:30	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEx [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Arcadis
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202
Customer Project #: 30224932.3000
Project Name: Housatonic River BMP
Site Collection Info/Facility ID (as applicable): Housatonic River

Contact/Report To: Dave Knutsen
Phone #: 315-671-9374
E-Mail: David.Knutsen@Arcadis.com
Cc E-Mail:
Invoice to: Arcadis U.S., Inc.
Invoice E-mail: accounts payable.administration@Arcadis.com
Purchase Order # (if applicable):
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ET]
County / State origin of sample(s): Pittsfield, MA

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
Date Results Requested:
DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 1
Identify Container Preservative Type***: 1
Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 80mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID: 456443

Preservation non-conformance identified for sample

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TSS Low Level SM 2540D	Sample Comment
Old Pleasant Street Bridge	WT				11/14/24	12:15	1			X	
Woods Pond Dam	WT				11/14/24	13:15	1			X	
New Lenox Rd Bridge	WT				11/14/24	14:30	1			X	

Additional Instructions from Pace: Short Hold Time Refer to Contract

Collected By: Printed Name: Penelope T. Rabasco Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: * Please use entire sample for analysis.

Coolers: 2 Thermometer ID: T421 Correction Factor (°C): +0.3 Obs. Temp (°C): 1.4 Corrected Temp (°C): 2.2 [ ] Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Rabasco / Arcadis	11/14/24 17:30	Received P-LL	11/15/24, 9:30
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Appendix B

Annotated Sample Analysis Data Sheets

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10715814

Sample: Derby Dam **Lab ID: 10715814001** Collected: 11/11/24 13:45 Received: 11/15/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**2.5**	mg/L	2.5	1		11/18/24 15:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10715814

Sample: Stevenson Dam **Lab ID: 10715814002** Collected: 11/11/24 15:15 Received: 11/15/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		11/18/24 15:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10715814

Sample: Rt. 202 Bridge **Lab ID: 10715814003** Collected: 11/11/24 16:45 Received: 11/15/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		11/18/24 15:26		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10715814

Sample: Shepaug Dam **Lab ID: 10715814004** Collected: 11/12/24 13:15 Received: 11/15/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		11/19/24 09:57		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10715814

Sample: Rt. 341 Bridge **Lab ID: 10715814005** Collected: 11/12/24 15:30 Received: 11/15/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		11/19/24 09:57		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10715814

Sample: Canaan Town Line Bridge **Lab ID: 10715814006** Collected: 11/13/24 12:00 Received: 11/15/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		11/20/24 09:42		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10715814

Sample: Falls Village Dam **Lab ID: 10715814007** Collected: 11/13/24 12:50 Received: 11/15/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		11/20/24 09:42		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10715814

Sample: Rannapo Rd Bridge **Lab ID: 10715814008** Collected: 11/13/24 14:15 Received: 11/15/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		11/20/24 09:42		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10715814

Sample: Rising Pond Dam **Lab ID: 10715814009** Collected: 11/13/24 16:00 Received: 11/15/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		11/20/24 09:42		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10715814

Sample: HR-D1 **Lab ID: 10715814010** Collected: 11/13/24 00:00 Received: 11/15/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		11/20/24 15:14		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10715814

Sample: Old Pleasant Street Bridge **Lab ID: 10715814011** Collected: 11/14/24 12:15 Received: 11/15/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		11/21/24 09:38		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10715814

Sample: Woods Pond Dam **Lab ID: 10715814012** Collected: 11/14/24 13:15 Received: 11/15/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		11/21/24 09:38		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10715814

Sample: New Lenox Rd Bridge **Lab ID: 10715814013** Collected: 11/14/24 14:30 Received: 11/15/24 00:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		11/21/24 09:38		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Report No.....10715850_1668C_L2_dfr

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 10715850

10715850

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St, Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30224932.3000	Invoice to: Arcadis U.S., Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accountspayable.administration@Arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [✓] ET	County / State origin of sample(s): Pittsfield, MA

Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other_____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other_____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	PCB 16608	Sample Comment
Rising Pond Dam	WT				11/13/24	16:00	4			X	001
HR-D1	WT				11/13/24	—	4			X	002
HR-EB1	WT				11/13/24	10:15	4			X	003
Old Pleasant Street Bridge	WT				11/14/24	12:15	4			X	004

Specify Container Size **: 1

Identify Container Preservative Type***: 1

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID:

Preservation non-conformance identified for sample.

Additional Instructions from Pace® :

Collected By: Printed Name: Penelope T. Rabasco Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: Refer to Contract

Coolers: 1 | Thermometer ID: T7 | Correction Factor (°C): +0.5 | Obs. Temp. (°C): 4.5, 4.1 | Corrected Temp. (°C): 4.6, 4.2 | [✓] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Rabasco / Arcadis	11/14/24 17:30	DW Pace	11/15/24 850
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10715850001
Lab File ID: P241215B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 16:00
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/15/2024 23:09
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115915

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2070mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.60	3.12	2.00	0.761	38	
1	PCB-003L	12.34	3.16	2.00	0.898	45	
2	PCB-004L	12.62	1.61	2.00	0.623	31	
2	PCB-015L	19.61	1.63	2.00	1.26	63	
3	PCB-019L	16.36	1.06	2.00	0.772	39	
3	PCB-037L	27.32	1.08	2.00	1.83	92	
4	PCB-054L	19.91	0.78	2.00	0.906	45	
4	PCB-077L	35.04	0.81	2.00	1.88	94	
4	PCB-081L	34.45	0.82	2.00	2.04	102	
5	PCB-104L	25.98	1.59	2.00	0.841	42	
5	PCB-105L	38.63	1.61	2.00	1.88	94	
5	PCB-114L	37.98	1.63	2.00	2.01	100	
5	PCB-118L	37.42	1.61	2.00	1.96	98	
5	PCB-123L	37.09	1.61	2.00	1.96	98	
5	PCB-126L	41.82	1.62	2.00	1.95	98	
6	PCB-155L	32.02	1.27	2.00	1.13	57	
6	PCB-156/157L	44.88	1.29	4.00	3.96	99	
6	PCB-167L	43.70	1.26	2.00	2.04	102	
6	PCB-169L	48.20	1.29	2.00	1.93	97	
7	PCB-188L	37.93	1.07	2.00	1.58	79	
7	PCB-189L	50.72	1.06	2.00	1.93	97	
8	PCB-202L	43.42	0.89	2.00	1.63	81	
8	PCB-205L	53.33	0.91	2.00	1.43	72	
9	PCB-206L	55.06	0.80	2.00	1.31	66	
9	PCB-208L	50.19	0.78	2.00	1.53	77	
10	PCB-209L	56.65	0.70	2.00	1.16	58	
Recovery Standards							
2	PCB-009L	15.03	1.60	2.00	2.77	N/A	
4	PCB-052L	24.96	0.78	2.00	2.54	N/A	
5	PCB-101L	32.25	1.58	2.00	2.59	N/A	
6	PCB-138L	40.61	1.27	2.00	2.54	N/A	
8	PCB-194L	52.84	0.93	2.00	2.35	N/A	
Cleanup Standards							
3	PCB-028L	22.98	1.07	2.00	1.87	94	
5	PCB-111L	35.05	1.56	2.00	1.40	70	
7	PCB-178L	41.06	1.07	2.00	1.57	79	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10715850001
Lab File ID: P241215B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 16:00
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/15/2024 23:09
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2070mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	9.61	3.03	0.0320		0.0194	0.00344	
1	PCB-002			ND		0.0194	0.00350	
1	PCB-003			ND		0.0194	0.00651	
2	PCB-004	12.64	1.56	0.880		0.0194	0.00438	
2	PCB-005			ND		0.0194	0.00468	
2	PCB-006			ND		0.0194	0.00237	
2	PCB-007			ND		0.0194	0.00227	
2	PCB-008	16.05	1.54	0.0260	U	0.0194	0.00463	
2	PCB-009			ND		0.0194	0.00091	
2	PCB-010	12.86	1.56	0.0213		0.0194	0.00105	
2	PCB-011			ND		0.190	0.0504	
2	PCB-012/013			ND		0.0387	0.00254	
2	PCB-014			ND		0.0194	0.00088	
2	PCB-015	19.63	1.60	0.0456		0.0256	0.00500	
3	PCB-016			ND		0.0194	0.00282	
3	PCB-017	19.03	1.04	0.0838		0.0194	0.00314	
3	PCB-018/030	18.56	1.01	0.0763		0.0387	0.00513	
3	PCB-019	16.38	1.05	0.454		0.0194	0.00263	
3	PCB-020/028	23.01	1.06	0.101		0.0999	0.00582	
3	PCB-021/033			ND		0.105	0.00480	
3	PCB-022			ND		0.0736	0.00317	
3	PCB-023			ND		0.0194	0.00096	
3	PCB-024			ND		0.0194	0.00107	
3	PCB-025	22.33	1.00	0.0454		0.0194	0.00125	
3	PCB-026/029	22.06	1.05	0.0540		0.0387	0.00201	
3	PCB-027	19.27	1.04	0.0630		0.0194	0.00086	
3	PCB-031			ND		0.101	0.00704	
3	PCB-032	20.15	1.05	0.0713		0.0194	0.00235	
3	PCB-034			ND		0.0194	0.00094	
3	PCB-035			ND		0.0194	0.00095	
3	PCB-036			ND		0.0194	0.00090	
3	PCB-037			ND		0.0411	0.00234	
3	PCB-038			ND		0.0194	0.00095	
3	PCB-039			ND		0.0194	0.00122	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10715850001
Lab File ID: P241215B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 16:00
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/15/2024 23:09
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2070mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.15	0.81	0.126		0.0581	0.00398	
4	PCB-042	26.63	0.78	0.0489		0.0194	0.00211	
4	PCB-043/073			ND		0.0387	0.00191	
4	PCB-044/047/065	26.12	0.78	0.880		0.0581	0.00563	
4	PCB-045/051	23.18	0.81	0.335		0.0387	0.00290	
4	PCB-046	23.41	0.83	0.0326		0.0194	0.00131	
4	PCB-048			ND		0.0194	0.00154	
4	PCB-069/049	25.51	0.79	0.547		0.0387	0.00326	
4	PCB-050/053	22.34	0.80	0.434		0.0387	0.00167	
4	PCB-052	24.99	0.78	0.376		0.0999	0.0117	
4	PCB-054	19.93	0.78	0.150		0.0194	0.00088	
4	PCB-055			ND		0.0194	0.00132	
4	PCB-056			ND		0.0194	0.00296	
4	PCB-057			ND		0.0194	0.00088	
4	PCB-058			ND		0.0194	0.00113	
4	PCB-059/062/075			ND		0.0581	0.00199	
4	PCB-060			ND		0.0194	0.00163	
4	PCB-061/070/074/076	30.12	0.79	0.0785		0.0775	0.00699	
4	PCB-063			ND		0.0194	0.00076	
4	PCB-064	27.39	0.78	0.0222		0.0194	0.00191	
4	PCB-066	30.46	0.80	0.0829		0.0457	0.00364	
4	PCB-067			ND		0.0194	0.00106	
4	PCB-068			ND		0.0194	0.00096	
4	PCB-072			ND		0.0194	0.00068	
4	PCB-077			ND		0.0194	0.00117	
4	PCB-078			ND		0.0194	0.00098	
4	PCB-079			ND		0.0194	0.00068	
4	PCB-080			ND		0.0194	0.00095	
4	PCB-081			ND		0.0194	0.00064	
5	PCB-082			ND		0.0194	0.00117	
5	PCB-083			ND		0.0194	0.00101	
5	PCB-084	30.32	1.48	0.0451	U	0.0194	0.00202	
5	PCB-085/116/117			ND		0.0581	0.00268	
5	PCB-086/087/097/108/119/12	33.44	1.57	0.156		0.116	0.00512	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10715850001
Lab File ID: P241215B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 16:00
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/15/2024 23:09
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2070mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.08	1.58	0.145		0.0387	0.00156	
5	PCB-089			ND		0.0194	0.00110	
5	PCB-090/101/113	32.28	1.54	0.488	U	0.0581	0.00396	
5	PCB-092	31.66	1.58	0.155		0.0194	0.00084	
5	PCB-093/098/100/102	29.43	1.55	0.102		0.0775	0.00357	
5	PCB-094	28.69	1.51	0.0324		0.0194	0.00072	
5	PCB-095	29.17	1.57	0.326	U	0.0542	0.00543	
5	PCB-096			ND		0.0194	0.00073	
5	PCB-099	32.88	1.56	0.213		0.0194	0.00163	
5	PCB-103	28.48	1.58	0.0437		0.0194	0.00059	
5	PCB-104			ND		0.0194	0.00111	
5	PCB-105	38.67	1.55	0.0276	U	0.0194	0.00249	
5	PCB-106			ND		0.0194	0.00097	
5	PCB-107/124			ND		0.0387	0.00174	
5	PCB-109	36.99	1.62	0.0200		0.0194	0.00123	
5	PCB-110/115	34.32	1.54	0.318	U	0.0387	0.00441	
5	PCB-111			ND		0.0194	0.00076	
5	PCB-112			ND		0.0194	0.00120	
5	PCB-114			ND		0.0194	0.00098	
5	PCB-118	37.46	1.57	0.125	U	0.0302	0.00449	
5	PCB-120			ND		0.0194	0.00074	
5	PCB-121			ND		0.0194	0.00103	
5	PCB-122			ND		0.0194	0.00106	
5	PCB-123			ND		0.0194	0.00115	
5	PCB-126			ND		0.0194	0.00062	
5	PCB-127			ND		0.0194	0.00097	
6	PCB-128/166			ND		0.0387	0.00209	
6	PCB-129/138/163	40.64	1.28	0.787	U	0.0581	0.00436	
6	PCB-130	39.97	1.15	0.0415		0.0194	0.00106	
6	PCB-131			ND		0.0194	0.00128	
6	PCB-132	37.53	1.25	0.195	U	0.0194	0.00144	
6	PCB-133	38.06	1.32	0.0262		0.0194	0.00091	
6	PCB-134/143			ND		0.0387	0.00238	
6	PCB-135/151	35.28	1.26	0.446		0.0387	0.00260	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10715850001
Lab File ID: P241215B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 16:00
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/15/2024 23:09
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2070mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	32.76	1.26	0.114		0.0194	0.00133	
6	PCB-137			ND		0.0194	0.00141	
6	PCB-139/140			ND		0.0387	0.00182	
6	PCB-141	39.55	1.26	0.148	U	0.0194	0.00171	
6	PCB-142			ND		0.0194	0.00119	
6	PCB-144	35.87	1.25	0.0372		0.0194	0.00078	
6	PCB-145			ND		0.0194	0.00088	
6	PCB-146	38.73	1.29	0.178		0.0194	0.00109	
6	PCB-147/149	36.23	1.27	0.860		0.0387	0.00332	
6	PCB-148			ND		0.0194	0.00090	
6	PCB-150			ND		0.0194	0.00091	
6	PCB-152			ND		0.0194	0.00073	
6	PCB-153/168	39.37	1.27	0.864		0.0387	0.00260	
6	PCB-154	35.56	1.25	0.0287		0.0194	0.00114	
6	PCB-155			ND		0.0194	0.00101	
6	PCB-156/157			ND		0.0387	0.00143	
6	PCB-158	41.05	1.28	0.0468		0.0194	0.00106	
6	PCB-159			ND		0.0194	0.00095	
6	PCB-160			ND		0.0194	0.00109	
6	PCB-161			ND		0.0194	0.00053	
6	PCB-162			ND		0.0194	0.00096	
6	PCB-164	40.33	1.28	0.0500		0.0194	0.00120	
6	PCB-165			ND		0.0194	0.00062	
6	PCB-167	43.72	1.29	0.0215		0.0194	0.00139	
6	PCB-169			ND		0.0194	0.00086	
7	PCB-170	47.57	1.06	0.239	U	0.0194	0.00124	
7	PCB-171/173	43.97	1.03	0.0824		0.0387	0.00160	
7	PCB-172	45.63	1.03	0.0575		0.0194	0.00386	
7	PCB-174	42.88	1.06	0.325	U	0.0194	0.00139	
7	PCB-175			ND		0.0194	0.00092	
7	PCB-176	39.20	0.99	0.0432		0.0194	0.00076	
7	PCB-177	43.33	1.06	0.198	U	0.0194	0.00159	
7	PCB-178	41.08	1.07	0.0920	U	0.0194	0.00102	
7	PCB-179	38.30	1.04	0.165	UJ	0.0194	0.00120	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10715850001
Lab File ID: P241215B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 16:00
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/15/2024 23:09
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2070mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.30	1.05	0.602	U	0.0387	0.00352	
7	PCB-181			ND		0.0194	0.00128	
7	PCB-182			ND		0.0194	0.00106	
7	PCB-183/185	42.66	1.06	0.219	U	0.0387	0.00234	
7	PCB-184			ND		0.0194	0.00054	
7	PCB-186			ND		0.0194	0.00127	
7	PCB-187	42.02	1.04	0.399	UJ	0.0194	0.00143	
7	PCB-188			ND		0.0194	0.00061	
7	PCB-189			ND		0.0194	0.00096	
7	PCB-190	48.11	1.06	0.0491		0.0194	0.00135	
7	PCB-191			ND		0.0194	0.00124	
7	PCB-192			ND		0.0194	0.00125	
8	PCB-194	52.86	0.91	0.122	U	0.0194	0.00099	
8	PCB-195	50.49	0.94	0.0439		0.0194	0.00128	
8	PCB-196	48.93	0.86	0.0762	U	0.0194	0.00095	
8	PCB-197/200			ND		0.0387	0.00162	
8	PCB-198/199	48.26	0.88	0.143		0.0387	0.00167	
8	PCB-201	44.39	0.87	0.0219		0.0194	0.00049	
8	PCB-202	43.43	0.91	0.0345		0.0194	0.00104	
8	PCB-203	49.13	0.94	0.0929	U	0.0194	0.00087	
8	PCB-204			ND		0.0194	0.00099	
8	PCB-205			ND		0.0194	0.00120	
9	PCB-206	55.08	0.81	0.0349		0.0194	0.00171	
9	PCB-207			ND		0.0194	0.00115	
9	PCB-208			ND		0.0194	0.00103	
10	PCB-209			ND		0.0194	0.00606	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10715850001
Lab File ID: P241215B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 16:00
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/15/2024 23:09
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2070mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

Homologue	Concentration (ng/L)	Q
Total MoCB	0.0320	
Total DiCB	0.973	
Total TrCB	0.949	
Total TeCB	3.11	
Total PeCB	2.20	
Total HxCB	3.84	
Total HpCB	2.47	
Total OcCB	0.535	
Total NoCB	0.0349	
DeCB	ND	
Total PCBs	14.1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10715850002
Lab File ID: P241215B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 00:10
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115915

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.58	3.08	2.00	0.872	44	
1	PCB-003L	12.31	3.16	2.00	1.08	54	
2	PCB-004L	12.61	1.60	2.00	0.798	40	
2	PCB-015L	19.61	1.63	2.00	1.40	70	
3	PCB-019L	16.36	1.05	2.00	0.934	47	
3	PCB-037L	27.34	1.07	2.00	2.01	100	
4	PCB-054L	19.90	0.79	2.00	1.11	56	
4	PCB-077L	35.03	0.81	2.00	1.96	98	
4	PCB-081L	34.46	0.81	2.00	2.07	103	
5	PCB-104L	25.98	1.59	2.00	1.07	54	
5	PCB-105L	38.65	1.62	2.00	1.95	98	
5	PCB-114L	37.99	1.61	2.00	2.13	106	
5	PCB-118L	37.44	1.61	2.00	2.05	102	
5	PCB-123L	37.09	1.59	2.00	2.04	102	
5	PCB-126L	41.83	1.61	2.00	2.01	101	
6	PCB-155L	32.03	1.30	2.00	1.34	67	
6	PCB-156/157L	44.89	1.29	4.00	4.09	102	
6	PCB-167L	43.72	1.28	2.00	2.13	107	
6	PCB-169L	48.21	1.26	2.00	2.01	101	
7	PCB-188L	37.94	1.02	2.00	1.74	87	
7	PCB-189L	50.75	1.05	2.00	0.832	42	
8	PCB-202L	43.42	0.90	2.00	1.72	86	
8	PCB-205L	53.42	0.92	2.00	1.54	77	
9	PCB-206L	55.10	0.78	2.00	1.38	69	
9	PCB-208L	50.21	0.78	2.00	1.60	80	
10	PCB-209L	56.67	0.71	2.00	1.16	58	
Recovery Standards							
2	PCB-009L	15.03	1.60	2.00	2.92	N/A	
4	PCB-052L	24.96	0.77	2.00	2.62	N/A	
5	PCB-101L	32.27	1.59	2.00	2.57	N/A	
6	PCB-138L	40.63	1.27	2.00	2.50	N/A	
8	PCB-194L	52.92	0.93	2.00	2.21	N/A	
Cleanup Standards							
3	PCB-028L	22.98	1.07	2.00	1.92	96	
5	PCB-111L	35.07	1.57	2.00	1.48	74	
7	PCB-178L	41.06	1.03	2.00	1.60	80	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10715850002
Lab File ID: P241215B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 00:10
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	9.59	3.44	0.0285		0.0222	0.00393	
1	PCB-002			ND		0.0222	0.00400	
1	PCB-003			ND		0.0222	0.00745	
2	PCB-004	12.62	1.57	0.717		0.0222	0.00501	
2	PCB-005			ND		0.0222	0.00535	
2	PCB-006			ND		0.0222	0.00272	
2	PCB-007			ND		0.0222	0.00259	
2	PCB-008	16.03	1.55	0.0250	U	0.0222	0.00530	
2	PCB-009			ND		0.0222	0.00105	
2	PCB-010			ND		0.0222	0.00120	
2	PCB-011			ND		0.217	0.0577	
2	PCB-012/013			ND		0.0443	0.00290	
2	PCB-014			ND		0.0222	0.00101	
2	PCB-015	19.63	1.56	0.0415		0.0293	0.00572	
3	PCB-016			ND		0.0222	0.00322	
3	PCB-017	19.03	1.03	0.0762		0.0222	0.00359	
3	PCB-018/030	18.56	1.02	0.0721		0.0443	0.00587	
3	PCB-019	16.38	1.05	0.371		0.0222	0.00301	
3	PCB-020/028			ND		0.114	0.00666	
3	PCB-021/033			ND		0.120	0.00550	
3	PCB-022			ND		0.0842	0.00362	
3	PCB-023			ND		0.0222	0.00110	
3	PCB-024			ND		0.0222	0.00123	
3	PCB-025	22.33	1.04	0.0410		0.0222	0.00143	
3	PCB-026/029	22.06	1.06	0.0515		0.0443	0.00230	
3	PCB-027	19.26	1.04	0.0571		0.0222	0.00099	
3	PCB-031			ND		0.115	0.00806	
3	PCB-032	20.14	1.03	0.0681		0.0222	0.00269	
3	PCB-034			ND		0.0222	0.00108	
3	PCB-035			ND		0.0222	0.00110	
3	PCB-036			ND		0.0222	0.00103	
3	PCB-037			ND		0.0470	0.00268	
3	PCB-038			ND		0.0222	0.00109	
3	PCB-039			ND		0.0222	0.00140	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10715850002
Lab File ID: P241215B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 00:10
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.15	0.79	0.125		0.0665	0.00455	
4	PCB-042	26.63	0.79	0.0491		0.0222	0.00242	
4	PCB-043/073			ND		0.0443	0.00218	
4	PCB-044/047/065	26.12	0.78	0.875		0.0665	0.00644	
4	PCB-045/051	23.18	0.78	0.334		0.0443	0.00332	
4	PCB-046	23.42	0.73	0.0322		0.0222	0.00150	
4	PCB-048			ND		0.0222	0.00176	
4	PCB-069/049	25.51	0.79	0.540		0.0443	0.00373	
4	PCB-050/053	22.34	0.80	0.421		0.0443	0.00191	
4	PCB-052	24.99	0.78	0.388		0.114	0.0134	
4	PCB-054	19.93	0.79	0.126		0.0222	0.00101	
4	PCB-055			ND		0.0222	0.00151	
4	PCB-056			ND		0.0222	0.00339	
4	PCB-057			ND		0.0222	0.00101	
4	PCB-058			ND		0.0222	0.00130	
4	PCB-059/062/075			ND		0.0665	0.00228	
4	PCB-060			ND		0.0222	0.00186	
4	PCB-061/070/074/076			ND		0.0887	0.00800	
4	PCB-063			ND		0.0222	0.00087	
4	PCB-064	27.40	0.83	0.0230		0.0222	0.00218	
4	PCB-066	30.47	0.80	0.0819		0.0523	0.00417	
4	PCB-067			ND		0.0222	0.00122	
4	PCB-068			ND		0.0222	0.00111	
4	PCB-072			ND		0.0222	0.00078	
4	PCB-077			ND		0.0222	0.00134	
4	PCB-078			ND		0.0222	0.00113	
4	PCB-079			ND		0.0222	0.00078	
4	PCB-080			ND		0.0222	0.00109	
4	PCB-081			ND		0.0222	0.00074	
5	PCB-082			ND		0.0222	0.00134	
5	PCB-083			ND		0.0222	0.00115	
5	PCB-084	30.32	1.62	0.0477	U	0.0222	0.00232	
5	PCB-085/116/117			ND		0.0665	0.00307	
5	PCB-086/087/097/108/119/12	33.44	1.56	0.158		0.133	0.00586	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10715850002
Lab File ID: P241215B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 00:10
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.10	1.54	0.149		0.0443	0.00178	
5	PCB-089			ND		0.0222	0.00126	
5	PCB-090/101/113	32.28	1.57	0.509	U	0.0665	0.00453	
5	PCB-092	31.66	1.54	0.161		0.0222	0.00096	
5	PCB-093/098/100/102	29.45	1.53	0.107		0.0887	0.00409	
5	PCB-094	28.71	1.52	0.0330		0.0222	0.00082	
5	PCB-095	29.17	1.59	0.340	U	0.0621	0.00622	
5	PCB-096			ND		0.0222	0.00083	
5	PCB-099	32.90	1.52	0.217		0.0222	0.00186	
5	PCB-103	28.49	1.61	0.0444		0.0222	0.00068	
5	PCB-104			ND		0.0222	0.00127	
5	PCB-105	38.68	1.61	0.0293	U	0.0222	0.00285	
5	PCB-106			ND		0.0222	0.00112	
5	PCB-107/124			ND		0.0443	0.00199	
5	PCB-109			ND		0.0222	0.00141	
5	PCB-110/115	34.34	1.56	0.321	U	0.0443	0.00505	
5	PCB-111			ND		0.0222	0.00087	
5	PCB-112			ND		0.0222	0.00137	
5	PCB-114			ND		0.0222	0.00113	
5	PCB-118	37.46	1.57	0.133	U	0.0346	0.00514	
5	PCB-120			ND		0.0222	0.00085	
5	PCB-121			ND		0.0222	0.00117	
5	PCB-122			ND		0.0222	0.00122	
5	PCB-123			ND		0.0222	0.00132	
5	PCB-126			ND		0.0222	0.00070	
5	PCB-127			ND		0.0222	0.00112	
6	PCB-128/166			ND		0.0443	0.00239	
6	PCB-129/138/163	40.66	1.26	0.784	U	0.0665	0.00499	
6	PCB-130	39.99	1.26	0.0444		0.0222	0.00122	
6	PCB-131			ND		0.0222	0.00146	
6	PCB-132	37.54	1.27	0.193	U	0.0222	0.00165	
6	PCB-133	38.08	1.24	0.0255		0.0222	0.00104	
6	PCB-134/143			ND		0.0443	0.00273	
6	PCB-135/151	35.28	1.26	0.438		0.0443	0.00298	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10715850002
Lab File ID: P241215B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 00:10
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	32.78	1.24	0.113		0.0222	0.00152	
6	PCB-137			ND		0.0222	0.00162	
6	PCB-139/140			ND		0.0443	0.00208	
6	PCB-141	39.57	1.29	0.147	U	0.0222	0.00196	
6	PCB-142			ND		0.0222	0.00136	
6	PCB-144	35.87	1.24	0.0370		0.0222	0.00089	
6	PCB-145			ND		0.0222	0.00101	
6	PCB-146	38.73	1.24	0.185		0.0222	0.00125	
6	PCB-147/149	36.25	1.27	0.877		0.0443	0.00380	
6	PCB-148			ND		0.0222	0.00103	
6	PCB-150			ND		0.0222	0.00105	
6	PCB-152			ND		0.0222	0.00084	
6	PCB-153/168	39.37	1.25	0.897		0.0443	0.00298	
6	PCB-154	35.56	1.27	0.0295		0.0222	0.00131	
6	PCB-155			ND		0.0222	0.00115	
6	PCB-156/157			ND		0.0443	0.00164	
6	PCB-158	41.06	1.22	0.0480		0.0222	0.00122	
6	PCB-159			ND		0.0222	0.00110	
6	PCB-160			ND		0.0222	0.00125	
6	PCB-161			ND		0.0222	0.00061	
6	PCB-162			ND		0.0222	0.00111	
6	PCB-164	40.32	1.26	0.0554		0.0222	0.00137	
6	PCB-165			ND		0.0222	0.00072	
6	PCB-167	43.73	1.38	0.0243		0.0222	0.00160	
6	PCB-169			ND		0.0222	0.00099	
7	PCB-170	47.57	1.02	0.346	U	0.0222	0.00142	
7	PCB-171/173	43.99	1.05	0.121		0.0443	0.00183	
7	PCB-172	45.63	1.07	0.0834		0.0222	0.00442	
7	PCB-174	42.88	1.07	0.447	U	0.0222	0.00160	
7	PCB-175			ND		0.0222	0.00105	
7	PCB-176	39.22	1.09	0.0596		0.0222	0.00087	
7	PCB-177	43.33	1.07	0.294	U	0.0222	0.00182	
7	PCB-178	41.10	1.05	0.135		0.0222	0.00116	
7	PCB-179	38.30	1.08	0.236	J	0.0222	0.00137	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10715850002
Lab File ID: P241215B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 00:10
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.30	1.05	0.875	U	0.0443	0.00403	
7	PCB-181			ND		0.0222	0.00146	
7	PCB-182			ND		0.0222	0.00121	
7	PCB-183/185	42.66	1.07	0.312	U	0.0443	0.00268	
7	PCB-184			ND		0.0222	0.00062	
7	PCB-186			ND		0.0222	0.00145	
7	PCB-187	42.02	1.03	0.585	J	0.0222	0.00164	
7	PCB-188			ND		0.0222	0.00070	
7	PCB-189			ND		0.0222	0.00111	
7	PCB-190	48.13	1.11	0.0736		0.0222	0.00154	
7	PCB-191			ND		0.0222	0.00142	
7	PCB-192			ND		0.0222	0.00143	
8	PCB-194	52.94	0.89	0.139	U	0.0222	0.00114	
8	PCB-195	50.49	0.89	0.0476		0.0222	0.00146	
8	PCB-196	48.95	0.93	0.0773	U	0.0222	0.00109	
8	PCB-197/200			ND		0.0443	0.00185	
8	PCB-198/199	48.28	0.89	0.159		0.0443	0.00192	
8	PCB-201	44.39	0.91	0.0242		0.0222	0.00056	
8	PCB-202	43.45	0.86	0.0374		0.0222	0.00119	
8	PCB-203	49.15	0.89	0.0980	U	0.0222	0.00099	
8	PCB-204			ND		0.0222	0.00114	
8	PCB-205			ND		0.0222	0.00137	
9	PCB-206	55.12	0.79	0.0400		0.0222	0.00196	
9	PCB-207			ND		0.0222	0.00132	
9	PCB-208			ND		0.0222	0.00117	
10	PCB-209			ND		0.0222	0.00694	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10715850002
Lab File ID: P241215B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 00:10
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

Homologue	Concentration (ng/L)	Q
Total MoCB	0.0285	
Total DiCB	0.784	
Total TrCB	0.737	
Total TeCB	3.00	
Total PeCB	2.25	
Total HxCB	3.90	
Total HpCB	3.57	
Total OcCB	0.582	
Total NoCB	0.0400	
DeCB	ND	
Total PCBs	14.9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10715850003
Lab File ID: P241215B_13
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 10:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 01:11
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115915

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.61	3.30	2.00	1.03	52	
1	PCB-003L	12.35	3.25	2.00	1.28	64	
2	PCB-004L	12.63	1.57	2.00	0.907	45	
2	PCB-015L	19.62	1.63	2.00	1.58	79	
3	PCB-019L	16.38	1.06	2.00	1.07	53	
3	PCB-037L	27.35	1.09	2.00	2.27	114	
4	PCB-054L	19.93	0.79	2.00	1.34	67	
4	PCB-077L	35.05	0.80	2.00	2.11	106	
4	PCB-081L	34.48	0.80	2.00	2.26	113	
5	PCB-104L	25.99	1.53	2.00	1.20	60	
5	PCB-105L	38.66	1.64	2.00	2.03	101	
5	PCB-114L	38.01	1.63	2.00	2.22	111	
5	PCB-118L	37.46	1.57	2.00	2.16	108	
5	PCB-123L	37.10	1.58	2.00	2.17	109	
5	PCB-126L	41.85	1.63	2.00	2.12	106	
6	PCB-155L	32.05	1.27	2.00	1.48	74	
6	PCB-156/157L	44.91	1.26	4.00	4.34	109	
6	PCB-167L	43.73	1.29	2.00	2.29	115	
6	PCB-169L	48.23	1.28	2.00	2.05	102	
7	PCB-188L	37.96	1.04	2.00	1.85	93	
7	PCB-189L	50.77	1.05	2.00	1.02	51	
8	PCB-202L	43.43	0.89	2.00	1.82	91	
8	PCB-205L	53.40	0.91	2.00	1.62	81	
9	PCB-206L	55.10	0.78	2.00	1.40	70	
9	PCB-208L	50.23	0.80	2.00	1.65	82	
10	PCB-209L	56.67	0.72	2.00	1.20	60	
Recovery Standards							
2	PCB-009L	15.05	1.63	2.00	2.92	N/A	
4	PCB-052L	24.97	0.78	2.00	2.53	N/A	
5	PCB-101L	32.28	1.59	2.00	2.55	N/A	
6	PCB-138L	40.64	1.26	2.00	2.43	N/A	
8	PCB-194L	52.90	0.92	2.00	2.12	N/A	
Cleanup Standards							
3	PCB-028L	22.99	1.07	2.00	2.05	102	
5	PCB-111L	35.08	1.57	2.00	1.50	75	
7	PCB-178L	41.08	1.07	2.00	1.65	82	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10715850003
Lab File ID: P241215B_13
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 10:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 01:11
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0228	0.00405	
1	PCB-002			ND		0.0228	0.00411	
1	PCB-003			ND		0.0228	0.00766	
2	PCB-004			ND		0.0228	0.00515	
2	PCB-005			ND		0.0228	0.00550	
2	PCB-006			ND		0.0228	0.00279	
2	PCB-007			ND		0.0228	0.00267	
2	PCB-008	16.06	1.57	0.0334		0.0228	0.00545	
2	PCB-009			ND		0.0228	0.00108	
2	PCB-010			ND		0.0228	0.00123	
2	PCB-011			ND		0.223	0.0594	
2	PCB-012/013			ND		0.0456	0.00299	
2	PCB-014			ND		0.0228	0.00104	
2	PCB-015			ND		0.0301	0.00588	
3	PCB-016			ND		0.0228	0.00332	
3	PCB-017			ND		0.0228	0.00369	
3	PCB-018/030			ND		0.0456	0.00604	
3	PCB-019			ND		0.0228	0.00310	
3	PCB-020/028			ND		0.118	0.00685	
3	PCB-021/033			ND		0.123	0.00565	
3	PCB-022			ND		0.0866	0.00373	
3	PCB-023			ND		0.0228	0.00113	
3	PCB-024			ND		0.0228	0.00126	
3	PCB-025			ND		0.0228	0.00147	
3	PCB-026/029			ND		0.0456	0.00237	
3	PCB-027			ND		0.0228	0.00102	
3	PCB-031			ND		0.119	0.00828	
3	PCB-032			ND		0.0228	0.00277	
3	PCB-034			ND		0.0228	0.00111	
3	PCB-035			ND		0.0228	0.00113	
3	PCB-036			ND		0.0228	0.00106	
3	PCB-037			ND		0.0483	0.00276	
3	PCB-038			ND		0.0228	0.00112	
3	PCB-039			ND		0.0228	0.00144	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10715850003
Lab File ID: P241215B_13
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 10:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 01:11
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0684	0.00468	
4	PCB-042			ND		0.0228	0.00248	
4	PCB-043/073			ND		0.0456	0.00224	
4	PCB-044/047/065			ND		0.0684	0.00662	
4	PCB-045/051			ND		0.0456	0.00342	
4	PCB-046			ND		0.0228	0.00154	
4	PCB-048			ND		0.0228	0.00181	
4	PCB-069/049			ND		0.0456	0.00384	
4	PCB-050/053			ND		0.0456	0.00196	
4	PCB-052			ND		0.118	0.0138	
4	PCB-054			ND		0.0228	0.00104	
4	PCB-055			ND		0.0228	0.00155	
4	PCB-056			ND		0.0228	0.00349	
4	PCB-057			ND		0.0228	0.00104	
4	PCB-058			ND		0.0228	0.00133	
4	PCB-059/062/075			ND		0.0684	0.00235	
4	PCB-060			ND		0.0228	0.00191	
4	PCB-061/070/074/076			ND		0.0912	0.00823	
4	PCB-063			ND		0.0228	0.00089	
4	PCB-064			ND		0.0228	0.00224	
4	PCB-066			ND		0.0538	0.00428	
4	PCB-067			ND		0.0228	0.00125	
4	PCB-068			ND		0.0228	0.00114	
4	PCB-072			ND		0.0228	0.00080	
4	PCB-077			ND		0.0228	0.00138	
4	PCB-078			ND		0.0228	0.00116	
4	PCB-079			ND		0.0228	0.00080	
4	PCB-080			ND		0.0228	0.00112	
4	PCB-081			ND		0.0228	0.00076	
5	PCB-082			ND		0.0228	0.00138	
5	PCB-083			ND		0.0228	0.00119	
5	PCB-084	30.33	1.59	0.0279		0.0228	0.00238	
5	PCB-085/116/117			ND		0.0684	0.00316	
5	PCB-086/087/097/108/119/12			ND		0.137	0.00603	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10715850003
Lab File ID: P241215B_13
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 10:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 01:11
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0456	0.00183	
5	PCB-089			ND		0.0228	0.00130	
5	PCB-090/101/113	32.29	1.56	0.109		0.0684	0.00466	
5	PCB-092			ND		0.0228	0.00098	
5	PCB-093/098/100/102			ND		0.0912	0.00420	
5	PCB-094			ND		0.0228	0.00084	
5	PCB-095	29.19	1.58	0.0820		0.0638	0.00639	
5	PCB-096			ND		0.0228	0.00086	
5	PCB-099	32.91	1.53	0.0386		0.0228	0.00191	
5	PCB-103			ND		0.0228	0.00070	
5	PCB-104			ND		0.0228	0.00131	
5	PCB-105	38.68	1.60	0.0374		0.0228	0.00293	
5	PCB-106			ND		0.0228	0.00115	
5	PCB-107/124			ND		0.0456	0.00205	
5	PCB-109			ND		0.0228	0.00145	
5	PCB-110/115	34.35	1.58	0.135		0.0456	0.00520	
5	PCB-111			ND		0.0228	0.00089	
5	PCB-112			ND		0.0228	0.00141	
5	PCB-114			ND		0.0228	0.00116	
5	PCB-118	37.47	1.56	0.0889		0.0356	0.00529	
5	PCB-120			ND		0.0228	0.00087	
5	PCB-121			ND		0.0228	0.00121	
5	PCB-122			ND		0.0228	0.00125	
5	PCB-123			ND		0.0228	0.00136	
5	PCB-126			ND		0.0228	0.00072	
5	PCB-127			ND		0.0228	0.00115	
6	PCB-128/166			ND		0.0456	0.00246	
6	PCB-129/138/163	40.68	1.27	0.190		0.0684	0.00513	
6	PCB-130			ND		0.0228	0.00125	
6	PCB-131			ND		0.0228	0.00150	
6	PCB-132	37.56	1.32	0.0609		0.0228	0.00170	
6	PCB-133			ND		0.0228	0.00107	
6	PCB-134/143			ND		0.0456	0.00280	
6	PCB-135/151	35.31	1.26	0.0624		0.0456	0.00307	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10715850003
Lab File ID: P241215B_13
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 10:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 01:11
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.0228	0.00156	
6	PCB-137			ND		0.0228	0.00166	
6	PCB-139/140			ND		0.0456	0.00214	
6	PCB-141	39.58	1.32	0.0450		0.0228	0.00202	
6	PCB-142			ND		0.0228	0.00140	
6	PCB-144			ND		0.0228	0.00091	
6	PCB-145			ND		0.0228	0.00104	
6	PCB-146			ND		0.0228	0.00129	
6	PCB-147/149	36.26	1.25	0.153		0.0456	0.00391	
6	PCB-148			ND		0.0228	0.00106	
6	PCB-150			ND		0.0228	0.00108	
6	PCB-152			ND		0.0228	0.00086	
6	PCB-153/168	39.38	1.24	0.158		0.0456	0.00307	
6	PCB-154			ND		0.0228	0.00134	
6	PCB-155			ND		0.0228	0.00119	
6	PCB-156/157			ND		0.0456	0.00169	
6	PCB-158			ND		0.0228	0.00125	
6	PCB-159			ND		0.0228	0.00113	
6	PCB-160			ND		0.0228	0.00129	
6	PCB-161			ND		0.0228	0.00063	
6	PCB-162			ND		0.0228	0.00114	
6	PCB-164			ND		0.0228	0.00141	
6	PCB-165			ND		0.0228	0.00074	
6	PCB-167			ND		0.0228	0.00164	
6	PCB-169			ND		0.0228	0.00102	
7	PCB-170	47.59	1.06	0.0982		0.0228	0.00146	
7	PCB-171/173			ND		0.0456	0.00188	
7	PCB-172			ND		0.0228	0.00455	
7	PCB-174	42.89	1.10	0.124		0.0228	0.00164	
7	PCB-175			ND		0.0228	0.00108	
7	PCB-176			ND		0.0228	0.00090	
7	PCB-177	43.35	1.09	0.0676		0.0228	0.00187	
7	PCB-178	41.11	1.05	0.0241		0.0228	0.00120	
7	PCB-179	38.31	1.05	0.0444		0.0228	0.00141	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10715850003
Lab File ID: P241215B_13
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 10:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 01:11
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.31	1.08	0.244		0.0456	0.00415	
7	PCB-181			ND		0.0228	0.00150	
7	PCB-182			ND		0.0228	0.00124	
7	PCB-183/185	42.68	1.14	0.0843		0.0456	0.00276	
7	PCB-184			ND		0.0228	0.00064	
7	PCB-186			ND		0.0228	0.00149	
7	PCB-187	42.03	1.08	0.114		0.0228	0.00169	
7	PCB-188			ND		0.0228	0.00072	
7	PCB-189			ND		0.0228	0.00114	
7	PCB-190			ND		0.0228	0.00158	
7	PCB-191			ND		0.0228	0.00146	
7	PCB-192			ND		0.0228	0.00147	
8	PCB-194	52.92	0.88	0.0455		0.0228	0.00117	
8	PCB-195			ND		0.0228	0.00150	
8	PCB-196	48.95	0.83	0.0270		0.0228	0.00112	
8	PCB-197/200			ND		0.0456	0.00190	
8	PCB-198/199			ND		0.0456	0.00197	
8	PCB-201			ND		0.0228	0.00058	
8	PCB-202			ND		0.0228	0.00122	
8	PCB-203	49.17	0.92	0.0293		0.0228	0.00102	
8	PCB-204			ND		0.0228	0.00117	
8	PCB-205			ND		0.0228	0.00141	
9	PCB-206			ND		0.0228	0.00202	
9	PCB-207			ND		0.0228	0.00136	
9	PCB-208			ND		0.0228	0.00121	
10	PCB-209			ND		0.0228	0.00713	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10715850003
Lab File ID: P241215B_13
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 10:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 01:11
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0334	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	0.519	
Total HxCB	0.669	
Total HpCB	0.800	
Total OcCB	0.102	
Total NoCB	ND	
DeCB	ND	
Total PCBs	2.12	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10715850004
Lab File ID: P241215B_14
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 12:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 02:12
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115915

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1880mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.58	3.16	2.00	0.936	47	
1	PCB-003L	12.33	3.14	2.00	1.16	58	
2	PCB-004L	12.62	1.56	2.00	0.790	39	
2	PCB-015L	19.63	1.63	2.00	1.39	70	
3	PCB-019L	16.37	1.04	2.00	0.944	47	
3	PCB-037L	27.37	1.09	2.00	2.10	105	
4	PCB-054L	19.93	0.78	2.00	1.20	60	
4	PCB-077L	35.06	0.82	2.00	1.92	96	
4	PCB-081L	34.49	0.81	2.00	2.06	103	
5	PCB-104L	26.01	1.53	2.00	1.12	56	
5	PCB-105L	38.68	1.60	2.00	1.92	96	
5	PCB-114L	38.01	1.62	2.00	2.11	105	
5	PCB-118L	37.45	1.61	2.00	2.00	100	
5	PCB-123L	37.12	1.62	2.00	2.03	101	
5	PCB-126L	41.85	1.61	2.00	1.95	97	
6	PCB-155L	32.05	1.32	2.00	1.33	66	
6	PCB-156/157L	44.92	1.29	4.00	3.87	97	
6	PCB-167L	43.73	1.29	2.00	2.02	101	
6	PCB-169L	48.22	1.27	2.00	1.79	90	
7	PCB-188L	37.97	1.06	2.00	1.73	87	
7	PCB-189L	50.76	1.06	2.00	1.94	97	
8	PCB-202L	43.45	0.89	2.00	1.68	84	
8	PCB-205L	53.35	0.91	2.00	1.43	72	
9	PCB-206L	55.08	0.78	2.00	1.29	65	
9	PCB-208L	50.23	0.79	2.00	1.46	73	
10	PCB-209L	56.67	0.73	2.00	1.12	56	
Recovery Standards							
2	PCB-009L	15.04	1.63	2.00	3.11	N/A	
4	PCB-052L	24.99	0.78	2.00	2.65	N/A	
5	PCB-101L	32.28	1.59	2.00	2.63	N/A	
6	PCB-138L	40.64	1.26	2.00	2.61	N/A	
8	PCB-194L	52.88	0.92	2.00	2.18	N/A	
Cleanup Standards							
3	PCB-028L	23.01	1.07	2.00	1.95	98	
5	PCB-111L	35.09	1.59	2.00	1.43	72	
7	PCB-178L	41.09	1.08	2.00	1.53	77	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10715850004
Lab File ID: P241215B_14
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 12:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 02:12
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1880mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	9.60	3.12	0.0952		0.0213	0.00378	
1	PCB-002			ND		0.0213	0.00384	
1	PCB-003			ND		0.0213	0.00716	
2	PCB-004	12.63	1.58	2.26		0.0213	0.00481	
2	PCB-005			ND		0.0213	0.00514	
2	PCB-006	15.54	1.52	0.0549		0.0213	0.00261	
2	PCB-007			ND		0.0213	0.00249	
2	PCB-008	16.06	1.53	0.0802	U	0.0213	0.00509	
2	PCB-009			ND		0.0213	0.00101	
2	PCB-010	12.86	1.55	0.0617		0.0213	0.00115	
2	PCB-011			ND		0.209	0.0555	
2	PCB-012/013			ND		0.0426	0.00279	
2	PCB-014			ND		0.0213	0.00097	
2	PCB-015	19.65	1.60	0.0966		0.0281	0.00550	
3	PCB-016	19.56	0.99	0.0355		0.0213	0.00310	
3	PCB-017	19.05	1.05	0.252		0.0213	0.00345	
3	PCB-018/030	18.58	1.06	0.200		0.0426	0.00564	
3	PCB-019	16.39	1.06	1.23		0.0213	0.00290	
3	PCB-020/028	23.04	1.05	0.268		0.110	0.00640	
3	PCB-021/033			ND		0.115	0.00528	
3	PCB-022			ND		0.0809	0.00348	
3	PCB-023			ND		0.0213	0.00106	
3	PCB-024			ND		0.0213	0.00118	
3	PCB-025	22.36	1.04	0.141		0.0213	0.00137	
3	PCB-026/029	22.09	1.03	0.164		0.0426	0.00222	
3	PCB-027	19.28	1.05	0.169		0.0213	0.00095	
3	PCB-031	22.70	1.03	0.153		0.111	0.00774	
3	PCB-032	20.16	1.03	0.381		0.0213	0.00259	
3	PCB-034			ND		0.0213	0.00104	
3	PCB-035			ND		0.0213	0.00105	
3	PCB-036			ND		0.0213	0.00099	
3	PCB-037			ND		0.0452	0.00258	
3	PCB-038			ND		0.0213	0.00105	
3	PCB-039			ND		0.0213	0.00134	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10715850004
Lab File ID: P241215B_14
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 12:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 02:12
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1880mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	27.18	0.78	0.486		0.0639	0.00438	
4	PCB-042	26.66	0.79	0.161		0.0213	0.00232	
4	PCB-043/073	25.17	0.78	0.0945		0.0426	0.00210	
4	PCB-044/047/065	26.15	0.79	3.18		0.0639	0.00619	
4	PCB-045/051	23.19	0.78	1.81		0.0426	0.00319	
4	PCB-046	23.44	0.78	0.114		0.0213	0.00144	
4	PCB-048			ND		0.0213	0.00169	
4	PCB-069/049	25.54	0.78	1.87		0.0426	0.00359	
4	PCB-050/053	22.37	0.80	1.58		0.0426	0.00183	
4	PCB-052	25.02	0.78	1.13		0.110	0.0129	
4	PCB-054	19.94	0.79	0.494		0.0213	0.00097	
4	PCB-055			ND		0.0213	0.00145	
4	PCB-056	31.20	0.81	0.0217		0.0213	0.00326	
4	PCB-057			ND		0.0213	0.00097	
4	PCB-058			ND		0.0213	0.00125	
4	PCB-059/062/075	26.50	0.82	0.0639		0.0639	0.00219	
4	PCB-060			ND		0.0213	0.00179	
4	PCB-061/070/074/076	30.14	0.78	0.203		0.0852	0.00769	
4	PCB-063	29.80	0.79	0.0235		0.0213	0.00083	
4	PCB-064	27.43	0.78	0.0569		0.0213	0.00210	
4	PCB-066	30.50	0.80	0.232		0.0503	0.00400	
4	PCB-067			ND		0.0213	0.00117	
4	PCB-068	28.64	0.73	0.0586		0.0213	0.00106	
4	PCB-072	28.33	0.75	0.0354		0.0213	0.00075	
4	PCB-077			ND		0.0213	0.00129	
4	PCB-078			ND		0.0213	0.00109	
4	PCB-079			ND		0.0213	0.00075	
4	PCB-080			ND		0.0213	0.00105	
4	PCB-081			ND		0.0213	0.00071	
5	PCB-082	34.68	1.59	0.0251		0.0213	0.00129	
5	PCB-083	32.79	1.62	0.0421		0.0213	0.00111	
5	PCB-084	30.34	1.57	0.130	U	0.0213	0.00223	
5	PCB-085/116/117	34.15	1.54	0.109		0.0639	0.00295	
5	PCB-086/087/097/108/119/12	33.47	1.56	0.395		0.128	0.00563	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10715850004
Lab File ID: P241215B_14
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 12:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 02:12
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1880mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.13	1.55	0.485		0.0426	0.00171	
5	PCB-089			ND		0.0213	0.00121	
5	PCB-090/101/113	32.31	1.54	1.27		0.0639	0.00436	
5	PCB-092	31.69	1.58	0.426		0.0213	0.00092	
5	PCB-093/098/100/102	29.48	1.61	0.398		0.0852	0.00393	
5	PCB-094	28.74	1.59	0.120		0.0213	0.00079	
5	PCB-095	29.20	1.57	0.894		0.0596	0.00597	
5	PCB-096	26.41	1.56	0.0534		0.0213	0.00080	
5	PCB-099	32.93	1.54	0.540		0.0213	0.00179	
5	PCB-103	28.52	1.55	0.153		0.0213	0.00065	
5	PCB-104	26.04	1.65	0.0415		0.0213	0.00122	
5	PCB-105	38.70	1.59	0.0645	U	0.0213	0.00274	
5	PCB-106			ND		0.0213	0.00108	
5	PCB-107/124			ND		0.0426	0.00192	
5	PCB-109	37.02	1.54	0.0467		0.0213	0.00135	
5	PCB-110/115	34.37	1.57	0.758		0.0426	0.00486	
5	PCB-111			ND		0.0213	0.00084	
5	PCB-112			ND		0.0213	0.00132	
5	PCB-114			ND		0.0213	0.00109	
5	PCB-118	37.49	1.55	0.303	U	0.0332	0.00494	
5	PCB-120			ND		0.0213	0.00081	
5	PCB-121			ND		0.0213	0.00113	
5	PCB-122			ND		0.0213	0.00117	
5	PCB-123			ND		0.0213	0.00127	
5	PCB-126			ND		0.0213	0.00068	
5	PCB-127			ND		0.0213	0.00108	
6	PCB-128/166	41.95	1.22	0.0679		0.0426	0.00230	
6	PCB-129/138/163	40.67	1.27	1.74		0.0639	0.00479	
6	PCB-130	40.00	1.33	0.0909		0.0213	0.00117	
6	PCB-131			ND		0.0213	0.00141	
6	PCB-132	37.57	1.26	0.472		0.0213	0.00159	
6	PCB-133	38.09	1.25	0.0588		0.0213	0.00100	
6	PCB-134/143	36.48	1.26	0.0984		0.0426	0.00262	
6	PCB-135/151	35.31	1.26	1.05		0.0426	0.00286	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10715850004
Lab File ID: P241215B_14
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 12:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 02:12
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1880mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	32.80	1.23	0.306		0.0213	0.00146	
6	PCB-137	40.24	1.20	0.0377		0.0213	0.00155	
6	PCB-139/140			ND		0.0426	0.00200	
6	PCB-141	39.58	1.27	0.366		0.0213	0.00188	
6	PCB-142			ND		0.0213	0.00131	
6	PCB-144	35.90	1.27	0.0917		0.0213	0.00085	
6	PCB-145			ND		0.0213	0.00097	
6	PCB-146	38.76	1.27	0.405		0.0213	0.00120	
6	PCB-147/149	36.26	1.26	2.11		0.0426	0.00365	
6	PCB-148			ND		0.0213	0.00099	
6	PCB-150	32.43	1.19	0.0228		0.0213	0.00101	
6	PCB-152			ND		0.0213	0.00081	
6	PCB-153/168	39.40	1.28	1.99		0.0426	0.00286	
6	PCB-154	35.59	1.24	0.0749		0.0213	0.00126	
6	PCB-155			ND		0.0213	0.00111	
6	PCB-156/157	44.92	1.24	0.0732		0.0426	0.00158	
6	PCB-158	41.08	1.27	0.110		0.0213	0.00117	
6	PCB-159			ND		0.0213	0.00106	
6	PCB-160			ND		0.0213	0.00120	
6	PCB-161			ND		0.0213	0.00059	
6	PCB-162			ND		0.0213	0.00106	
6	PCB-164	40.36	1.25	0.112		0.0213	0.00132	
6	PCB-165			ND		0.0213	0.00069	
6	PCB-167	43.76	1.31	0.0490		0.0213	0.00153	
6	PCB-169			ND		0.0213	0.00095	
7	PCB-170	47.60	1.08	0.533		0.0213	0.00136	
7	PCB-171/173	44.02	1.07	0.191		0.0426	0.00176	
7	PCB-172	45.66	1.05	0.130		0.0213	0.00425	
7	PCB-174	42.91	1.04	0.739		0.0213	0.00153	
7	PCB-175	41.76	0.98	0.0334		0.0213	0.00101	
7	PCB-176	39.23	1.02	0.105		0.0213	0.00084	
7	PCB-177	43.36	1.04	0.468		0.0213	0.00175	
7	PCB-178	41.11	1.02	0.214		0.0213	0.00112	
7	PCB-179	38.33	1.05	0.409		0.0213	0.00132	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10715850004
Lab File ID: P241215B_14
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 12:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 02:12
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1880mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.33	1.06	1.41		0.0426	0.00388	
7	PCB-181			ND		0.0213	0.00141	
7	PCB-182			ND		0.0213	0.00116	
7	PCB-183/185	42.69	1.13	0.533		0.0426	0.00258	
7	PCB-184			ND		0.0213	0.00059	
7	PCB-186			ND		0.0213	0.00140	
7	PCB-187	42.05	1.05	0.927		0.0213	0.00158	
7	PCB-188			ND		0.0213	0.00067	
7	PCB-189	50.79	1.03	0.0221		0.0213	0.00106	
7	PCB-190	48.16	1.04	0.115		0.0213	0.00148	
7	PCB-191	46.68	1.19	0.0245		0.0213	0.00136	
7	PCB-192			ND		0.0213	0.00137	
8	PCB-194	52.90	0.93	0.260		0.0213	0.00110	
8	PCB-195	50.51	0.87	0.101		0.0213	0.00141	
8	PCB-196	48.96	0.88	0.162		0.0213	0.00105	
8	PCB-197/200	45.42	0.87	0.0621		0.0426	0.00178	
8	PCB-198/199	48.29	0.89	0.300		0.0426	0.00184	
8	PCB-201	44.42	0.89	0.0476		0.0213	0.00054	
8	PCB-202	43.48	0.88	0.0733		0.0213	0.00114	
8	PCB-203	49.18	0.86	0.194		0.0213	0.00095	
8	PCB-204			ND		0.0213	0.00110	
8	PCB-205			ND		0.0213	0.00132	
9	PCB-206	55.10	0.76	0.0676		0.0213	0.00188	
9	PCB-207			ND		0.0213	0.00127	
9	PCB-208			ND		0.0213	0.00113	
10	PCB-209			ND		0.0213	0.00667	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10715850004
Lab File ID: P241215B_14
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 12:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 02:12
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1880mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241215B04
CCal File(s): P241215B_03

Homologue	Concentration (ng/L)	Q
Total MoCB	0.0952	
Total DiCB	2.56	
Total TrCB	3.00	
Total TeCB	11.6	
Total PeCB	6.25	
Total HxCB	9.32	
Total HpCB	5.85	
Total OcCB	1.20	
Total NoCB	0.0676	
DeCB	ND	
Total PCBs	40.0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Report No.....10715851_1668C_L2_dff

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 10715851

10715851

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30224932.3000	Invoice to: Arcadis U.S., Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accountsPayable.administration@arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [✓] ET	County / State origin of sample(s): Pittsfield, MA

Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	PCB 1668	Sample Comment
Derby Dam	WT				11/11/24	13:45	4			X	001
Stevenson Dam	WT				11/11/24	15:15	4			X	002
Rt. 202 Bridge	WT				11/11/24	16:45	4			X	003
Shepaug Dam	WT				11/12/24	13:15	4			X	004
Rt. 341 Bridge	WT				11/12/24	15:30	4			X	005
Canaan Town Line Bridge	WT				11/13/24	12:00	4			X	006
Falls Village Dam	WT				11/13/24	12:50	4			X	007
Rannapo Rd Bridge	WT				11/13/24	14:15	4			X	008

Specify Container Size ** : 1

Identify Container Preservative Type*** : 1

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 45643

Preservation non-conformance identified for sample.

Additional Instructions from Pace® :

Collected By: Printed Name: Penelope T. Rabasco Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: Refer to contract

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C):	Corrected Temp. (°C):	On Ice
4	11	+0.1	4.8, 2.0, 3.1, 4.3	4.9, 2.1, 3.2, 4.4	✓

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Rabasco / Arcadis	11/14/24 17:30	TW Pace	11/15/24 850
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10715851001
Lab File ID: P241216A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 13:45
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 07:17
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115915

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.57	3.27	2.00	1.02	51	
1	PCB-003L	12.31	3.29	2.00	1.29	64	
2	PCB-004L	12.60	1.58	2.00	1.18	59	
2	PCB-015L	19.60	1.62	2.00	1.55	77	
3	PCB-019L	16.34	1.04	2.00	1.24	62	
3	PCB-037L	27.34	1.07	2.00	1.78	89	
4	PCB-054L	19.91	0.77	2.00	1.19	59	
4	PCB-077L	35.03	0.81	2.00	1.78	89	
4	PCB-081L	34.46	0.81	2.00	1.82	91	
5	PCB-104L	25.98	1.64	2.00	1.38	69	
5	PCB-105L	38.65	1.56	2.00	1.78	89	
5	PCB-114L	37.97	1.58	2.00	1.83	92	
5	PCB-118L	37.44	1.62	2.00	1.83	92	
5	PCB-123L	37.09	1.60	2.00	1.82	91	
5	PCB-126L	41.83	1.56	2.00	1.92	96	
6	PCB-155L	32.03	1.23	2.00	1.50	75	
6	PCB-156/157L	44.89	1.29	4.00	3.52	88	
6	PCB-167L	43.70	1.27	2.00	1.81	91	
6	PCB-169L	48.19	1.27	2.00	1.83	92	
7	PCB-188L	37.94	1.03	2.00	1.54	77	
7	PCB-189L	50.74	1.04	2.00	1.54	77	
8	PCB-202L	43.41	0.90	2.00	1.55	78	
8	PCB-205L	53.33	0.89	2.00	1.48	74	
9	PCB-206L	55.06	0.76	2.00	1.45	72	
9	PCB-208L	50.21	0.76	2.00	1.50	75	
10	PCB-209L	56.65	0.70	2.00	1.35	67	
Recovery Standards							
2	PCB-009L	15.02	1.59	2.00	2.10	N/A	
4	PCB-052L	24.96	0.77	2.00	2.27	N/A	
5	PCB-101L	32.25	1.55	2.00	2.27	N/A	
6	PCB-138L	40.61	1.25	2.00	2.36	N/A	
8	PCB-194L	52.86	0.93	2.00	2.40	N/A	
Cleanup Standards							
3	PCB-028L	22.99	1.05	2.00	1.57	79	
5	PCB-111L	35.06	1.55	2.00	1.49	74	
7	PCB-178L	41.06	1.04	2.00	1.69	85	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10715851001
Lab File ID: P241216A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 13:45
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 07:17
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0212	0.00376	
1	PCB-002			ND		0.0212	0.00382	
1	PCB-003			ND		0.0212	0.00712	
2	PCB-004	12.62	1.38	0.0233		0.0212	0.00479	
2	PCB-005			ND		0.0212	0.00512	
2	PCB-006			ND		0.0212	0.00260	
2	PCB-007			ND		0.0212	0.00248	
2	PCB-008			ND		0.0212	0.00506	
2	PCB-009			ND		0.0212	0.00100	
2	PCB-010			ND		0.0212	0.00114	
2	PCB-011			ND		0.208	0.0552	
2	PCB-012/013			ND		0.0424	0.00278	
2	PCB-014			ND		0.0212	0.00096	
2	PCB-015			ND		0.0280	0.00547	
3	PCB-016			ND		0.0212	0.00308	
3	PCB-017			ND		0.0212	0.00343	
3	PCB-018/030			ND		0.0424	0.00562	
3	PCB-019			ND		0.0212	0.00288	
3	PCB-020/028			ND		0.109	0.00637	
3	PCB-021/033			ND		0.114	0.00525	
3	PCB-022			ND		0.0805	0.00346	
3	PCB-023			ND		0.0212	0.00105	
3	PCB-024			ND		0.0212	0.00118	
3	PCB-025			ND		0.0212	0.00137	
3	PCB-026/029			ND		0.0424	0.00220	
3	PCB-027			ND		0.0212	0.00094	
3	PCB-031			ND		0.110	0.00770	
3	PCB-032			ND		0.0212	0.00257	
3	PCB-034			ND		0.0212	0.00103	
3	PCB-035			ND		0.0212	0.00105	
3	PCB-036			ND		0.0212	0.00098	
3	PCB-037			ND		0.0449	0.00256	
3	PCB-038			ND		0.0212	0.00104	
3	PCB-039			ND		0.0212	0.00133	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10715851001
Lab File ID: P241216A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 13:45
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 07:17
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0636	0.00435	
4	PCB-042			ND		0.0212	0.00231	
4	PCB-043/073			ND		0.0424	0.00209	
4	PCB-044/047/065			ND		0.0636	0.00616	
4	PCB-045/051			ND		0.0424	0.00318	
4	PCB-046			ND		0.0212	0.00143	
4	PCB-048			ND		0.0212	0.00168	
4	PCB-069/049			ND		0.0424	0.00357	
4	PCB-050/053			ND		0.0424	0.00182	
4	PCB-052			ND		0.109	0.0128	
4	PCB-054			ND		0.0212	0.00096	
4	PCB-055			ND		0.0212	0.00144	
4	PCB-056			ND		0.0212	0.00324	
4	PCB-057			ND		0.0212	0.00096	
4	PCB-058			ND		0.0212	0.00124	
4	PCB-059/062/075			ND		0.0636	0.00218	
4	PCB-060			ND		0.0212	0.00178	
4	PCB-061/070/074/076			ND		0.0848	0.00765	
4	PCB-063			ND		0.0212	0.00083	
4	PCB-064			ND		0.0212	0.00209	
4	PCB-066			ND		0.0500	0.00398	
4	PCB-067			ND		0.0212	0.00117	
4	PCB-068			ND		0.0212	0.00106	
4	PCB-072			ND		0.0212	0.00074	
4	PCB-077			ND		0.0212	0.00128	
4	PCB-078			ND		0.0212	0.00108	
4	PCB-079			ND		0.0212	0.00074	
4	PCB-080			ND		0.0212	0.00104	
4	PCB-081			ND		0.0212	0.00070	
5	PCB-082			ND		0.0212	0.00128	
5	PCB-083			ND		0.0212	0.00110	
5	PCB-084			ND		0.0212	0.00221	
5	PCB-085/116/117			ND		0.0636	0.00293	
5	PCB-086/087/097/108/119/12			ND		0.127	0.00560	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10715851001
Lab File ID: P241216A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 13:45
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 07:17
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0424	0.00171	
5	PCB-089			ND		0.0212	0.00121	
5	PCB-090/101/113			ND		0.0636	0.00433	
5	PCB-092			ND		0.0212	0.00092	
5	PCB-093/098/100/102			ND		0.0848	0.00391	
5	PCB-094			ND		0.0212	0.00078	
5	PCB-095			ND		0.0593	0.00594	
5	PCB-096			ND		0.0212	0.00080	
5	PCB-099			ND		0.0212	0.00178	
5	PCB-103			ND		0.0212	0.00065	
5	PCB-104			ND		0.0212	0.00122	
5	PCB-105			ND		0.0212	0.00272	
5	PCB-106			ND		0.0212	0.00107	
5	PCB-107/124			ND		0.0424	0.00191	
5	PCB-109			ND		0.0212	0.00135	
5	PCB-110/115			ND		0.0424	0.00483	
5	PCB-111			ND		0.0212	0.00083	
5	PCB-112			ND		0.0212	0.00131	
5	PCB-114			ND		0.0212	0.00108	
5	PCB-118			ND		0.0331	0.00492	
5	PCB-120			ND		0.0212	0.00081	
5	PCB-121			ND		0.0212	0.00112	
5	PCB-122			ND		0.0212	0.00117	
5	PCB-123			ND		0.0212	0.00126	
5	PCB-126			ND		0.0212	0.00067	
5	PCB-127			ND		0.0212	0.00107	
6	PCB-128/166			ND		0.0424	0.00229	
6	PCB-129/138/163			ND		0.0636	0.00477	
6	PCB-130			ND		0.0212	0.00117	
6	PCB-131			ND		0.0212	0.00140	
6	PCB-132			ND		0.0212	0.00158	
6	PCB-133			ND		0.0212	0.00099	
6	PCB-134/143			ND		0.0424	0.00261	
6	PCB-135/151			ND		0.0424	0.00285	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10715851001
Lab File ID: P241216A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 13:45
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 07:17
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.0212	0.00145	
6	PCB-137			ND		0.0212	0.00155	
6	PCB-139/140			ND		0.0424	0.00199	
6	PCB-141			ND		0.0212	0.00188	
6	PCB-142			ND		0.0212	0.00130	
6	PCB-144			ND		0.0212	0.00085	
6	PCB-145			ND		0.0212	0.00096	
6	PCB-146			ND		0.0212	0.00120	
6	PCB-147/149			ND		0.0424	0.00363	
6	PCB-148			ND		0.0212	0.00098	
6	PCB-150			ND		0.0212	0.00100	
6	PCB-152			ND		0.0212	0.00080	
6	PCB-153/168			ND		0.0424	0.00285	
6	PCB-154			ND		0.0212	0.00125	
6	PCB-155			ND		0.0212	0.00110	
6	PCB-156/157			ND		0.0424	0.00157	
6	PCB-158			ND		0.0212	0.00117	
6	PCB-159			ND		0.0212	0.00105	
6	PCB-160			ND		0.0212	0.00120	
6	PCB-161			ND		0.0212	0.00059	
6	PCB-162			ND		0.0212	0.00106	
6	PCB-164			ND		0.0212	0.00131	
6	PCB-165			ND		0.0212	0.00068	
6	PCB-167			ND		0.0212	0.00153	
6	PCB-169			ND		0.0212	0.00095	
7	PCB-170			ND		0.0212	0.00136	
7	PCB-171/173			ND		0.0424	0.00175	
7	PCB-172			ND		0.0212	0.00423	
7	PCB-174			ND		0.0212	0.00153	
7	PCB-175			ND		0.0212	0.00101	
7	PCB-176			ND		0.0212	0.00084	
7	PCB-177			ND		0.0212	0.00174	
7	PCB-178			ND		0.0212	0.00111	
7	PCB-179			ND		0.0212	0.00131	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10715851001
Lab File ID: P241216A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 13:45
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 07:17
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND		0.0424	0.00386	
7	PCB-181			ND		0.0212	0.00140	
7	PCB-182			ND		0.0212	0.00115	
7	PCB-183/185			ND		0.0424	0.00256	
7	PCB-184			ND		0.0212	0.00059	
7	PCB-186			ND		0.0212	0.00139	
7	PCB-187			ND		0.0212	0.00157	
7	PCB-188			ND		0.0212	0.00067	
7	PCB-189			ND		0.0212	0.00106	
7	PCB-190			ND		0.0212	0.00147	
7	PCB-191			ND		0.0212	0.00136	
7	PCB-192			ND		0.0212	0.00137	
8	PCB-194			ND		0.0212	0.00109	
8	PCB-195			ND		0.0212	0.00140	
8	PCB-196			ND		0.0212	0.00105	
8	PCB-197/200			ND		0.0424	0.00177	
8	PCB-198/199			ND		0.0424	0.00183	
8	PCB-201			ND		0.0212	0.00054	
8	PCB-202			ND		0.0212	0.00113	
8	PCB-203			ND		0.0212	0.00095	
8	PCB-204			ND		0.0212	0.00109	
8	PCB-205			ND		0.0212	0.00131	
9	PCB-206			ND		0.0212	0.00188	
9	PCB-207			ND		0.0212	0.00126	
9	PCB-208			ND		0.0212	0.00112	
10	PCB-209			ND		0.0212	0.00663	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10715851001
Lab File ID: P241216A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 13:45
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 07:17
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0233	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	ND	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	0.0233	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10715851002
Lab File ID: P241216A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 15:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 08:18
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115915

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.59	3.05	2.00	1.08	54	
1	PCB-003L	12.34	3.24	2.00	1.31	65	
2	PCB-004L	12.62	1.57	2.00	1.16	58	
2	PCB-015L	19.63	1.62	2.00	1.51	75	
3	PCB-019L	16.37	1.05	2.00	1.23	61	
3	PCB-037L	27.35	1.09	2.00	1.76	88	
4	PCB-054L	19.93	0.78	2.00	1.25	62	
4	PCB-077L	35.07	0.81	2.00	1.74	87	
4	PCB-081L	34.48	0.80	2.00	1.78	89	
5	PCB-104L	26.01	1.60	2.00	1.39	70	
5	PCB-105L	38.66	1.58	2.00	1.73	87	
5	PCB-114L	38.01	1.61	2.00	1.83	91	
5	PCB-118L	37.46	1.59	2.00	1.79	89	
5	PCB-123L	37.10	1.61	2.00	1.79	89	
5	PCB-126L	41.85	1.58	2.00	1.85	92	
6	PCB-155L	32.05	1.24	2.00	1.55	77	
6	PCB-156/157L	44.91	1.27	4.00	3.56	89	
6	PCB-167L	43.73	1.27	2.00	1.83	92	
6	PCB-169L	48.23	1.28	2.00	1.79	90	
7	PCB-188L	37.96	1.06	2.00	1.75	87	
7	PCB-189L	50.77	1.03	2.00	0.686	34	
8	PCB-202L	43.45	0.90	2.00	1.66	83	
8	PCB-205L	53.42	0.92	2.00	1.48	74	
9	PCB-206L	55.12	0.82	2.00	1.36	68	
9	PCB-208L	50.23	0.77	2.00	1.58	79	
10	PCB-209L	56.69	0.71	2.00	1.28	64	
Recovery Standards							
2	PCB-009L	15.04	1.59	2.00	2.29	N/A	
4	PCB-052L	24.99	0.78	2.00	2.43	N/A	
5	PCB-101L	32.28	1.56	2.00	2.43	N/A	
6	PCB-138L	40.64	1.28	2.00	2.40	N/A	
8	PCB-194L	52.92	0.94	2.00	2.24	N/A	
Cleanup Standards							
3	PCB-028L	23.01	1.06	2.00	1.56	78	
5	PCB-111L	35.08	1.57	2.00	1.42	71	
7	PCB-178L	41.08	1.04	2.00	1.67	83	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10715851002
Lab File ID: P241216A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 15:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 08:18
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0237	0.00421	
1	PCB-002			ND		0.0237	0.00428	
1	PCB-003			ND		0.0237	0.00797	
2	PCB-004	12.64	1.57	0.0340		0.0237	0.00536	
2	PCB-005			ND		0.0237	0.00573	
2	PCB-006			ND		0.0237	0.00291	
2	PCB-007			ND		0.0237	0.00277	
2	PCB-008			ND		0.0237	0.00567	
2	PCB-009			ND		0.0237	0.00112	
2	PCB-010			ND		0.0237	0.00128	
2	PCB-011			ND		0.232	0.0618	
2	PCB-012/013			ND		0.0474	0.00311	
2	PCB-014			ND		0.0237	0.00109	
2	PCB-015			ND		0.0313	0.00612	
3	PCB-016			ND		0.0237	0.00345	
3	PCB-017			ND		0.0237	0.00384	
3	PCB-018/030			ND		0.0474	0.00629	
3	PCB-019			ND		0.0237	0.00323	
3	PCB-020/028			ND		0.122	0.00713	
3	PCB-021/033			ND		0.128	0.00588	
3	PCB-022			ND		0.0901	0.00388	
3	PCB-023			ND		0.0237	0.00118	
3	PCB-024			ND		0.0237	0.00132	
3	PCB-025			ND		0.0237	0.00153	
3	PCB-026/029			ND		0.0474	0.00247	
3	PCB-027			ND		0.0237	0.00106	
3	PCB-031			ND		0.123	0.00862	
3	PCB-032			ND		0.0237	0.00288	
3	PCB-034			ND		0.0237	0.00115	
3	PCB-035			ND		0.0237	0.00117	
3	PCB-036			ND		0.0237	0.00111	
3	PCB-037			ND		0.0503	0.00287	
3	PCB-038			ND		0.0237	0.00116	
3	PCB-039			ND		0.0237	0.00149	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10715851002
Lab File ID: P241216A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 15:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 08:18
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0712	0.00487	
4	PCB-042			ND		0.0237	0.00259	
4	PCB-043/073			ND		0.0474	0.00234	
4	PCB-044/047/065			ND		0.0712	0.00689	
4	PCB-045/051			ND		0.0474	0.00356	
4	PCB-046			ND		0.0237	0.00160	
4	PCB-048			ND		0.0237	0.00189	
4	PCB-069/049			ND		0.0474	0.00400	
4	PCB-050/053			ND		0.0474	0.00204	
4	PCB-052			ND		0.122	0.0143	
4	PCB-054			ND		0.0237	0.00109	
4	PCB-055			ND		0.0237	0.00161	
4	PCB-056			ND		0.0237	0.00363	
4	PCB-057			ND		0.0237	0.00108	
4	PCB-058			ND		0.0237	0.00139	
4	PCB-059/062/075			ND		0.0712	0.00244	
4	PCB-060			ND		0.0237	0.00199	
4	PCB-061/070/074/076			ND		0.0949	0.00856	
4	PCB-063			ND		0.0237	0.00093	
4	PCB-064			ND		0.0237	0.00234	
4	PCB-066			ND		0.0560	0.00446	
4	PCB-067			ND		0.0237	0.00130	
4	PCB-068			ND		0.0237	0.00119	
4	PCB-072			ND		0.0237	0.00083	
4	PCB-077			ND		0.0237	0.00143	
4	PCB-078			ND		0.0237	0.00121	
4	PCB-079			ND		0.0237	0.00083	
4	PCB-080			ND		0.0237	0.00117	
4	PCB-081			ND		0.0237	0.00079	
5	PCB-082			ND		0.0237	0.00143	
5	PCB-083			ND		0.0237	0.00123	
5	PCB-084			ND		0.0237	0.00248	
5	PCB-085/116/117			ND		0.0712	0.00328	
5	PCB-086/087/097/108/119/12			ND		0.142	0.00627	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10715851002
Lab File ID: P241216A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 15:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 08:18
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0474	0.00191	
5	PCB-089			ND		0.0237	0.00135	
5	PCB-090/101/113			ND		0.0712	0.00485	
5	PCB-092			ND		0.0237	0.00103	
5	PCB-093/098/100/102			ND		0.0949	0.00438	
5	PCB-094			ND		0.0237	0.00088	
5	PCB-095			ND		0.0664	0.00665	
5	PCB-096			ND		0.0237	0.00089	
5	PCB-099			ND		0.0237	0.00199	
5	PCB-103			ND		0.0237	0.00073	
5	PCB-104			ND		0.0237	0.00136	
5	PCB-105			ND		0.0237	0.00305	
5	PCB-106			ND		0.0237	0.00120	
5	PCB-107/124			ND		0.0474	0.00213	
5	PCB-109			ND		0.0237	0.00151	
5	PCB-110/115			ND		0.0474	0.00541	
5	PCB-111			ND		0.0237	0.00093	
5	PCB-112			ND		0.0237	0.00147	
5	PCB-114			ND		0.0237	0.00121	
5	PCB-118			ND		0.0370	0.00550	
5	PCB-120			ND		0.0237	0.00091	
5	PCB-121			ND		0.0237	0.00126	
5	PCB-122			ND		0.0237	0.00130	
5	PCB-123			ND		0.0237	0.00141	
5	PCB-126			ND		0.0237	0.00075	
5	PCB-127			ND		0.0237	0.00120	
6	PCB-128/166			ND		0.0474	0.00256	
6	PCB-129/138/163			ND		0.0712	0.00534	
6	PCB-130			ND		0.0237	0.00130	
6	PCB-131			ND		0.0237	0.00157	
6	PCB-132			ND		0.0237	0.00177	
6	PCB-133			ND		0.0237	0.00112	
6	PCB-134/143			ND		0.0474	0.00292	
6	PCB-135/151			ND		0.0474	0.00319	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10715851002
Lab File ID: P241216A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 15:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 08:18
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.0237	0.00162	
6	PCB-137			ND		0.0237	0.00173	
6	PCB-139/140			ND		0.0474	0.00223	
6	PCB-141			ND		0.0237	0.00210	
6	PCB-142			ND		0.0237	0.00146	
6	PCB-144			ND		0.0237	0.00095	
6	PCB-145			ND		0.0237	0.00109	
6	PCB-146			ND		0.0237	0.00134	
6	PCB-147/149			ND		0.0474	0.00407	
6	PCB-148			ND		0.0237	0.00111	
6	PCB-150			ND		0.0237	0.00112	
6	PCB-152			ND		0.0237	0.00090	
6	PCB-153/168			ND		0.0474	0.00319	
6	PCB-154			ND		0.0237	0.00140	
6	PCB-155			ND		0.0237	0.00123	
6	PCB-156/157			ND		0.0474	0.00176	
6	PCB-158			ND		0.0237	0.00130	
6	PCB-159			ND		0.0237	0.00118	
6	PCB-160			ND		0.0237	0.00134	
6	PCB-161			ND		0.0237	0.00066	
6	PCB-162			ND		0.0237	0.00119	
6	PCB-164			ND		0.0237	0.00147	
6	PCB-165			ND		0.0237	0.00077	
6	PCB-167			ND		0.0237	0.00171	
6	PCB-169			ND		0.0237	0.00106	
7	PCB-170			ND		0.0237	0.00152	
7	PCB-171/173			ND		0.0474	0.00196	
7	PCB-172			ND		0.0237	0.00473	
7	PCB-174			ND		0.0237	0.00171	
7	PCB-175			ND		0.0237	0.00113	
7	PCB-176			ND		0.0237	0.00094	
7	PCB-177			ND		0.0237	0.00194	
7	PCB-178			ND		0.0237	0.00125	
7	PCB-179			ND		0.0237	0.00147	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10715851002
Lab File ID: P241216A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 15:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 08:18
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND		0.0474	0.00432	
7	PCB-181			ND		0.0237	0.00157	
7	PCB-182			ND		0.0237	0.00129	
7	PCB-183/185			ND		0.0474	0.00287	
7	PCB-184			ND		0.0237	0.00066	
7	PCB-186			ND		0.0237	0.00155	
7	PCB-187			ND		0.0237	0.00176	
7	PCB-188			ND		0.0237	0.00075	
7	PCB-189			ND		0.0237	0.00119	
7	PCB-190			ND		0.0237	0.00165	
7	PCB-191			ND		0.0237	0.00152	
7	PCB-192			ND		0.0237	0.00153	
8	PCB-194			ND		0.0237	0.00122	
8	PCB-195			ND		0.0237	0.00157	
8	PCB-196			ND		0.0237	0.00117	
8	PCB-197/200			ND		0.0474	0.00198	
8	PCB-198/199			ND		0.0474	0.00205	
8	PCB-201			ND		0.0237	0.00060	
8	PCB-202			ND		0.0237	0.00127	
8	PCB-203			ND		0.0237	0.00107	
8	PCB-204			ND		0.0237	0.00122	
8	PCB-205			ND		0.0237	0.00147	
9	PCB-206			ND		0.0237	0.00210	
9	PCB-207			ND		0.0237	0.00141	
9	PCB-208			ND		0.0237	0.00126	
10	PCB-209			ND		0.0237	0.00742	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10715851002
Lab File ID: P241216A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 15:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 08:18
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1690mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0340	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	ND	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	0.0340	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10715851003
Lab File ID: P241216A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 16:45
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 09:19
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115915

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.60	3.11	2.00	1.10	55	
1	PCB-003L	12.34	3.17	2.00	1.29	65	
2	PCB-004L	12.63	1.58	2.00	1.19	60	
2	PCB-015L	19.63	1.62	2.00	1.61	80	
3	PCB-019L	16.37	1.05	2.00	1.27	63	
3	PCB-037L	27.35	1.06	2.00	1.89	95	
4	PCB-054L	19.93	0.76	2.00	1.21	60	
4	PCB-077L	35.07	0.81	2.00	1.86	93	
4	PCB-081L	34.48	0.81	2.00	1.90	95	
5	PCB-104L	26.01	1.53	2.00	1.44	72	
5	PCB-105L	38.66	1.63	2.00	1.88	94	
5	PCB-114L	38.01	1.58	2.00	1.94	97	
5	PCB-118L	37.46	1.60	2.00	1.88	94	
5	PCB-123L	37.10	1.61	2.00	1.89	94	
5	PCB-126L	41.85	1.61	2.00	1.98	99	
6	PCB-155L	32.05	1.27	2.00	1.66	83	
6	PCB-156/157L	44.91	1.27	4.00	3.86	96	
6	PCB-167L	43.73	1.31	2.00	1.99	99	
6	PCB-169L	48.23	1.27	2.00	1.92	96	
7	PCB-188L	37.96	1.04	2.00	1.84	92	
7	PCB-189L	50.77	1.03	2.00	0.905	45	
8	PCB-202L	43.45	0.90	2.00	1.78	89	
8	PCB-205L	53.40	0.91	2.00	1.54	77	
9	PCB-206L	55.10	0.78	2.00	1.45	73	
9	PCB-208L	50.23	0.80	2.00	1.66	83	
10	PCB-209L	56.67	0.70	2.00	1.33	66	
Recovery Standards							
2	PCB-009L	15.04	1.61	2.00	2.08	N/A	
4	PCB-052L	24.99	0.78	2.00	2.26	N/A	
5	PCB-101L	32.28	1.58	2.00	2.25	N/A	
6	PCB-138L	40.64	1.27	2.00	2.22	N/A	
8	PCB-194L	52.90	0.92	2.00	2.09	N/A	
Cleanup Standards							
3	PCB-028L	23.01	1.07	2.00	1.67	83	
5	PCB-111L	35.08	1.55	2.00	1.52	76	
7	PCB-178L	41.08	1.06	2.00	1.80	90	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10715851003
Lab File ID: P241216A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 16:45
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 09:19
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0217	0.00386	
1	PCB-002			ND		0.0217	0.00392	
1	PCB-003			ND		0.0217	0.00730	
2	PCB-004			ND		0.0217	0.00491	
2	PCB-005			ND		0.0217	0.00525	
2	PCB-006			ND		0.0217	0.00266	
2	PCB-007			ND		0.0217	0.00254	
2	PCB-008			ND		0.0217	0.00519	
2	PCB-009			ND		0.0217	0.00103	
2	PCB-010			ND		0.0217	0.00117	
2	PCB-011			ND		0.213	0.0566	
2	PCB-012/013			ND		0.0435	0.00285	
2	PCB-014			ND		0.0217	0.00099	
2	PCB-015			ND		0.0287	0.00561	
3	PCB-016			ND		0.0217	0.00316	
3	PCB-017			ND		0.0217	0.00352	
3	PCB-018/030			ND		0.0435	0.00576	
3	PCB-019			ND		0.0217	0.00295	
3	PCB-020/028			ND		0.112	0.00653	
3	PCB-021/033			ND		0.117	0.00539	
3	PCB-022			ND		0.0826	0.00355	
3	PCB-023			ND		0.0217	0.00108	
3	PCB-024			ND		0.0217	0.00121	
3	PCB-025			ND		0.0217	0.00140	
3	PCB-026/029			ND		0.0435	0.00226	
3	PCB-027			ND		0.0217	0.00097	
3	PCB-031			ND		0.113	0.00790	
3	PCB-032			ND		0.0217	0.00264	
3	PCB-034			ND		0.0217	0.00106	
3	PCB-035			ND		0.0217	0.00107	
3	PCB-036			ND		0.0217	0.00101	
3	PCB-037			ND		0.0461	0.00263	
3	PCB-038			ND		0.0217	0.00107	
3	PCB-039			ND		0.0217	0.00137	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10715851003
Lab File ID: P241216A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 16:45
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 09:19
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0652	0.00446	
4	PCB-042			ND		0.0217	0.00237	
4	PCB-043/073			ND		0.0435	0.00214	
4	PCB-044/047/065			ND		0.0652	0.00631	
4	PCB-045/051			ND		0.0435	0.00326	
4	PCB-046			ND		0.0217	0.00147	
4	PCB-048			ND		0.0217	0.00173	
4	PCB-069/049			ND		0.0435	0.00366	
4	PCB-050/053			ND		0.0435	0.00187	
4	PCB-052			ND		0.112	0.0131	
4	PCB-054			ND		0.0217	0.00099	
4	PCB-055			ND		0.0217	0.00148	
4	PCB-056			ND		0.0217	0.00332	
4	PCB-057			ND		0.0217	0.00099	
4	PCB-058			ND		0.0217	0.00127	
4	PCB-059/062/075			ND		0.0652	0.00224	
4	PCB-060			ND		0.0217	0.00182	
4	PCB-061/070/074/076			ND		0.0869	0.00784	
4	PCB-063			ND		0.0217	0.00085	
4	PCB-064			ND		0.0217	0.00214	
4	PCB-066			ND		0.0513	0.00408	
4	PCB-067			ND		0.0217	0.00119	
4	PCB-068			ND		0.0217	0.00109	
4	PCB-072			ND		0.0217	0.00076	
4	PCB-077			ND		0.0217	0.00131	
4	PCB-078			ND		0.0217	0.00111	
4	PCB-079			ND		0.0217	0.00076	
4	PCB-080			ND		0.0217	0.00107	
4	PCB-081			ND		0.0217	0.00072	
5	PCB-082			ND		0.0217	0.00131	
5	PCB-083			ND		0.0217	0.00113	
5	PCB-084			ND		0.0217	0.00227	
5	PCB-085/116/117			ND		0.0652	0.00301	
5	PCB-086/087/097/108/119/12			ND		0.130	0.00575	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10715851003
Lab File ID: P241216A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 16:45
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 09:19
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0435	0.00175	
5	PCB-089			ND		0.0217	0.00124	
5	PCB-090/101/113			ND		0.0652	0.00444	
5	PCB-092			ND		0.0217	0.00094	
5	PCB-093/098/100/102			ND		0.0869	0.00401	
5	PCB-094			ND		0.0217	0.00080	
5	PCB-095			ND		0.0608	0.00609	
5	PCB-096			ND		0.0217	0.00082	
5	PCB-099			ND		0.0217	0.00182	
5	PCB-103			ND		0.0217	0.00067	
5	PCB-104			ND		0.0217	0.00125	
5	PCB-105			ND		0.0217	0.00279	
5	PCB-106			ND		0.0217	0.00110	
5	PCB-107/124			ND		0.0435	0.00196	
5	PCB-109			ND		0.0217	0.00138	
5	PCB-110/115			ND		0.0435	0.00495	
5	PCB-111			ND		0.0217	0.00085	
5	PCB-112			ND		0.0217	0.00135	
5	PCB-114			ND		0.0217	0.00111	
5	PCB-118			ND		0.0339	0.00504	
5	PCB-120			ND		0.0217	0.00083	
5	PCB-121			ND		0.0217	0.00115	
5	PCB-122			ND		0.0217	0.00119	
5	PCB-123			ND		0.0217	0.00129	
5	PCB-126			ND		0.0217	0.00069	
5	PCB-127			ND		0.0217	0.00110	
6	PCB-128/166			ND		0.0435	0.00235	
6	PCB-129/138/163			ND		0.0652	0.00489	
6	PCB-130			ND		0.0217	0.00119	
6	PCB-131			ND		0.0217	0.00143	
6	PCB-132			ND		0.0217	0.00162	
6	PCB-133			ND		0.0217	0.00102	
6	PCB-134/143			ND		0.0435	0.00267	
6	PCB-135/151			ND		0.0435	0.00292	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10715851003
Lab File ID: P241216A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 16:45
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 09:19
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.0217	0.00149	
6	PCB-137			ND		0.0217	0.00159	
6	PCB-139/140			ND		0.0435	0.00204	
6	PCB-141			ND		0.0217	0.00192	
6	PCB-142			ND		0.0217	0.00134	
6	PCB-144			ND		0.0217	0.00087	
6	PCB-145			ND		0.0217	0.00099	
6	PCB-146			ND		0.0217	0.00123	
6	PCB-147/149	36.27	1.19	0.0622	U	0.0435	0.00373	
6	PCB-148			ND		0.0217	0.00101	
6	PCB-150			ND		0.0217	0.00103	
6	PCB-152			ND		0.0217	0.00082	
6	PCB-153/168	39.40	1.24	0.0641	U	0.0435	0.00292	
6	PCB-154			ND		0.0217	0.00128	
6	PCB-155			ND		0.0217	0.00113	
6	PCB-156/157			ND		0.0435	0.00161	
6	PCB-158			ND		0.0217	0.00119	
6	PCB-159			ND		0.0217	0.00108	
6	PCB-160			ND		0.0217	0.00123	
6	PCB-161			ND		0.0217	0.00060	
6	PCB-162			ND		0.0217	0.00109	
6	PCB-164			ND		0.0217	0.00135	
6	PCB-165			ND		0.0217	0.00070	
6	PCB-167			ND		0.0217	0.00156	
6	PCB-169			ND		0.0217	0.00097	
7	PCB-170			ND		0.0217	0.00139	
7	PCB-171/173			ND		0.0435	0.00179	
7	PCB-172			ND		0.0217	0.00433	
7	PCB-174			ND		0.0217	0.00156	
7	PCB-175			ND		0.0217	0.00103	
7	PCB-176			ND		0.0217	0.00086	
7	PCB-177			ND		0.0217	0.00178	
7	PCB-178			ND		0.0217	0.00114	
7	PCB-179			ND		0.0217	0.00135	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10715851003
Lab File ID: P241216A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 16:45
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 09:19
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND		0.0435	0.00395	
7	PCB-181			ND		0.0217	0.00143	
7	PCB-182			ND		0.0217	0.00118	
7	PCB-183/185			ND		0.0435	0.00263	
7	PCB-184			ND		0.0217	0.00061	
7	PCB-186			ND		0.0217	0.00142	
7	PCB-187	42.05	1.06	0.0443	U	0.0217	0.00161	
7	PCB-188			ND		0.0217	0.00068	
7	PCB-189			ND		0.0217	0.00109	
7	PCB-190			ND		0.0217	0.00151	
7	PCB-191			ND		0.0217	0.00139	
7	PCB-192			ND		0.0217	0.00140	
8	PCB-194			ND		0.0217	0.00112	
8	PCB-195			ND		0.0217	0.00143	
8	PCB-196			ND		0.0217	0.00107	
8	PCB-197/200			ND		0.0435	0.00181	
8	PCB-198/199			ND		0.0435	0.00188	
8	PCB-201			ND		0.0217	0.00055	
8	PCB-202			ND		0.0217	0.00116	
8	PCB-203			ND		0.0217	0.00097	
8	PCB-204			ND		0.0217	0.00112	
8	PCB-205			ND		0.0217	0.00135	
9	PCB-206			ND		0.0217	0.00192	
9	PCB-207			ND		0.0217	0.00129	
9	PCB-208			ND		0.0217	0.00115	
10	PCB-209			ND		0.0217	0.00680	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10715851003
Lab File ID: P241216A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 11/11/2024 16:45
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 09:19
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1840mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	ND	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	0.126	
Total HpCB	0.0443	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	0.171	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10715851004
Lab File ID: P241216A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 11/12/2024 13:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 10:20
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115915

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.65	3.03	2.00	0.945	47	
1	PCB-003L	12.37	3.26	2.00	1.17	58	
2	PCB-004L	12.66	1.54	2.00	1.18	59	
2	PCB-015L	19.64	1.59	2.00	1.42	71	
3	PCB-019L	16.40	1.04	2.00	1.23	62	
3	PCB-037L	27.37	1.08	2.00	1.77	89	
4	PCB-054L	19.94	0.78	2.00	1.11	55	
4	PCB-077L	35.08	0.81	2.00	1.81	91	
4	PCB-081L	34.49	0.82	2.00	1.83	92	
5	PCB-104L	26.01	1.58	2.00	1.44	72	
5	PCB-105L	38.68	1.60	2.00	1.80	90	
5	PCB-114L	38.02	1.59	2.00	1.87	94	
5	PCB-118L	37.47	1.62	2.00	1.82	91	
5	PCB-123L	37.12	1.58	2.00	1.83	91	
5	PCB-126L	41.86	1.59	2.00	1.91	96	
6	PCB-155L	32.06	1.29	2.00	1.67	84	
6	PCB-156/157L	44.92	1.29	4.00	3.77	94	
6	PCB-167L	43.75	1.28	2.00	1.97	98	
6	PCB-169L	48.24	1.24	2.00	1.87	93	
7	PCB-188L	37.97	1.04	2.00	1.93	97	
7	PCB-189L	50.78	1.04	2.00	0.823	41	
8	PCB-202L	43.46	0.89	2.00	1.88	94	
8	PCB-205L	53.46	0.89	2.00	1.59	79	
9	PCB-206L	55.14	0.79	2.00	1.49	74	
9	PCB-208L	50.25	0.78	2.00	1.67	84	
10	PCB-209L	56.71	0.72	2.00	1.35	68	
Recovery Standards							
2	PCB-009L	15.07	1.63	2.00	1.84	N/A	
4	PCB-052L	25.00	0.77	2.00	2.17	N/A	
5	PCB-101L	32.29	1.58	2.00	2.18	N/A	
6	PCB-138L	40.66	1.25	2.00	2.14	N/A	
8	PCB-194L	52.96	0.91	2.00	1.92	N/A	
Cleanup Standards							
3	PCB-028L	23.02	1.06	2.00	1.54	77	
5	PCB-111L	35.09	1.57	2.00	1.59	80	
7	PCB-178L	41.09	1.04	2.00	1.87	93	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10715851004
Lab File ID: P241216A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 11/12/2024 13:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 10:20
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0234	0.00415	
1	PCB-002			ND		0.0234	0.00422	
1	PCB-003			ND		0.0234	0.00786	
2	PCB-004	12.68	1.49	0.0445		0.0234	0.00528	
2	PCB-005			ND		0.0234	0.00565	
2	PCB-006			ND		0.0234	0.00286	
2	PCB-007			ND		0.0234	0.00274	
2	PCB-008			ND		0.0234	0.00559	
2	PCB-009			ND		0.0234	0.00110	
2	PCB-010			ND		0.0234	0.00126	
2	PCB-011			ND		0.229	0.0609	
2	PCB-012/013			ND		0.0468	0.00306	
2	PCB-014			ND		0.0234	0.00107	
2	PCB-015			ND		0.0309	0.00603	
3	PCB-016			ND		0.0234	0.00340	
3	PCB-017			ND		0.0234	0.00379	
3	PCB-018/030			ND		0.0468	0.00620	
3	PCB-019			ND		0.0234	0.00318	
3	PCB-020/028			ND		0.121	0.00703	
3	PCB-021/033			ND		0.126	0.00580	
3	PCB-022			ND		0.0888	0.00382	
3	PCB-023			ND		0.0234	0.00116	
3	PCB-024			ND		0.0234	0.00130	
3	PCB-025			ND		0.0234	0.00151	
3	PCB-026/029			ND		0.0468	0.00243	
3	PCB-027			ND		0.0234	0.00104	
3	PCB-031			ND		0.122	0.00850	
3	PCB-032			ND		0.0234	0.00284	
3	PCB-034			ND		0.0234	0.00114	
3	PCB-035			ND		0.0234	0.00116	
3	PCB-036			ND		0.0234	0.00109	
3	PCB-037			ND		0.0496	0.00283	
3	PCB-038			ND		0.0234	0.00115	
3	PCB-039			ND		0.0234	0.00147	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10715851004
Lab File ID: P241216A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 11/12/2024 13:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 10:20
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0701	0.00480	
4	PCB-042			ND		0.0234	0.00255	
4	PCB-043/073			ND		0.0468	0.00230	
4	PCB-044/047/065			ND		0.0701	0.00679	
4	PCB-045/051			ND		0.0468	0.00351	
4	PCB-046			ND		0.0234	0.00158	
4	PCB-048			ND		0.0234	0.00186	
4	PCB-069/049			ND		0.0468	0.00394	
4	PCB-050/053			ND		0.0468	0.00201	
4	PCB-052			ND		0.121	0.0141	
4	PCB-054			ND		0.0234	0.00107	
4	PCB-055			ND		0.0234	0.00159	
4	PCB-056			ND		0.0234	0.00358	
4	PCB-057			ND		0.0234	0.00107	
4	PCB-058			ND		0.0234	0.00137	
4	PCB-059/062/075			ND		0.0701	0.00241	
4	PCB-060			ND		0.0234	0.00196	
4	PCB-061/070/074/076			ND		0.0935	0.00844	
4	PCB-063			ND		0.0234	0.00091	
4	PCB-064			ND		0.0234	0.00230	
4	PCB-066			ND		0.0552	0.00440	
4	PCB-067			ND		0.0234	0.00129	
4	PCB-068			ND		0.0234	0.00117	
4	PCB-072			ND		0.0234	0.00082	
4	PCB-077			ND		0.0234	0.00141	
4	PCB-078			ND		0.0234	0.00119	
4	PCB-079			ND		0.0234	0.00082	
4	PCB-080			ND		0.0234	0.00115	
4	PCB-081			ND		0.0234	0.00078	
5	PCB-082			ND		0.0234	0.00141	
5	PCB-083			ND		0.0234	0.00122	
5	PCB-084	30.34	1.53	0.0254	U	0.0234	0.00244	
5	PCB-085/116/117			ND		0.0701	0.00324	
5	PCB-086/087/097/108/119/12			ND		0.140	0.00618	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10715851004
Lab File ID: P241216A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 11/12/2024 13:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 10:20
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0468	0.00188	
5	PCB-089			ND		0.0234	0.00133	
5	PCB-090/101/113	32.32	1.54	0.231	U	0.0701	0.00478	
5	PCB-092	31.71	1.58	0.0350		0.0234	0.00101	
5	PCB-093/098/100/102			ND		0.0935	0.00431	
5	PCB-094			ND		0.0234	0.00087	
5	PCB-095	29.20	1.56	0.110	U	0.0655	0.00656	
5	PCB-096			ND		0.0234	0.00088	
5	PCB-099	32.93	1.51	0.0556	U	0.0234	0.00196	
5	PCB-103			ND		0.0234	0.00072	
5	PCB-104			ND		0.0234	0.00134	
5	PCB-105	38.71	1.56	0.0889	U	0.0234	0.00300	
5	PCB-106			ND		0.0234	0.00118	
5	PCB-107/124			ND		0.0468	0.00210	
5	PCB-109			ND		0.0234	0.00148	
5	PCB-110/115	34.37	1.53	0.273	U	0.0468	0.00533	
5	PCB-111			ND		0.0234	0.00092	
5	PCB-112			ND		0.0234	0.00145	
5	PCB-114			ND		0.0234	0.00119	
5	PCB-118	37.49	1.60	0.217	U	0.0365	0.00542	
5	PCB-120			ND		0.0234	0.00089	
5	PCB-121			ND		0.0234	0.00124	
5	PCB-122			ND		0.0234	0.00129	
5	PCB-123			ND		0.0234	0.00139	
5	PCB-126			ND		0.0234	0.00074	
5	PCB-127			ND		0.0234	0.00118	
6	PCB-128/166	41.96	1.29	0.0695		0.0468	0.00252	
6	PCB-129/138/163	40.69	1.26	1.43		0.0701	0.00526	
6	PCB-130	40.02	1.27	0.0470		0.0234	0.00129	
6	PCB-131			ND		0.0234	0.00154	
6	PCB-132	37.57	1.28	0.342		0.0234	0.00174	
6	PCB-133			ND		0.0234	0.00110	
6	PCB-134/143			ND		0.0468	0.00288	
6	PCB-135/151	35.33	1.21	0.454		0.0468	0.00314	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10715851004
Lab File ID: P241216A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 11/12/2024 13:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 10:20
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	32.80	1.26	0.0835		0.0234	0.00160	
6	PCB-137			ND		0.0234	0.00171	
6	PCB-139/140			ND		0.0468	0.00220	
6	PCB-141	39.60	1.26	0.379		0.0234	0.00207	
6	PCB-142			ND		0.0234	0.00144	
6	PCB-144	35.91	1.17	0.0686		0.0234	0.00094	
6	PCB-145			ND		0.0234	0.00107	
6	PCB-146	38.78	1.28	0.167		0.0234	0.00132	
6	PCB-147/149	36.28	1.25	1.01		0.0468	0.00401	
6	PCB-148			ND		0.0234	0.00109	
6	PCB-150			ND		0.0234	0.00111	
6	PCB-152			ND		0.0234	0.00089	
6	PCB-153/168	39.42	1.25	1.39		0.0468	0.00314	
6	PCB-154			ND		0.0234	0.00138	
6	PCB-155			ND		0.0234	0.00122	
6	PCB-156/157	44.92	1.31	0.108		0.0468	0.00173	
6	PCB-158	41.09	1.23	0.121		0.0234	0.00129	
6	PCB-159			ND		0.0234	0.00116	
6	PCB-160			ND		0.0234	0.00132	
6	PCB-161			ND		0.0234	0.00065	
6	PCB-162			ND		0.0234	0.00117	
6	PCB-164	40.35	1.25	0.101		0.0234	0.00145	
6	PCB-165			ND		0.0234	0.00076	
6	PCB-167	43.76	1.35	0.0372		0.0234	0.00168	
6	PCB-169			ND		0.0234	0.00105	
7	PCB-170	47.62	1.07	0.832		0.0234	0.00150	
7	PCB-171/173	44.01	1.09	0.263		0.0468	0.00193	
7	PCB-172	45.67	1.04	0.164		0.0234	0.00466	
7	PCB-174	42.91	1.07	1.06		0.0234	0.00168	
7	PCB-175	41.78	1.03	0.0427		0.0234	0.00111	
7	PCB-176	39.25	1.04	0.121		0.0234	0.00092	
7	PCB-177	43.36	1.05	0.564		0.0234	0.00192	
7	PCB-178	41.13	1.03	0.217		0.0234	0.00123	
7	PCB-179	38.33	1.04	0.366		0.0234	0.00145	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10715851004
Lab File ID: P241216A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 11/12/2024 13:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 10:20
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.33	1.05	2.16		0.0468	0.00425	
7	PCB-181			ND		0.0234	0.00154	
7	PCB-182			ND		0.0234	0.00127	
7	PCB-183/185	42.69	1.04	0.702		0.0468	0.00283	
7	PCB-184			ND		0.0234	0.00065	
7	PCB-186			ND		0.0234	0.00153	
7	PCB-187	42.06	1.03	1.11		0.0234	0.00173	
7	PCB-188			ND		0.0234	0.00074	
7	PCB-189			ND		0.0234	0.00117	
7	PCB-190	48.16	1.06	0.197		0.0234	0.00162	
7	PCB-191	46.70	0.94	0.0403		0.0234	0.00150	
7	PCB-192			ND		0.0234	0.00151	
8	PCB-194	52.98	0.91	0.401		0.0234	0.00120	
8	PCB-195	50.53	0.94	0.131		0.0234	0.00154	
8	PCB-196	48.98	0.94	0.234		0.0234	0.00115	
8	PCB-197/200	45.44	0.88	0.0797		0.0468	0.00195	
8	PCB-198/199	48.31	0.89	0.424		0.0468	0.00202	
8	PCB-201	44.43	0.93	0.0610		0.0234	0.00059	
8	PCB-202	43.48	0.91	0.0773		0.0234	0.00125	
8	PCB-203	49.18	0.89	0.280		0.0234	0.00105	
8	PCB-204			ND		0.0234	0.00120	
8	PCB-205	53.48	0.84	0.0274		0.0234	0.00145	
9	PCB-206	55.16	0.79	0.109		0.0234	0.00207	
9	PCB-207			ND		0.0234	0.00139	
9	PCB-208			ND		0.0234	0.00124	
10	PCB-209			ND		0.0234	0.00732	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10715851004
Lab File ID: P241216A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 11/12/2024 13:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 10:20
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0445	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	1.04	
Total HxCB	5.81	
Total HpCB	7.85	
Total OcCB	1.72	
Total NoCB	0.109	
DeCB	ND	
Total PCBs	16.6	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10715851005
Lab File ID: P241216A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 11/12/2024 15:30
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 11:21
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115915

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1970mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.58	3.17	2.00	0.973	49	
1	PCB-003L	12.33	3.33	2.00	1.20	60	
2	PCB-004L	12.61	1.53	2.00	1.13	56	
2	PCB-015L	19.63	1.60	2.00	1.48	74	
3	PCB-019L	16.37	1.03	2.00	1.23	62	
3	PCB-037L	27.37	1.07	2.00	1.74	87	
4	PCB-054L	19.93	0.77	2.00	1.15	58	
4	PCB-077L	35.08	0.80	2.00	1.79	89	
4	PCB-081L	34.49	0.80	2.00	1.82	91	
5	PCB-104L	26.01	1.57	2.00	1.44	72	
5	PCB-105L	38.68	1.58	2.00	1.75	88	
5	PCB-114L	38.02	1.61	2.00	1.81	91	
5	PCB-118L	37.47	1.60	2.00	1.78	89	
5	PCB-123L	37.12	1.60	2.00	1.78	89	
5	PCB-126L	41.86	1.57	2.00	1.83	92	
6	PCB-155L	32.05	1.25	2.00	1.69	84	
6	PCB-156/157L	44.92	1.28	4.00	3.71	93	
6	PCB-167L	43.74	1.27	2.00	1.89	95	
6	PCB-169L	48.26	1.24	2.00	1.78	89	
7	PCB-188L	37.97	1.04	2.00	2.00	100	
7	PCB-189L	50.82	1.05	2.00	0.749	37	
8	PCB-202L	43.46	0.91	2.00	1.91	96	
8	PCB-205L	53.75	0.89	2.00	1.55	77	
9	PCB-206L	55.30	0.78	2.00	1.49	75	
9	PCB-208L	50.24	0.79	2.00	1.77	89	
10	PCB-209L	56.81	0.70	2.00	1.37	69	
Recovery Standards							
2	PCB-009L	15.04	1.61	2.00	2.03	N/A	
4	PCB-052L	24.99	0.77	2.00	2.31	N/A	
5	PCB-101L	32.29	1.57	2.00	2.31	N/A	
6	PCB-138L	40.65	1.26	2.00	2.24	N/A	
8	PCB-194L	53.28	0.92	2.00	1.92	N/A	
Cleanup Standards							
3	PCB-028L	23.01	1.07	2.00	1.51	76	
5	PCB-111L	35.09	1.56	2.00	1.50	75	
7	PCB-178L	41.09	1.06	2.00	1.79	89	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10715851005
Lab File ID: P241216A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 11/12/2024 15:30
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 11:21
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1970mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0203	0.00360	
1	PCB-002			ND		0.0203	0.00366	
1	PCB-003			ND		0.0203	0.00681	
2	PCB-004	12.63	1.48	0.0297		0.0203	0.00458	
2	PCB-005			ND		0.0203	0.00490	
2	PCB-006			ND		0.0203	0.00248	
2	PCB-007			ND		0.0203	0.00237	
2	PCB-008			ND		0.0203	0.00485	
2	PCB-009			ND		0.0203	0.00095	
2	PCB-010			ND		0.0203	0.00110	
2	PCB-011			ND		0.199	0.0528	
2	PCB-012/013			ND		0.0406	0.00266	
2	PCB-014			ND		0.0203	0.00092	
2	PCB-015			ND		0.0268	0.00523	
3	PCB-016			ND		0.0203	0.00295	
3	PCB-017			ND		0.0203	0.00329	
3	PCB-018/030			ND		0.0406	0.00537	
3	PCB-019			ND		0.0203	0.00276	
3	PCB-020/028			ND		0.105	0.00609	
3	PCB-021/033			ND		0.110	0.00503	
3	PCB-022			ND		0.0771	0.00332	
3	PCB-023			ND		0.0203	0.00101	
3	PCB-024			ND		0.0203	0.00113	
3	PCB-025			ND		0.0203	0.00131	
3	PCB-026/029			ND		0.0406	0.00211	
3	PCB-027			ND		0.0203	0.00090	
3	PCB-031			ND		0.105	0.00737	
3	PCB-032			ND		0.0203	0.00246	
3	PCB-034			ND		0.0203	0.00098	
3	PCB-035			ND		0.0203	0.00100	
3	PCB-036			ND		0.0203	0.00094	
3	PCB-037			ND		0.0430	0.00245	
3	PCB-038			ND		0.0203	0.00099	
3	PCB-039			ND		0.0203	0.00128	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10715851005
Lab File ID: P241216A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 11/12/2024 15:30
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 11:21
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1970mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0608	0.00417	
4	PCB-042			ND		0.0203	0.00221	
4	PCB-043/073			ND		0.0406	0.00200	
4	PCB-044/047/065			ND		0.0608	0.00589	
4	PCB-045/051			ND		0.0406	0.00304	
4	PCB-046			ND		0.0203	0.00137	
4	PCB-048			ND		0.0203	0.00161	
4	PCB-069/049			ND		0.0406	0.00342	
4	PCB-050/053			ND		0.0406	0.00174	
4	PCB-052			ND		0.105	0.0123	
4	PCB-054			ND		0.0203	0.00092	
4	PCB-055			ND		0.0203	0.00138	
4	PCB-056			ND		0.0203	0.00310	
4	PCB-057			ND		0.0203	0.00092	
4	PCB-058			ND		0.0203	0.00119	
4	PCB-059/062/075			ND		0.0608	0.00209	
4	PCB-060			ND		0.0203	0.00170	
4	PCB-061/070/074/076			ND		0.0811	0.00732	
4	PCB-063			ND		0.0203	0.00079	
4	PCB-064			ND		0.0203	0.00200	
4	PCB-066			ND		0.0479	0.00381	
4	PCB-067			ND		0.0203	0.00112	
4	PCB-068			ND		0.0203	0.00101	
4	PCB-072			ND		0.0203	0.00071	
4	PCB-077			ND		0.0203	0.00123	
4	PCB-078			ND		0.0203	0.00103	
4	PCB-079			ND		0.0203	0.00071	
4	PCB-080			ND		0.0203	0.00100	
4	PCB-081			ND		0.0203	0.00067	
5	PCB-082			ND		0.0203	0.00123	
5	PCB-083			ND		0.0203	0.00105	
5	PCB-084	30.35	1.66	0.0205	U	0.0203	0.00212	
5	PCB-085/116/117			ND		0.0608	0.00281	
5	PCB-086/087/097/108/119/12			ND		0.122	0.00536	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10715851005
Lab File ID: P241216A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 11/12/2024 15:30
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 11:21
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1970mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0406	0.00163	
5	PCB-089			ND		0.0203	0.00116	
5	PCB-090/101/113	32.31	1.53	0.192	U	0.0608	0.00415	
5	PCB-092	31.69	1.50	0.0314		0.0203	0.00088	
5	PCB-093/098/100/102			ND		0.0811	0.00374	
5	PCB-094			ND		0.0203	0.00075	
5	PCB-095	29.20	1.54	0.111	U	0.0568	0.00569	
5	PCB-096			ND		0.0203	0.00076	
5	PCB-099	32.93	1.48	0.0430	U	0.0203	0.00170	
5	PCB-103			ND		0.0203	0.00062	
5	PCB-104			ND		0.0203	0.00117	
5	PCB-105	38.71	1.55	0.0343	U	0.0203	0.00261	
5	PCB-106			ND		0.0203	0.00102	
5	PCB-107/124			ND		0.0406	0.00183	
5	PCB-109			ND		0.0203	0.00129	
5	PCB-110/115	34.37	1.52	0.163	U	0.0406	0.00462	
5	PCB-111			ND		0.0203	0.00080	
5	PCB-112			ND		0.0203	0.00126	
5	PCB-114			ND		0.0203	0.00103	
5	PCB-118	37.49	1.55	0.0906	U	0.0316	0.00471	
5	PCB-120			ND		0.0203	0.00077	
5	PCB-121			ND		0.0203	0.00107	
5	PCB-122			ND		0.0203	0.00112	
5	PCB-123			ND		0.0203	0.00121	
5	PCB-126			ND		0.0203	0.00064	
5	PCB-127			ND		0.0203	0.00102	
6	PCB-128/166			ND		0.0406	0.00219	
6	PCB-129/138/163	40.69	1.26	0.646	U	0.0608	0.00456	
6	PCB-130	40.02	1.30	0.0239		0.0203	0.00112	
6	PCB-131			ND		0.0203	0.00134	
6	PCB-132	37.57	1.25	0.182	U	0.0203	0.00151	
6	PCB-133			ND		0.0203	0.00095	
6	PCB-134/143			ND		0.0406	0.00249	
6	PCB-135/151	35.33	1.27	0.317		0.0406	0.00273	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10715851005
Lab File ID: P241216A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 11/12/2024 15:30
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 11:21
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1970mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	32.81	1.27	0.0805		0.0203	0.00139	
6	PCB-137			ND		0.0203	0.00148	
6	PCB-139/140			ND		0.0406	0.00191	
6	PCB-141	39.60	1.18	0.183	U	0.0203	0.00179	
6	PCB-142			ND		0.0203	0.00125	
6	PCB-144	35.90	1.20	0.0447		0.0203	0.00081	
6	PCB-145			ND		0.0203	0.00092	
6	PCB-146	38.78	1.24	0.0897		0.0203	0.00115	
6	PCB-147/149	36.28	1.27	0.606	U	0.0406	0.00348	
6	PCB-148			ND		0.0203	0.00094	
6	PCB-150			ND		0.0203	0.00096	
6	PCB-152			ND		0.0203	0.00077	
6	PCB-153/168	39.41	1.25	0.668	U	0.0406	0.00273	
6	PCB-154			ND		0.0203	0.00120	
6	PCB-155			ND		0.0203	0.00105	
6	PCB-156/157	44.94	1.22	0.0428		0.0406	0.00150	
6	PCB-158	41.09	1.24	0.0540		0.0203	0.00112	
6	PCB-159			ND		0.0203	0.00100	
6	PCB-160			ND		0.0203	0.00115	
6	PCB-161			ND		0.0203	0.00056	
6	PCB-162			ND		0.0203	0.00101	
6	PCB-164	40.35	1.25	0.0494		0.0203	0.00126	
6	PCB-165			ND		0.0203	0.00065	
6	PCB-167			ND		0.0203	0.00146	
6	PCB-169			ND		0.0203	0.00091	
7	PCB-170	47.62	1.07	0.372	U	0.0203	0.00130	
7	PCB-171/173	44.01	1.06	0.121		0.0406	0.00167	
7	PCB-172	45.67	1.08	0.0748		0.0203	0.00405	
7	PCB-174	42.91	1.05	0.488	U	0.0203	0.00146	
7	PCB-175	41.78	0.97	0.0207		0.0203	0.00096	
7	PCB-176	39.25	1.02	0.0618		0.0203	0.00080	
7	PCB-177	43.36	1.04	0.261	U	0.0203	0.00166	
7	PCB-178	41.12	1.02	0.106	U	0.0203	0.00106	
7	PCB-179	38.32	1.04	0.203	U	0.0203	0.00126	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10715851005
Lab File ID: P241216A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 11/12/2024 15:30
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 11:21
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1970mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.33	1.06	0.942	U	0.0406	0.00369	
7	PCB-181			ND		0.0203	0.00134	
7	PCB-182			ND		0.0203	0.00111	
7	PCB-183/185	42.69	1.07	0.318	U	0.0406	0.00245	
7	PCB-184			ND		0.0203	0.00057	
7	PCB-186			ND		0.0203	0.00133	
7	PCB-187	42.06	1.05	0.531	U	0.0203	0.00150	
7	PCB-188			ND		0.0203	0.00064	
7	PCB-189			ND		0.0203	0.00101	
7	PCB-190	48.17	1.08	0.0868		0.0203	0.00141	
7	PCB-191			ND		0.0203	0.00130	
7	PCB-192			ND		0.0203	0.00131	
8	PCB-194	53.30	0.89	0.178	U	0.0203	0.00104	
8	PCB-195	50.52	0.92	0.0538		0.0203	0.00134	
8	PCB-196	48.98	0.88	0.104	U	0.0203	0.00100	
8	PCB-197/200			ND		0.0406	0.00169	
8	PCB-198/199	48.31	0.89	0.200		0.0406	0.00175	
8	PCB-201	44.43	0.87	0.0286		0.0203	0.00051	
8	PCB-202	43.48	0.89	0.0366		0.0203	0.00109	
8	PCB-203	49.19	0.87	0.123	U	0.0203	0.00091	
8	PCB-204			ND		0.0203	0.00104	
8	PCB-205			ND		0.0203	0.00126	
9	PCB-206	55.33	0.72	0.0480		0.0203	0.00179	
9	PCB-207			ND		0.0203	0.00121	
9	PCB-208			ND		0.0203	0.00107	
10	PCB-209			ND		0.0203	0.00635	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10715851005
Lab File ID: P241216A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 11/12/2024 15:30
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 11:21
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1970mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0297	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	0.685	
Total HxCB	2.99	
Total HpCB	3.59	
Total OcCB	0.724	
Total NoCB	0.0480	
DeCB	ND	
Total PCBs	8.06	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10715851006
Lab File ID: P241216A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 12:00
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 12:22
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115915

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.59	2.96	2.00	0.673	34	
1	PCB-003L	12.34	3.29	2.00	0.788	39	
2	PCB-004L	12.63	1.54	2.00	0.813	41	
2	PCB-015L	19.64	1.62	2.00	1.06	53	
3	PCB-019L	16.38	1.04	2.00	0.883	44	
3	PCB-037L	27.37	1.07	2.00	1.19	60	
4	PCB-054L	19.93	0.78	2.00	0.791	40	
4	PCB-077L	35.08	0.80	2.00	1.30	65	
4	PCB-081L	34.49	0.81	2.00	1.31	65	
5	PCB-104L	26.02	1.63	2.00	0.932	47	
5	PCB-105L	38.68	1.60	2.00	1.24	62	
5	PCB-114L	38.02	1.59	2.00	1.26	63	
5	PCB-118L	37.47	1.60	2.00	1.23	62	
5	PCB-123L	37.13	1.59	2.00	1.24	62	
5	PCB-126L	41.86	1.58	2.00	1.32	66	
6	PCB-155L	32.06	1.26	2.00	1.08	54	
6	PCB-156/157L	44.92	1.27	4.00	2.55	64	
6	PCB-167L	43.74	1.27	2.00	1.31	65	
6	PCB-169L	48.24	1.27	2.00	1.30	65	
7	PCB-188L	37.97	1.04	2.00	1.26	63	
7	PCB-189L	50.78	1.02	2.00	1.24	62	
8	PCB-202L	43.46	0.88	2.00	1.23	61	
8	PCB-205L	53.36	0.90	2.00	1.07	54	
9	PCB-206L	55.09	0.80	2.00	1.01	50	
9	PCB-208L	50.24	0.80	2.00	1.14	57	
10	PCB-209L	56.68	0.71	2.00	0.906	45	
Recovery Standards							
2	PCB-009L	15.05	1.63	2.00	2.61	N/A	
4	PCB-052L	25.00	0.77	2.00	3.12	N/A	
5	PCB-101L	32.29	1.57	2.00	3.30	N/A	
6	PCB-138L	40.65	1.25	2.00	3.33	N/A	
8	PCB-194L	52.87	0.92	2.00	3.01	N/A	
Cleanup Standards							
3	PCB-028L	23.02	1.06	2.00	1.08	54	
5	PCB-111L	35.11	1.56	2.00	1.08	54	
7	PCB-178L	41.09	1.07	2.00	1.20	60	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10715851006
Lab File ID: P241216A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 12:00
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 12:22
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0227	0.00403	
1	PCB-002			ND		0.0227	0.00409	
1	PCB-003			ND		0.0227	0.00762	
2	PCB-004	12.64	1.54	0.0929		0.0227	0.00512	
2	PCB-005			ND		0.0227	0.00548	
2	PCB-006			ND		0.0227	0.00278	
2	PCB-007			ND		0.0227	0.00265	
2	PCB-008			ND		0.0227	0.00542	
2	PCB-009			ND		0.0227	0.00107	
2	PCB-010			ND		0.0227	0.00122	
2	PCB-011			ND		0.222	0.0591	
2	PCB-012/013			ND		0.0454	0.00297	
2	PCB-014			ND		0.0227	0.00104	
2	PCB-015			ND		0.0299	0.00585	
3	PCB-016			ND		0.0227	0.00330	
3	PCB-017			ND		0.0227	0.00367	
3	PCB-018/030			ND		0.0454	0.00601	
3	PCB-019	16.40	1.06	0.0447		0.0227	0.00308	
3	PCB-020/028			ND		0.117	0.00681	
3	PCB-021/033			ND		0.122	0.00562	
3	PCB-022			ND		0.0862	0.00371	
3	PCB-023			ND		0.0227	0.00113	
3	PCB-024			ND		0.0227	0.00126	
3	PCB-025			ND		0.0227	0.00146	
3	PCB-026/029			ND		0.0454	0.00236	
3	PCB-027			ND		0.0227	0.00101	
3	PCB-031			ND		0.118	0.00824	
3	PCB-032			ND		0.0227	0.00276	
3	PCB-034			ND		0.0227	0.00110	
3	PCB-035			ND		0.0227	0.00112	
3	PCB-036			ND		0.0227	0.00106	
3	PCB-037			ND		0.0481	0.00274	
3	PCB-038			ND		0.0227	0.00111	
3	PCB-039			ND		0.0227	0.00143	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10715851006
Lab File ID: P241216A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 12:00
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 12:22
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0680	0.00466	
4	PCB-042			ND		0.0227	0.00247	
4	PCB-043/073			ND		0.0454	0.00223	
4	PCB-044/047/065	26.15	0.79	0.118		0.0680	0.00659	
4	PCB-045/051			ND		0.0454	0.00340	
4	PCB-046			ND		0.0227	0.00153	
4	PCB-048			ND		0.0227	0.00180	
4	PCB-069/049	25.56	0.80	0.0760		0.0454	0.00382	
4	PCB-050/053	22.37	0.82	0.0479		0.0454	0.00195	
4	PCB-052			ND		0.117	0.0137	
4	PCB-054			ND		0.0227	0.00104	
4	PCB-055			ND		0.0227	0.00154	
4	PCB-056			ND		0.0227	0.00347	
4	PCB-057			ND		0.0227	0.00104	
4	PCB-058			ND		0.0227	0.00133	
4	PCB-059/062/075			ND		0.0680	0.00234	
4	PCB-060			ND		0.0227	0.00190	
4	PCB-061/070/074/076			ND		0.0907	0.00819	
4	PCB-063			ND		0.0227	0.00089	
4	PCB-064			ND		0.0227	0.00223	
4	PCB-066			ND		0.0535	0.00426	
4	PCB-067			ND		0.0227	0.00125	
4	PCB-068			ND		0.0227	0.00113	
4	PCB-072			ND		0.0227	0.00079	
4	PCB-077			ND		0.0227	0.00137	
4	PCB-078			ND		0.0227	0.00116	
4	PCB-079			ND		0.0227	0.00079	
4	PCB-080			ND		0.0227	0.00112	
4	PCB-081			ND		0.0227	0.00075	
5	PCB-082			ND		0.0227	0.00137	
5	PCB-083			ND		0.0227	0.00118	
5	PCB-084			ND		0.0227	0.00237	
5	PCB-085/116/117			ND		0.0680	0.00314	
5	PCB-086/087/097/108/119/12			ND		0.136	0.00600	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10715851006
Lab File ID: P241216A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 12:00
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 12:22
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0454	0.00183	
5	PCB-089			ND		0.0227	0.00129	
5	PCB-090/101/113	32.33	1.52	0.160	U	0.0680	0.00464	
5	PCB-092	31.71	1.65	0.0420		0.0227	0.00098	
5	PCB-093/098/100/102			ND		0.0907	0.00418	
5	PCB-094			ND		0.0227	0.00084	
5	PCB-095	29.22	1.58	0.102	U	0.0635	0.00636	
5	PCB-096			ND		0.0227	0.00085	
5	PCB-099	32.93	1.51	0.0595	U	0.0227	0.00190	
5	PCB-103			ND		0.0227	0.00070	
5	PCB-104			ND		0.0227	0.00130	
5	PCB-105			ND		0.0227	0.00291	
5	PCB-106			ND		0.0227	0.00115	
5	PCB-107/124			ND		0.0454	0.00204	
5	PCB-109			ND		0.0227	0.00144	
5	PCB-110/115	34.37	1.46	0.124	U	0.0454	0.00517	
5	PCB-111			ND		0.0227	0.00089	
5	PCB-112			ND		0.0227	0.00141	
5	PCB-114			ND		0.0227	0.00116	
5	PCB-118	37.50	1.52	0.0642	U	0.0354	0.00526	
5	PCB-120			ND		0.0227	0.00087	
5	PCB-121			ND		0.0227	0.00120	
5	PCB-122			ND		0.0227	0.00125	
5	PCB-123			ND		0.0227	0.00135	
5	PCB-126			ND		0.0227	0.00072	
5	PCB-127			ND		0.0227	0.00115	
6	PCB-128/166			ND		0.0454	0.00245	
6	PCB-129/138/163	40.69	1.25	0.323	U	0.0680	0.00510	
6	PCB-130			ND		0.0227	0.00125	
6	PCB-131			ND		0.0227	0.00150	
6	PCB-132	37.57	1.27	0.0844	U	0.0227	0.00169	
6	PCB-133			ND		0.0227	0.00107	
6	PCB-134/143			ND		0.0454	0.00279	
6	PCB-135/151	35.33	1.21	0.171	U	0.0454	0.00305	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10715851006
Lab File ID: P241216A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 12:00
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 12:22
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	32.80	1.17	0.0389		0.0227	0.00155	
6	PCB-137			ND		0.0227	0.00166	
6	PCB-139/140			ND		0.0454	0.00213	
6	PCB-141	39.60	1.29	0.0732	U	0.0227	0.00201	
6	PCB-142			ND		0.0227	0.00139	
6	PCB-144			ND		0.0227	0.00091	
6	PCB-145			ND		0.0227	0.00104	
6	PCB-146	38.78	1.26	0.0631		0.0227	0.00128	
6	PCB-147/149	36.28	1.27	0.313	U	0.0454	0.00389	
6	PCB-148			ND		0.0227	0.00106	
6	PCB-150			ND		0.0227	0.00107	
6	PCB-152			ND		0.0227	0.00086	
6	PCB-153/168	39.41	1.24	0.356	U	0.0454	0.00305	
6	PCB-154			ND		0.0227	0.00134	
6	PCB-155			ND		0.0227	0.00118	
6	PCB-156/157			ND		0.0454	0.00168	
6	PCB-158	41.09	1.20	0.0249		0.0227	0.00125	
6	PCB-159			ND		0.0227	0.00112	
6	PCB-160			ND		0.0227	0.00128	
6	PCB-161			ND		0.0227	0.00063	
6	PCB-162			ND		0.0227	0.00113	
6	PCB-164	40.35	1.23	0.0257		0.0227	0.00141	
6	PCB-165			ND		0.0227	0.00073	
6	PCB-167			ND		0.0227	0.00163	
6	PCB-169			ND		0.0227	0.00102	
7	PCB-170	47.60	1.07	0.115	U	0.0227	0.00145	
7	PCB-171/173			ND		0.0454	0.00187	
7	PCB-172	45.67	0.99	0.0255		0.0227	0.00452	
7	PCB-174	42.91	1.08	0.149	U	0.0227	0.00163	
7	PCB-175			ND		0.0227	0.00108	
7	PCB-176			ND		0.0227	0.00089	
7	PCB-177	43.36	1.06	0.0839	U	0.0227	0.00186	
7	PCB-178	41.12	1.05	0.0382	U	0.0227	0.00119	
7	PCB-179	38.34	1.01	0.0646	U	0.0227	0.00141	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10715851006
Lab File ID: P241216A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 12:00
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 12:22
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.33	1.05	0.288	U	0.0454	0.00413	
7	PCB-181			ND		0.0227	0.00150	
7	PCB-182			ND		0.0227	0.00124	
7	PCB-183/185	42.69	1.05	0.100	U	0.0454	0.00274	
7	PCB-184			ND		0.0227	0.00063	
7	PCB-186			ND		0.0227	0.00149	
7	PCB-187	42.06	1.02	0.187	U	0.0227	0.00168	
7	PCB-188			ND		0.0227	0.00071	
7	PCB-189			ND		0.0227	0.00113	
7	PCB-190	48.15	0.99	0.0274		0.0227	0.00158	
7	PCB-191			ND		0.0227	0.00145	
7	PCB-192			ND		0.0227	0.00146	
8	PCB-194	52.89	0.94	0.0734	U	0.0227	0.00117	
8	PCB-195	50.52	0.89	0.0238		0.0227	0.00150	
8	PCB-196	48.98	0.94	0.0420	U	0.0227	0.00112	
8	PCB-197/200			ND		0.0454	0.00189	
8	PCB-198/199	48.31	0.88	0.0860		0.0454	0.00196	
8	PCB-201			ND		0.0227	0.00057	
8	PCB-202			ND		0.0227	0.00121	
8	PCB-203	49.18	0.86	0.0551	U	0.0227	0.00102	
8	PCB-204			ND		0.0227	0.00117	
8	PCB-205			ND		0.0227	0.00141	
9	PCB-206			ND		0.0227	0.00201	
9	PCB-207			ND		0.0227	0.00135	
9	PCB-208			ND		0.0227	0.00120	
10	PCB-209			ND		0.0227	0.00710	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10715851006
Lab File ID: P241216A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 12:00
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/16/2024 12:22
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 286731-02
Ical ID: P241216A02
CCal File(s): P241216A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0929	
Total TrCB	0.0447	
Total TeCB	0.242	
Total PeCB	0.552	
Total HxCB	1.47	
Total HpCB	1.08	
Total OcCB	0.280	
Total NoCB	ND	
DeCB	ND	
Total PCBs	3.76	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10715851007
Lab File ID: P241220B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 12:50
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/21/2024 10:25
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115915

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241220B02
CCal File(s): P241220B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.39	3.21	2.00	1.09	55	
1	PCB-003L	13.22	3.25	2.00	1.28	64	
2	PCB-004L	13.54	1.55	2.00	1.27	64	
2	PCB-015L	20.69	1.65	2.00	1.42	71	
3	PCB-019L	17.40	1.04	2.00	1.24	62	
3	PCB-037L	28.50	1.09	2.00	1.41	71	
4	PCB-054L	21.04	0.79	2.00	1.10	55	
4	PCB-077L	36.27	0.82	2.00	1.54	77	
4	PCB-081L	35.69	0.81	2.00	1.55	77	
5	PCB-104L	27.19	1.57	2.00	1.41	70	
5	PCB-105L	39.91	1.60	2.00	1.62	81	
5	PCB-114L	39.24	1.62	2.00	1.62	81	
5	PCB-118L	38.69	1.62	2.00	1.61	81	
5	PCB-123L	38.34	1.61	2.00	1.57	78	
5	PCB-126L	43.08	1.64	2.00	1.47	73	
6	PCB-155L	33.27	1.28	2.00	1.49	74	
6	PCB-156/157L	46.19	1.30	4.00	2.84	71	
6	PCB-167L	45.00	1.29	2.00	1.48	74	
6	PCB-169L	49.49	1.29	2.00	1.21	61	
7	PCB-188L	39.22	1.05	2.00	1.96	98	
7	PCB-189L	52.09	1.08	2.00	0.628	31	
8	PCB-202L	44.75	0.91	2.00	1.85	93	
8	PCB-205L	54.83	0.90	2.00	1.53	77	
9	PCB-206L	56.51	0.80	2.00	1.43	71	
9	PCB-208L	51.57	0.80	2.00	1.66	83	
10	PCB-209L	58.15	0.71	2.00	1.38	69	
Recovery Standards							
2	PCB-009L	16.02	1.63	2.00	2.03	N/A	
4	PCB-052L	26.13	0.79	2.00	2.45	N/A	
5	PCB-101L	33.49	1.61	2.00	2.38	N/A	
6	PCB-138L	41.91	1.27	2.00	2.49	N/A	
8	PCB-194L	54.33	0.93	2.00	1.98	N/A	
Cleanup Standards							
3	PCB-028L	24.12	1.07	2.00	1.29	65	
5	PCB-111L	36.31	1.60	2.00	1.39	70	
7	PCB-178L	42.36	1.03	2.00	1.61	80	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10715851007
Lab File ID: P241220B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 12:50
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/21/2024 10:25
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241220B02
CCal File(s): P241220B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0224	0.00398	
1	PCB-002			ND		0.0224	0.00405	
1	PCB-003			ND		0.0224	0.00753	
2	PCB-004	13.56	1.41	0.0972		0.0224	0.00506	
2	PCB-005			ND		0.0224	0.00541	
2	PCB-006			ND		0.0224	0.00275	
2	PCB-007			ND		0.0224	0.00262	
2	PCB-008			ND		0.0224	0.00536	
2	PCB-009			ND		0.0224	0.00106	
2	PCB-010			ND		0.0224	0.00121	
2	PCB-011			ND		0.220	0.0584	
2	PCB-012/013			ND		0.0448	0.00294	
2	PCB-014			ND		0.0224	0.00103	
2	PCB-015			ND		0.0296	0.00578	
3	PCB-016			ND		0.0224	0.00326	
3	PCB-017			ND		0.0224	0.00363	
3	PCB-018/030			ND		0.0448	0.00594	
3	PCB-019	17.43	1.07	0.0536		0.0224	0.00305	
3	PCB-020/028			ND		0.116	0.00673	
3	PCB-021/033			ND		0.121	0.00556	
3	PCB-022			ND		0.0852	0.00366	
3	PCB-023			ND		0.0224	0.00111	
3	PCB-024			ND		0.0224	0.00124	
3	PCB-025			ND		0.0224	0.00145	
3	PCB-026/029			ND		0.0448	0.00233	
3	PCB-027			ND		0.0224	0.00100	
3	PCB-031			ND		0.117	0.00815	
3	PCB-032			ND		0.0224	0.00272	
3	PCB-034			ND		0.0224	0.00109	
3	PCB-035			ND		0.0224	0.00111	
3	PCB-036			ND		0.0224	0.00105	
3	PCB-037			ND		0.0475	0.00271	
3	PCB-038			ND		0.0224	0.00110	
3	PCB-039			ND		0.0224	0.00141	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10715851007
Lab File ID: P241220B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 12:50
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/21/2024 10:25
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241220B02
CCal File(s): P241220B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0672	0.00461	
4	PCB-042			ND		0.0224	0.00244	
4	PCB-043/073			ND		0.0448	0.00221	
4	PCB-044/047/065	27.31	0.79	0.135		0.0672	0.00651	
4	PCB-045/051			ND		0.0448	0.00336	
4	PCB-046			ND		0.0224	0.00151	
4	PCB-048			ND		0.0224	0.00178	
4	PCB-069/049	26.71	0.78	0.0884		0.0448	0.00378	
4	PCB-050/053	23.50	0.80	0.0597		0.0448	0.00193	
4	PCB-052			ND		0.116	0.0136	
4	PCB-054			ND		0.0224	0.00103	
4	PCB-055			ND		0.0224	0.00152	
4	PCB-056			ND		0.0224	0.00343	
4	PCB-057			ND		0.0224	0.00102	
4	PCB-058			ND		0.0224	0.00131	
4	PCB-059/062/075			ND		0.0672	0.00231	
4	PCB-060			ND		0.0224	0.00188	
4	PCB-061/070/074/076			ND		0.0896	0.00809	
4	PCB-063			ND		0.0224	0.00088	
4	PCB-064			ND		0.0224	0.00221	
4	PCB-066			ND		0.0529	0.00421	
4	PCB-067			ND		0.0224	0.00123	
4	PCB-068			ND		0.0224	0.00112	
4	PCB-072			ND		0.0224	0.00079	
4	PCB-077			ND		0.0224	0.00136	
4	PCB-078			ND		0.0224	0.00114	
4	PCB-079			ND		0.0224	0.00079	
4	PCB-080			ND		0.0224	0.00110	
4	PCB-081			ND		0.0224	0.00075	
5	PCB-082			ND		0.0224	0.00136	
5	PCB-083			ND		0.0224	0.00117	
5	PCB-084			ND		0.0224	0.00234	
5	PCB-085/116/117			ND		0.0672	0.00310	
5	PCB-086/087/097/108/119/12			ND		0.134	0.00593	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10715851007
Lab File ID: P241220B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 12:50
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/21/2024 10:25
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241220B02
CCal File(s): P241220B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0448	0.00180	
5	PCB-089			ND		0.0224	0.00128	
5	PCB-090/101/113	33.52	1.62	0.116	U	0.0672	0.00458	
5	PCB-092	32.90	1.59	0.0385		0.0224	0.00097	
5	PCB-093/098/100/102			ND		0.0896	0.00413	
5	PCB-094			ND		0.0224	0.00083	
5	PCB-095	30.40	1.65	0.0857	U	0.0628	0.00629	
5	PCB-096			ND		0.0224	0.00084	
5	PCB-099	34.14	1.55	0.0487	U	0.0224	0.00188	
5	PCB-103			ND		0.0224	0.00069	
5	PCB-104			ND		0.0224	0.00129	
5	PCB-105			ND		0.0224	0.00288	
5	PCB-106			ND		0.0224	0.00113	
5	PCB-107/124			ND		0.0448	0.00202	
5	PCB-109			ND		0.0224	0.00142	
5	PCB-110/115	35.59	1.56	0.0803	U	0.0448	0.00511	
5	PCB-111			ND		0.0224	0.00088	
5	PCB-112			ND		0.0224	0.00139	
5	PCB-114			ND		0.0224	0.00114	
5	PCB-118	38.72	1.57	0.0376	U	0.0350	0.00520	
5	PCB-120			ND		0.0224	0.00085	
5	PCB-121			ND		0.0224	0.00119	
5	PCB-122			ND		0.0224	0.00123	
5	PCB-123			ND		0.0224	0.00133	
5	PCB-126			ND		0.0224	0.00071	
5	PCB-127			ND		0.0224	0.00113	
6	PCB-128/166			ND		0.0448	0.00242	
6	PCB-129/138/163	41.94	1.28	0.215	U	0.0672	0.00504	
6	PCB-130			ND		0.0224	0.00123	
6	PCB-131			ND		0.0224	0.00148	
6	PCB-132	38.82	1.26	0.0483	U	0.0224	0.00167	
6	PCB-133			ND		0.0224	0.00106	
6	PCB-134/143			ND		0.0448	0.00276	
6	PCB-135/151	36.55	1.30	0.110	U	0.0448	0.00301	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10715851007
Lab File ID: P241220B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 12:50
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/21/2024 10:25
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241220B02
CCal File(s): P241220B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	34.05	1.24	0.0263		0.0224	0.00154	
6	PCB-137			ND		0.0224	0.00164	
6	PCB-139/140			ND		0.0448	0.00211	
6	PCB-141	40.85	1.24	0.0378	U	0.0224	0.00198	
6	PCB-142			ND		0.0224	0.00138	
6	PCB-144			ND		0.0224	0.00090	
6	PCB-145			ND		0.0224	0.00103	
6	PCB-146	40.01	1.25	0.0513		0.0224	0.00127	
6	PCB-147/149	37.51	1.26	0.210	U	0.0448	0.00384	
6	PCB-148			ND		0.0224	0.00105	
6	PCB-150			ND		0.0224	0.00106	
6	PCB-152			ND		0.0224	0.00085	
6	PCB-153/168	40.65	1.30	0.231	U	0.0448	0.00301	
6	PCB-154			ND		0.0224	0.00132	
6	PCB-155			ND		0.0224	0.00117	
6	PCB-156/157			ND		0.0448	0.00166	
6	PCB-158			ND		0.0224	0.00123	
6	PCB-159			ND		0.0224	0.00111	
6	PCB-160			ND		0.0224	0.00127	
6	PCB-161			ND		0.0224	0.00062	
6	PCB-162			ND		0.0224	0.00112	
6	PCB-164			ND		0.0224	0.00139	
6	PCB-165			ND		0.0224	0.00072	
6	PCB-167			ND		0.0224	0.00161	
6	PCB-169			ND		0.0224	0.00101	
7	PCB-170	48.91	1.08	0.0890	U	0.0224	0.00143	
7	PCB-171/173			ND		0.0448	0.00185	
7	PCB-172			ND		0.0224	0.00447	
7	PCB-174	44.19	1.01	0.125	U	0.0224	0.00161	
7	PCB-175			ND		0.0224	0.00106	
7	PCB-176			ND		0.0224	0.00088	
7	PCB-177	44.65	1.08	0.0859	U	0.0224	0.00184	
7	PCB-178	42.39	1.02	0.0384	U	0.0224	0.00118	
7	PCB-179	39.59	1.04	0.0635	U	0.0224	0.00139	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10715851007
Lab File ID: P241220B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 12:50
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/21/2024 10:25
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241220B02
CCal File(s): P241220B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.62	1.06	0.222	U	0.0448	0.00408	
7	PCB-181			ND		0.0224	0.00148	
7	PCB-182			ND		0.0224	0.00122	
7	PCB-183/185	43.98	1.07	0.0803	U	0.0448	0.00271	
7	PCB-184			ND		0.0224	0.00063	
7	PCB-186			ND		0.0224	0.00147	
7	PCB-187	43.32	1.01	0.182	U	0.0224	0.00166	
7	PCB-188			ND		0.0224	0.00070	
7	PCB-189			ND		0.0224	0.00112	
7	PCB-190			ND		0.0224	0.00156	
7	PCB-191			ND		0.0224	0.00143	
7	PCB-192			ND		0.0224	0.00145	
8	PCB-194	54.35	0.93	0.0331	U	0.0224	0.00115	
8	PCB-195			ND		0.0224	0.00148	
8	PCB-196			ND		0.0224	0.00111	
8	PCB-197/200			ND		0.0448	0.00187	
8	PCB-198/199			ND		0.0448	0.00194	
8	PCB-201			ND		0.0224	0.00057	
8	PCB-202			ND		0.0224	0.00120	
8	PCB-203	50.48	0.91	0.0246	U	0.0224	0.00101	
8	PCB-204			ND		0.0224	0.00115	
8	PCB-205			ND		0.0224	0.00139	
9	PCB-206			ND		0.0224	0.00198	
9	PCB-207			ND		0.0224	0.00133	
9	PCB-208			ND		0.0224	0.00119	
10	PCB-209			ND		0.0224	0.00701	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10715851007
Lab File ID: P241220B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 12:50
Date Received: 11/15/2024 08:50
Date Extracted: 12/05/2024 14:00
Date Analyzed: 12/21/2024 10:25
Method Blank ID: BLANK-115913
Lab Spike ID(s): LCS-115914/LCSD-115

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241220B02
CCal File(s): P241220B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0972	
Total TrCB	0.0536	
Total TeCB	0.284	
Total PeCB	0.407	
Total HxCB	0.929	
Total HpCB	0.887	
Total OcCB	0.0577	
Total NoCB	ND	
DeCB	ND	
Total PCBs	2.71	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10715851008-R
Lab File ID: P241231B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 14:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 01:29
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116206

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1270mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241231B02
CCal File(s): P241231B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.28	3.33	2.00	0.622	31	
1	PCB-003L	13.12	3.16	2.00	0.749	37	
2	PCB-004L	13.42	1.55	2.00	0.759	38	
2	PCB-015L	20.59	1.63	2.00	0.968	48	
3	PCB-019L	17.29	1.05	2.00	0.800	40	
3	PCB-037L	28.42	1.07	2.00	1.11	56	
4	PCB-054L	20.93	0.79	2.00	0.729	36	
4	PCB-077L	36.17	0.82	2.00	1.25	62	
4	PCB-081L	35.60	0.81	2.00	1.25	62	
5	PCB-104L	27.08	1.60	2.00	0.929	46	
5	PCB-105L	39.81	1.65	2.00	1.18	59	
5	PCB-114L	39.16	1.59	2.00	1.19	59	
5	PCB-118L	38.59	1.63	2.00	1.20	60	
5	PCB-123L	38.25	1.62	2.00	1.19	60	
5	PCB-126L	43.00	1.61	2.00	1.03	51	
6	PCB-155L	33.16	1.26	2.00	1.27	63	
6	PCB-156/157L	46.09	1.32	4.00	2.39	60	
6	PCB-167L	44.90	1.29	2.00	1.26	63	
6	PCB-169L	49.39	1.31	2.00	0.986	49	
7	PCB-188L	39.12	1.04	2.00	1.84	92	
7	PCB-189L	51.96	1.07	2.00	1.37	68	
8	PCB-202L	44.63	0.90	2.00	1.82	91	
8	PCB-205L	54.57	0.91	2.00	1.30	65	
9	PCB-206L	56.32	0.77	2.00	1.32	66	
9	PCB-208L	51.45	0.80	2.00	1.65	82	
10	PCB-209L	57.96	0.71	2.00	1.41	70	
Recovery Standards							
2	PCB-009L	15.91	1.62	2.00	2.42	N/A	
4	PCB-052L	26.03	0.80	2.00	2.78	N/A	
5	PCB-101L	33.39	1.59	2.00	2.73	N/A	
6	PCB-138L	41.81	1.26	2.00	2.45	N/A	
8	PCB-194L	54.08	0.91	2.00	1.86	N/A	
Cleanup Standards							
3	PCB-028L	24.02	1.07	2.00	1.25	63	
5	PCB-111L	36.20	1.62	2.00	1.37	69	
7	PCB-178L	42.26	1.05	2.00	1.63	82	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10715851008-R
Lab File ID: P241231B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 14:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 01:29
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1270mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241231B02
CCal File(s): P241231B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0316	0.00560	
1	PCB-002			ND		0.0316	0.00570	
1	PCB-003			ND		0.0316	0.0106	
2	PCB-004	13.45	1.38	0.251		0.0316	0.00713	
2	PCB-005			ND		0.0316	0.00762	
2	PCB-006			ND		0.0316	0.00387	
2	PCB-007			ND		0.0316	0.00369	
2	PCB-008			ND		0.0316	0.00755	
2	PCB-009			ND		0.0316	0.00149	
2	PCB-010			ND		0.0316	0.00170	
2	PCB-011			ND		0.309	0.0822	
2	PCB-012/013			ND		0.0631	0.00414	
2	PCB-014			ND		0.0316	0.00144	
2	PCB-015			ND		0.0417	0.00814	
3	PCB-016			ND		0.0316	0.00459	
3	PCB-017	20.02	1.09	0.0324		0.0316	0.00511	
3	PCB-018/030			ND		0.0631	0.00837	
3	PCB-019	17.31	1.01	0.130		0.0316	0.00429	
3	PCB-020/028			ND		0.163	0.00949	
3	PCB-021/033			ND		0.170	0.00783	
3	PCB-022			ND		0.120	0.00516	
3	PCB-023			ND		0.0316	0.00157	
3	PCB-024			ND		0.0316	0.00175	
3	PCB-025			ND		0.0316	0.00204	
3	PCB-026/029			ND		0.0631	0.00328	
3	PCB-027			ND		0.0316	0.00141	
3	PCB-031			ND		0.164	0.0115	
3	PCB-032			ND		0.0316	0.00384	
3	PCB-034			ND		0.0316	0.00154	
3	PCB-035			ND		0.0316	0.00156	
3	PCB-036			ND		0.0316	0.00147	
3	PCB-037			ND		0.0669	0.00382	
3	PCB-038			ND		0.0316	0.00155	
3	PCB-039			ND		0.0316	0.00199	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10715851008-R
Lab File ID: P241231B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 14:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 01:29
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1270mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241231B02
CCal File(s): P241231B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0947	0.00649	
4	PCB-042			ND		0.0316	0.00344	
4	PCB-043/073			ND		0.0631	0.00311	
4	PCB-044/047/065	27.21	0.78	0.211		0.0947	0.00917	
4	PCB-045/051			ND		0.0631	0.00474	
4	PCB-046			ND		0.0316	0.00213	
4	PCB-048			ND		0.0316	0.00251	
4	PCB-069/049	26.60	0.80	0.141		0.0631	0.00532	
4	PCB-050/053	23.39	0.80	0.0979		0.0631	0.00271	
4	PCB-052			ND		0.163	0.0191	
4	PCB-054	20.96	0.75	0.0336		0.0316	0.00144	
4	PCB-055			ND		0.0316	0.00215	
4	PCB-056			ND		0.0316	0.00483	
4	PCB-057			ND		0.0316	0.00144	
4	PCB-058			ND		0.0316	0.00185	
4	PCB-059/062/075			ND		0.0947	0.00325	
4	PCB-060			ND		0.0316	0.00265	
4	PCB-061/070/074/076			ND		0.126	0.0114	
4	PCB-063			ND		0.0316	0.00124	
4	PCB-064			ND		0.0316	0.00311	
4	PCB-066			ND		0.0745	0.00594	
4	PCB-067			ND		0.0316	0.00174	
4	PCB-068			ND		0.0316	0.00158	
4	PCB-072			ND		0.0316	0.00111	
4	PCB-077			ND		0.0316	0.00191	
4	PCB-078			ND		0.0316	0.00161	
4	PCB-079			ND		0.0316	0.00111	
4	PCB-080			ND		0.0316	0.00156	
4	PCB-081			ND		0.0316	0.00106	
5	PCB-082			ND		0.0316	0.00191	
5	PCB-083			ND		0.0316	0.00164	
5	PCB-084			ND		0.0316	0.00330	
5	PCB-085/116/117			ND		0.0947	0.00437	
5	PCB-086/087/097/108/119/12			ND		0.189	0.00835	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10715851008-R
Lab File ID: P241231B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 14:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 01:29
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1270mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241231B02
CCal File(s): P241231B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0631	0.00254	
5	PCB-089			ND		0.0316	0.00180	
5	PCB-090/101/113	33.42	1.58	0.220	U	0.0947	0.00646	
5	PCB-092	32.80	1.55	0.0595		0.0316	0.00137	
5	PCB-093/098/100/102			ND		0.126	0.00582	
5	PCB-094			ND		0.0316	0.00118	
5	PCB-095	30.29	1.58	0.184	B U	0.0884	0.00886	
5	PCB-096			ND		0.0316	0.00119	
5	PCB-099	34.04	1.49	0.0699	U	0.0316	0.00265	
5	PCB-103			ND		0.0316	0.00097	
5	PCB-104			ND		0.0316	0.00182	
5	PCB-105			ND		0.0316	0.00406	
5	PCB-106			ND		0.0316	0.00159	
5	PCB-107/124			ND		0.0631	0.00284	
5	PCB-109			ND		0.0316	0.00200	
5	PCB-110/115	35.48	1.52	0.158	U	0.0631	0.00720	
5	PCB-111			ND		0.0316	0.00125	
5	PCB-112			ND		0.0316	0.00196	
5	PCB-114			ND		0.0316	0.00161	
5	PCB-118	38.62	1.59	0.0698	U	0.0492	0.00732	
5	PCB-120			ND		0.0316	0.00121	
5	PCB-121			ND		0.0316	0.00167	
5	PCB-122			ND		0.0316	0.00174	
5	PCB-123			ND		0.0316	0.00188	
5	PCB-126			ND		0.0316	0.00101	
5	PCB-127			ND		0.0316	0.00159	
6	PCB-128/166			ND		0.0631	0.00341	
6	PCB-129/138/163	41.84	1.27	0.321	U	0.0947	0.00710	
6	PCB-130			ND		0.0316	0.00174	
6	PCB-131			ND		0.0316	0.00208	
6	PCB-132	38.72	1.23	0.0871	B U	0.0316	0.00235	
6	PCB-133			ND		0.0316	0.00149	
6	PCB-134/143			ND		0.0631	0.00388	
6	PCB-135/151	36.45	1.23	0.176	U	0.0631	0.00425	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10715851008-R
Lab File ID: P241231B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 14:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 01:29
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1270mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241231B02
CCal File(s): P241231B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.93	1.25	0.0501	B U	0.0316	0.00216	
6	PCB-137			ND		0.0316	0.00230	
6	PCB-139/140			ND		0.0631	0.00297	
6	PCB-141	40.75	1.28	0.0688	U	0.0316	0.00279	
6	PCB-142			ND		0.0316	0.00194	
6	PCB-144			ND		0.0316	0.00127	
6	PCB-145			ND		0.0316	0.00144	
6	PCB-146	39.89	1.20	0.0611		0.0316	0.00178	
6	PCB-147/149	37.41	1.30	0.344	B U	0.0631	0.00541	
6	PCB-148			ND		0.0316	0.00147	
6	PCB-150			ND		0.0316	0.00150	
6	PCB-152			ND		0.0316	0.00120	
6	PCB-153/168	40.55	1.30	0.351	B U	0.0631	0.00425	
6	PCB-154			ND		0.0316	0.00186	
6	PCB-155			ND		0.0316	0.00164	
6	PCB-156/157			ND		0.0631	0.00234	
6	PCB-158			ND		0.0316	0.00174	
6	PCB-159			ND		0.0316	0.00156	
6	PCB-160			ND		0.0316	0.00178	
6	PCB-161			ND		0.0316	0.00087	
6	PCB-162			ND		0.0316	0.00158	
6	PCB-164			ND		0.0316	0.00196	
6	PCB-165			ND		0.0316	0.00103	
6	PCB-167			ND		0.0316	0.00227	
6	PCB-169			ND		0.0316	0.00142	
7	PCB-170	48.80	1.03	0.0949	U	0.0316	0.00202	
7	PCB-171/173			ND		0.0631	0.00260	
7	PCB-172			ND		0.0316	0.00630	
7	PCB-174	44.09	1.08	0.124	U	0.0316	0.00227	
7	PCB-175			ND		0.0316	0.00150	
7	PCB-176			ND		0.0316	0.00125	
7	PCB-177	44.54	1.11	0.0772	U	0.0316	0.00259	
7	PCB-178	42.28	0.99	0.0340	U	0.0316	0.00166	
7	PCB-179	39.49	0.97	0.0570	U	0.0316	0.00196	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10715851008-R
Lab File ID: P241231B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 14:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 01:29
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1270mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241231B02
CCal File(s): P241231B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.51	1.06	0.236	U	0.0631	0.00575	
7	PCB-181			ND		0.0316	0.00208	
7	PCB-182			ND		0.0316	0.00172	
7	PCB-183/185	43.86	1.05	0.0901	U	0.0631	0.00382	
7	PCB-184			ND		0.0316	0.00088	
7	PCB-186			ND		0.0316	0.00207	
7	PCB-187	43.21	1.02	0.160	U	0.0316	0.00234	
7	PCB-188			ND		0.0316	0.00099	
7	PCB-189			ND		0.0316	0.00158	
7	PCB-190			ND		0.0316	0.00219	
7	PCB-191			ND		0.0316	0.00202	
7	PCB-192			ND		0.0316	0.00204	
8	PCB-194	54.10	0.81	0.0526	U	0.0316	0.00163	
8	PCB-195			ND		0.0316	0.00208	
8	PCB-196			ND		0.0316	0.00156	
8	PCB-197/200			ND		0.0631	0.00264	
8	PCB-198/199			ND		0.0631	0.00273	
8	PCB-201			ND		0.0316	0.00080	
8	PCB-202			ND		0.0316	0.00169	
8	PCB-203	50.38	0.93	0.0360	U	0.0316	0.00142	
8	PCB-204			ND		0.0316	0.00163	
8	PCB-205			ND		0.0316	0.00196	
9	PCB-206			ND		0.0316	0.00279	
9	PCB-207			ND		0.0316	0.00188	
9	PCB-208			ND		0.0316	0.00167	
10	PCB-209			ND		0.0316	0.00988	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10715851008-R
Lab File ID: P241231B_11
Matrix: Water
Percent Solids: N/A
Date Collected: 11/13/2024 14:15
Date Received: 11/15/2024 08:50
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 01:29
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1270mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241231B02
CCal File(s): P241231B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.251	
Total TrCB	0.163	
Total TeCB	0.484	
Total PeCB	0.762	B
Total HxCB	1.46	B
Total HpCB	0.873	
Total OcCB	0.0886	
Total NoCB	ND	
DeCB	ND	
Total PCBs	4.08	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Arcadis
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202
Customer Project #: 3022 4932. 3000
Project Name: Housatonic River BMP
Site Collection Info/Facility ID (as applicable): Housatonic River

Contact/Report To: Dave Knutsen
Phone #: 315-671-9374
E-Mail: David.Knutsen@Arcadis.com
Cc E-Mail:
Invoice to: Arcadis U.S., Inc. administration
Invoice E-mail: accountspayable@Arcadis.com
Purchase Order # (if applicable):
Quote #:
County / State origin of sample(s): Pittsfield, MA

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [✓] ET

Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
Date Results Requested:

DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TSS Low Level * SM2540D	Sample Comment
Near Pittsfield WWTP	WT				11/15/24	12:45	1			X	
Pomeroy Avenue Bridge	WT				11/15/24	14:15	1			X	

Specify Container Size **: 1
Identify Container Preservative Type***: 1
Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 80mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 45643

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
Short Hold Time
Refer to Contract

Collected By: Printed Name: Penelope T. Rabasco
Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards:
* Please use entire sample for analysis

Coolers: Thermometer ID: Correction Factor (°C): Corr. Temp (°C): Corrected Temp (°C): [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Penelope T. Rabasco / Arcadis	11/18/24 17:30			
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10716050

Sample: Near Pittsfield WWTP **Lab ID: 10716050001** Collected: 11/15/24 12:45 Received: 11/19/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		11/21/24 15:30		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10716050

Sample: Pomeroy Avenue Bridge **Lab ID: 10716050002** Collected: 11/15/24 14:15 Received: 11/19/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		11/21/24 15:30		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 10716229

10716229

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30224932.3000	Invoice to: Arcadis U.S., Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accounts.payable.administration@arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [T] ET	County / State origin of sample(s): Pittsfield, MA

Data Deliverables: [ ] Level II [ ] Level III [T] Level IV [ ] EQUIS [ ] Other_____

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other_____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: 1

Identify Container Preservative Type***: 1

Analysis Requested: PCB 10608

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: / AcctNum / Client ID: / Table #: / Profile / Template: / Prelog / Bottle Ord. ID: 45643

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	Sample Comment
Woods Pond Dam	WT		11/14/24	13:15			4			001
Woods Pond Dam (Lab Dup)	WT		11/14/24	13:15			4			002
New Lenox Rd Bridge	WT		11/14/24	14:30			4			003
Near Pittsfield WWTP	WT		11/15/24	12:45			4			004
Pomeroy Avenue Bridge	WT		11/15/24	14:15			4			005

Preservation non-conformance identified for sample.

Additional Instructions from Pace® :

Collected By: Printed Name: Penelope T. Rabasco

Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: Refer to Contract

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C):	Corrected Temp. (°C):	[ ] On Ice
1	T3	-0.2	1.1, 4.0, 1.2	0.9, 3.8, 1.0	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Rabasco / Arcadis	11/18/24 17:30		11/19/24 900
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10716229001-R
Lab File ID: P241231B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 13:15
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 02:31
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116206

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241231B02
CCal File(s): P241231B_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.28	3.18	2.00	0.675	34	
1	PCB-003L	13.11	3.22	2.00	0.780	39	
2	PCB-004L	13.42	1.56	2.00	0.800	40	
2	PCB-015L	20.58	1.63	2.00	0.994	50	
3	PCB-019L	17.28	1.06	2.00	0.834	42	
3	PCB-037L	28.42	1.08	2.00	1.06	53	
4	PCB-054L	20.91	0.80	2.00	0.829	41	
4	PCB-077L	36.17	0.82	2.00	1.19	59	
4	PCB-081L	35.59	0.82	2.00	1.19	59	
5	PCB-104L	27.07	1.59	2.00	0.984	49	
5	PCB-105L	39.81	1.60	2.00	1.13	56	
5	PCB-114L	39.14	1.64	2.00	1.12	56	
5	PCB-118L	38.59	1.64	2.00	1.15	57	
5	PCB-123L	38.23	1.61	2.00	1.16	58	
5	PCB-126L	43.00	1.64	2.00	0.913	46	
6	PCB-155L	33.16	1.25	2.00	1.31	65	
6	PCB-156/157L	46.09	1.28	4.00	2.06	52	
6	PCB-167L	44.90	1.29	2.00	1.11	56	
6	PCB-169L	49.39	1.29	2.00	0.868	43	
7	PCB-188L	39.11	1.05	2.00	1.97	99	
7	PCB-189L	51.96	1.09	2.00	1.29	64	
8	PCB-202L	44.63	0.89	2.00	1.82	91	
8	PCB-205L	54.57	0.91	2.00	1.26	63	
9	PCB-206L	56.32	0.82	2.00	1.25	62	
9	PCB-208L	51.45	0.77	2.00	1.56	78	
10	PCB-209L	57.96	0.71	2.00	1.32	66	
Recovery Standards							
2	PCB-009L	15.90	1.58	2.00	2.54	N/A	
4	PCB-052L	26.03	0.79	2.00	2.81	N/A	
5	PCB-101L	33.39	1.58	2.00	2.81	N/A	
6	PCB-138L	41.79	1.28	2.00	2.55	N/A	
8	PCB-194L	54.08	0.92	2.00	1.79	N/A	
Cleanup Standards							
3	PCB-028L	24.02	1.08	2.00	1.25	62	
5	PCB-111L	36.20	1.58	2.00	1.31	65	
7	PCB-178L	42.24	1.06	2.00	1.57	78	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10716229001-R
Lab File ID: P241231B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 13:15
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 02:31
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241231B02
CCal File(s): P241231B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.29	3.29	0.106		0.0227	0.00403	
1	PCB-002			ND		0.0227	0.00410	
1	PCB-003			ND		0.0227	0.00763	
2	PCB-004	13.43	1.56	4.15		0.0227	0.00513	
2	PCB-005			ND		0.0227	0.00549	
2	PCB-006	16.42	1.49	0.0682		0.0227	0.00278	
2	PCB-007			ND		0.0227	0.00266	
2	PCB-008	16.94	1.46	0.0899	U	0.0227	0.00543	
2	PCB-009			ND		0.0227	0.00107	
2	PCB-010	13.66	1.59	0.106		0.0227	0.00123	
2	PCB-011			ND		0.223	0.0592	
2	PCB-012/013			ND		0.0454	0.00298	
2	PCB-014			ND		0.0227	0.00104	
2	PCB-015	20.60	1.57	0.163		0.0300	0.00586	
3	PCB-016	20.53	1.06	0.0642		0.0227	0.00331	
3	PCB-017	20.01	1.04	0.566		0.0227	0.00368	
3	PCB-018/030	19.53	1.03	0.385		0.0454	0.00602	
3	PCB-019	17.30	1.05	2.78		0.0227	0.00309	
3	PCB-020/028	24.04	1.05	0.415		0.117	0.00683	
3	PCB-021/033	24.24	1.04	0.139		0.123	0.00563	
3	PCB-022			ND		0.0863	0.00371	
3	PCB-023			ND		0.0227	0.00113	
3	PCB-024			ND		0.0227	0.00126	
3	PCB-025	23.37	1.03	0.244		0.0227	0.00147	
3	PCB-026/029	23.08	1.07	0.279		0.0454	0.00236	
3	PCB-027	20.25	1.04	0.359		0.0227	0.00101	
3	PCB-031	23.71	1.06	0.248		0.118	0.00826	
3	PCB-032	21.14	1.06	0.791		0.0227	0.00276	
3	PCB-034			ND		0.0227	0.00111	
3	PCB-035			ND		0.0227	0.00112	
3	PCB-036			ND		0.0227	0.00106	
3	PCB-037			ND		0.0482	0.00275	
3	PCB-038			ND		0.0227	0.00112	
3	PCB-039			ND		0.0227	0.00143	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10716229001-R
Lab File ID: P241231B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 13:15
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 02:31
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241231B02
CCal File(s): P241231B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.25	0.79	0.844		0.0682	0.00467	
4	PCB-042	27.72	0.80	0.294		0.0227	0.00248	
4	PCB-043/073	26.22	0.76	0.177		0.0454	0.00224	
4	PCB-044/047/065	27.19	0.78	5.92		0.0682	0.00660	
4	PCB-045/051	24.22	0.79	4.01		0.0454	0.00341	
4	PCB-046	24.49	0.80	0.212		0.0227	0.00153	
4	PCB-048			ND		0.0227	0.00181	
4	PCB-069/049	26.59	0.79	3.36		0.0454	0.00383	
4	PCB-050/053	23.39	0.78	3.02		0.0454	0.00195	
4	PCB-052	26.05	0.79	1.95		0.117	0.0137	
4	PCB-054	20.94	0.78	1.20		0.0227	0.00104	
4	PCB-055			ND		0.0227	0.00154	
4	PCB-056	32.27	0.80	0.0338		0.0227	0.00348	
4	PCB-057			ND		0.0227	0.00104	
4	PCB-058			ND		0.0227	0.00133	
4	PCB-059/062/075	27.55	0.79	0.111		0.0682	0.00234	
4	PCB-060			ND		0.0227	0.00191	
4	PCB-061/070/074/076	31.22	0.77	0.301		0.0909	0.00820	
4	PCB-063	30.88	0.76	0.0361		0.0227	0.00089	
4	PCB-064	28.49	0.75	0.0927		0.0227	0.00224	
4	PCB-066	31.58	0.79	0.375		0.0536	0.00427	
4	PCB-067			ND		0.0227	0.00125	
4	PCB-068	29.71	0.81	0.0895		0.0227	0.00114	
4	PCB-072	29.40	0.83	0.0516		0.0227	0.00080	
4	PCB-077			ND		0.0227	0.00137	
4	PCB-078			ND		0.0227	0.00116	
4	PCB-079			ND		0.0227	0.00080	
4	PCB-080			ND		0.0227	0.00112	
4	PCB-081			ND		0.0227	0.00076	
5	PCB-082	35.82	1.46	0.0560		0.0227	0.00137	
5	PCB-083	33.90	1.57	0.0790		0.0227	0.00118	
5	PCB-084	31.44	1.57	0.265		0.0227	0.00237	
5	PCB-085/116/117	35.26	1.59	0.226		0.0682	0.00315	
5	PCB-086/087/097/108/119/12	34.58	1.60	0.814		0.136	0.00601	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10716229001-R
Lab File ID: P241231B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 13:15
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 02:31
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241231B02
CCal File(s): P241231B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.22	1.58	1.04		0.0454	0.00183	
5	PCB-089			ND		0.0227	0.00129	
5	PCB-090/101/113	33.40	1.57	2.62		0.0682	0.00465	
5	PCB-092	32.78	1.56	0.838		0.0227	0.00098	
5	PCB-093/098/100/102	30.56	1.58	0.880		0.0909	0.00419	
5	PCB-094	29.81	1.57	0.250		0.0227	0.00084	
5	PCB-095	30.29	1.57	1.81		0.0636	0.00637	
5	PCB-096	27.49	1.57	0.125		0.0227	0.00085	
5	PCB-099	34.02	1.58	1.09		0.0227	0.00191	
5	PCB-103	29.58	1.59	0.327		0.0227	0.00070	
5	PCB-104	27.10	1.51	0.114		0.0227	0.00131	
5	PCB-105	39.83	1.59	0.117	U	0.0227	0.00292	
5	PCB-106			ND		0.0227	0.00115	
5	PCB-107/124			ND		0.0454	0.00204	
5	PCB-109	38.15	1.64	0.0824		0.0227	0.00144	
5	PCB-110/115	35.48	1.58	1.54		0.0454	0.00518	
5	PCB-111			ND		0.0227	0.00089	
5	PCB-112			ND		0.0227	0.00141	
5	PCB-114			ND		0.0227	0.00116	
5	PCB-118	38.60	1.57	0.580		0.0354	0.00527	
5	PCB-120	36.72	1.55	0.0237		0.0227	0.00087	
5	PCB-121			ND		0.0227	0.00120	
5	PCB-122			ND		0.0227	0.00125	
5	PCB-123			ND		0.0227	0.00135	
5	PCB-126			ND		0.0227	0.00072	
5	PCB-127			ND		0.0227	0.00115	
6	PCB-128/166	43.13	1.25	0.205		0.0454	0.00245	
6	PCB-129/138/163	41.82	1.25	3.73		0.0682	0.00511	
6	PCB-130	41.15	1.27	0.194		0.0227	0.00125	
6	PCB-131	38.23	1.25	0.0250		0.0227	0.00150	
6	PCB-132	38.70	1.27	1.07		0.0227	0.00169	
6	PCB-133	39.22	1.26	0.116		0.0227	0.00107	
6	PCB-134/143	37.61	1.22	0.198		0.0454	0.00279	
6	PCB-135/151	36.44	1.25	2.27		0.0454	0.00306	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10716229001-R
Lab File ID: P241231B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 13:15
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 02:31
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241231B02
CCal File(s): P241231B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.93	1.24	0.682		0.0227	0.00156	
6	PCB-137	41.39	1.34	0.0726		0.0227	0.00166	
6	PCB-139/140	38.03	1.23	0.0524		0.0454	0.00214	
6	PCB-141	40.73	1.22	0.799		0.0227	0.00201	
6	PCB-142			ND		0.0227	0.00140	
6	PCB-144	37.04	1.22	0.193		0.0227	0.00091	
6	PCB-145			ND		0.0227	0.00104	
6	PCB-146	39.89	1.25	0.786		0.0227	0.00128	
6	PCB-147/149	37.41	1.27	4.59		0.0454	0.00390	
6	PCB-148	35.82	1.28	0.0407		0.0227	0.00106	
6	PCB-150	33.56	1.25	0.0495		0.0227	0.00108	
6	PCB-152	33.37	1.23	0.0411		0.0227	0.00086	
6	PCB-153/168	40.53	1.25	4.23		0.0454	0.00306	
6	PCB-154	36.72	1.26	0.149		0.0227	0.00134	
6	PCB-155			ND		0.0227	0.00118	
6	PCB-156/157	46.09	1.25	0.165		0.0454	0.00168	
6	PCB-158	42.24	1.24	0.250		0.0227	0.00125	
6	PCB-159	44.13	1.40	0.0299		0.0227	0.00113	
6	PCB-160			ND		0.0227	0.00128	
6	PCB-161			ND		0.0227	0.00063	
6	PCB-162			ND		0.0227	0.00114	
6	PCB-164	41.50	1.30	0.249		0.0227	0.00141	
6	PCB-165			ND		0.0227	0.00073	
6	PCB-167	44.91	1.26	0.104		0.0227	0.00164	
6	PCB-169			ND		0.0227	0.00102	
7	PCB-170	48.80	1.07	1.19		0.0227	0.00145	
7	PCB-171/173	45.18	1.05	0.395		0.0454	0.00187	
7	PCB-172	46.84	1.07	0.250		0.0227	0.00453	
7	PCB-174	44.08	1.07	1.50		0.0227	0.00164	
7	PCB-175	42.93	1.04	0.0589		0.0227	0.00108	
7	PCB-176	40.40	1.05	0.202		0.0227	0.00090	
7	PCB-177	44.53	1.05	0.928		0.0227	0.00186	
7	PCB-178	42.28	1.05	0.382		0.0227	0.00119	
7	PCB-179	39.48	1.05	0.765		0.0227	0.00141	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10716229001-R
Lab File ID: P241231B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 13:15
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 02:31
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241231B02
CCal File(s): P241231B_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.51	1.04	2.97		0.0454	0.00413	
7	PCB-181			ND		0.0227	0.00150	
7	PCB-182			ND		0.0227	0.00124	
7	PCB-183/185	43.86	1.05	1.02		0.0454	0.00275	
7	PCB-184			ND		0.0227	0.00063	
7	PCB-186			ND		0.0227	0.00149	
7	PCB-187	43.21	1.06	1.94		0.0227	0.00168	
7	PCB-188			ND		0.0227	0.00071	
7	PCB-189	51.98	1.08	0.0500		0.0227	0.00114	
7	PCB-190	49.34	1.08	0.258		0.0227	0.00158	
7	PCB-191	47.86	1.19	0.0484		0.0227	0.00145	
7	PCB-192			ND		0.0227	0.00147	
8	PCB-194	54.10	0.91	0.608		0.0227	0.00117	
8	PCB-195	51.73	0.92	0.271		0.0227	0.00150	
8	PCB-196	50.16	0.88	0.344		0.0227	0.00112	
8	PCB-197/200	46.62	0.87	0.117		0.0454	0.00190	
8	PCB-198/199	49.51	0.89	0.617		0.0454	0.00197	
8	PCB-201	45.60	0.89	0.0844		0.0227	0.00058	
8	PCB-202	44.66	0.86	0.129		0.0227	0.00122	
8	PCB-203	50.38	0.89	0.409		0.0227	0.00102	
8	PCB-204			ND		0.0227	0.00117	
8	PCB-205	54.59	0.90	0.0399		0.0227	0.00141	
9	PCB-206	56.34	0.80	0.153		0.0227	0.00201	
9	PCB-207			ND		0.0227	0.00135	
9	PCB-208	51.47	0.74	0.0288		0.0227	0.00120	
10	PCB-209			ND		0.0227	0.00711	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10716229001-R
Lab File ID: P241231B_12
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 13:15
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 02:31
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1760mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P241231B02
CCal File(s): P241231B_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.106	
Total DiCB	4.58	
Total TrCB	6.27	
Total TeCB	22.1	
Total PeCB	12.9	
Total HxCB	20.3	
Total HpCB	12.0	
Total OcCB	2.62	
Total NoCB	0.181	
DeCB	ND	
Total PCBs	80.9	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10716229003-R
Lab File ID: P250101A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 14:30
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 08:46
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116206

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.29	3.23	2.00	0.830	42	
1	PCB-003L	13.11	3.36	2.00	0.963	48	
2	PCB-004L	13.41	1.54	2.00	1.02	51	
2	PCB-015L	20.55	1.64	2.00	1.17	59	
3	PCB-019L	17.27	1.02	2.00	1.06	53	
3	PCB-037L	28.38	1.07	2.00	1.18	59	
4	PCB-054L	20.90	0.79	2.00	1.00	50	
4	PCB-077L	36.14	0.81	2.00	1.34	67	
4	PCB-081L	35.55	0.81	2.00	1.34	67	
5	PCB-104L	27.04	1.59	2.00	1.25	63	
5	PCB-105L	39.78	1.62	2.00	1.28	64	
5	PCB-114L	39.11	1.64	2.00	1.28	64	
5	PCB-118L	38.55	1.63	2.00	1.33	66	
5	PCB-123L	38.20	1.59	2.00	1.32	66	
5	PCB-126L	42.96	1.65	2.00	1.03	51	
6	PCB-155L	33.13	1.24	2.00	1.57	78	
6	PCB-156/157L	46.05	1.30	4.00	2.43	61	
6	PCB-167L	44.86	1.28	2.00	1.29	64	
6	PCB-169L	49.36	1.26	2.00	0.957	48	
7	PCB-188L	39.07	1.04	2.00	2.25	112	
7	PCB-189L	51.92	1.06	2.00	1.49	74	
8	PCB-202L	44.60	0.90	2.00	2.03	101	
8	PCB-205L	54.53	0.92	2.00	1.37	69	
9	PCB-206L	56.30	0.81	2.00	1.39	69	
9	PCB-208L	51.42	0.79	2.00	1.72	86	
10	PCB-209L	57.93	0.68	2.00	1.43	72	
Recovery Standards							
2	PCB-009L	15.89	1.62	2.00	2.30	N/A	
4	PCB-052L	26.00	0.79	2.00	2.57	N/A	
5	PCB-101L	33.34	1.59	2.00	2.52	N/A	
6	PCB-138L	41.77	1.25	2.00	2.33	N/A	
8	PCB-194L	54.05	0.92	2.00	1.66	N/A	
Cleanup Standards							
3	PCB-028L	23.99	1.06	2.00	1.32	66	
5	PCB-111L	36.16	1.59	2.00	1.48	74	
7	PCB-178L	42.21	1.06	2.00	1.72	86	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10716229003-R
Lab File ID: P250101A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 14:30
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 08:46
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.30	3.09	0.0605		0.0221	0.00393	
1	PCB-002			ND		0.0221	0.00400	
1	PCB-003			ND		0.0221	0.00744	
2	PCB-004	13.43	1.53	4.37		0.0221	0.00500	
2	PCB-005			ND		0.0221	0.00535	
2	PCB-006	16.41	1.51	0.0326		0.0221	0.00271	
2	PCB-007			ND		0.0221	0.00259	
2	PCB-008	16.93	1.66	0.0405	U	0.0221	0.00529	
2	PCB-009			ND		0.0221	0.00105	
2	PCB-010	13.66	1.52	0.122		0.0221	0.00120	
2	PCB-011			ND		0.217	0.0577	
2	PCB-012/013			ND		0.0443	0.00290	
2	PCB-014			ND		0.0221	0.00101	
2	PCB-015	20.58	1.58	0.0871		0.0292	0.00571	
3	PCB-016	20.51	1.07	0.0369		0.0221	0.00322	
3	PCB-017	19.99	1.00	0.320		0.0221	0.00359	
3	PCB-018/030	19.50	1.05	0.211		0.0443	0.00587	
3	PCB-019	17.29	1.05	2.48		0.0221	0.00301	
3	PCB-020/028			ND		0.114	0.00665	
3	PCB-021/033			ND		0.120	0.00549	
3	PCB-022			ND		0.0841	0.00362	
3	PCB-023			ND		0.0221	0.00110	
3	PCB-024			ND		0.0221	0.00123	
3	PCB-025	23.34	1.02	0.0598		0.0221	0.00143	
3	PCB-026/029	23.06	1.06	0.0918		0.0443	0.00230	
3	PCB-027	20.23	1.06	0.282		0.0221	0.00098	
3	PCB-031			ND		0.115	0.00805	
3	PCB-032	21.13	1.05	0.202		0.0221	0.00269	
3	PCB-034			ND		0.0221	0.00108	
3	PCB-035			ND		0.0221	0.00109	
3	PCB-036			ND		0.0221	0.00103	
3	PCB-037			ND		0.0469	0.00268	
3	PCB-038			ND		0.0221	0.00109	
3	PCB-039			ND		0.0221	0.00139	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10716229003-R
Lab File ID: P250101A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 14:30
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 08:46
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.21	0.78	0.151		0.0664	0.00455	
4	PCB-042	27.69	0.86	0.0476		0.0221	0.00241	
4	PCB-043/073	26.19	0.78	0.0507		0.0443	0.00218	
4	PCB-044/047/065	27.16	0.79	1.40		0.0664	0.00643	
4	PCB-045/051	24.19	0.79	1.02		0.0443	0.00332	
4	PCB-046	24.45	0.76	0.0412		0.0221	0.00149	
4	PCB-048			ND		0.0221	0.00176	
4	PCB-069/049	26.56	0.78	0.846		0.0443	0.00373	
4	PCB-050/053	23.36	0.78	0.836		0.0443	0.00190	
4	PCB-052	26.02	0.79	0.784		0.114	0.0134	
4	PCB-054	20.91	0.78	0.436		0.0221	0.00101	
4	PCB-055			ND		0.0221	0.00151	
4	PCB-056			ND		0.0221	0.00339	
4	PCB-057			ND		0.0221	0.00101	
4	PCB-058			ND		0.0221	0.00130	
4	PCB-059/062/075			ND		0.0664	0.00228	
4	PCB-060			ND		0.0221	0.00186	
4	PCB-061/070/074/076	31.19	0.79	0.0938		0.0886	0.00799	
4	PCB-063			ND		0.0221	0.00086	
4	PCB-064	28.46	0.77	0.0356		0.0221	0.00218	
4	PCB-066	31.55	0.80	0.0676		0.0523	0.00416	
4	PCB-067			ND		0.0221	0.00122	
4	PCB-068			ND		0.0221	0.00111	
4	PCB-072			ND		0.0221	0.00078	
4	PCB-077			ND		0.0221	0.00134	
4	PCB-078			ND		0.0221	0.00113	
4	PCB-079			ND		0.0221	0.00078	
4	PCB-080			ND		0.0221	0.00109	
4	PCB-081			ND		0.0221	0.00074	
5	PCB-082			ND		0.0221	0.00134	
5	PCB-083			ND		0.0221	0.00115	
5	PCB-084	31.41	1.53	0.0817	U	0.0221	0.00231	
5	PCB-085/116/117			ND		0.0664	0.00307	
5	PCB-086/087/097/108/119/12	34.56	1.59	0.210		0.133	0.00586	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10716229003-R
Lab File ID: P250101A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 14:30
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 08:46
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.19	1.55	0.205		0.0443	0.00178	
5	PCB-089			ND		0.0221	0.00126	
5	PCB-090/101/113	33.37	1.57	0.674		0.0664	0.00453	
5	PCB-092	32.75	1.58	0.164		0.0221	0.00096	
5	PCB-093/098/100/102	30.51	1.58	0.242		0.0886	0.00409	
5	PCB-094	29.78	1.46	0.0422		0.0221	0.00082	
5	PCB-095	30.25	1.59	0.656	B	0.0620	0.00621	
5	PCB-096	27.46	1.63	0.0266		0.0221	0.00083	
5	PCB-099	33.99	1.56	0.218		0.0221	0.00186	
5	PCB-103	29.55	1.55	0.0795		0.0221	0.00068	
5	PCB-104	27.07	1.43	0.0363		0.0221	0.00127	
5	PCB-105	39.79	1.51	0.0302	U	0.0221	0.00285	
5	PCB-106			ND		0.0221	0.00112	
5	PCB-107/124			ND		0.0443	0.00199	
5	PCB-109			ND		0.0221	0.00141	
5	PCB-110/115	35.45	1.60	0.414	U	0.0443	0.00505	
5	PCB-111			ND		0.0221	0.00087	
5	PCB-112			ND		0.0221	0.00137	
5	PCB-114			ND		0.0221	0.00113	
5	PCB-118	38.57	1.51	0.137	U	0.0345	0.00514	
5	PCB-120			ND		0.0221	0.00084	
5	PCB-121			ND		0.0221	0.00117	
5	PCB-122			ND		0.0221	0.00122	
5	PCB-123			ND		0.0221	0.00132	
5	PCB-126			ND		0.0221	0.00070	
5	PCB-127			ND		0.0221	0.00112	
6	PCB-128/166	43.10	1.33	0.0456		0.0443	0.00239	
6	PCB-129/138/163	41.79	1.26	0.774	U	0.0664	0.00498	
6	PCB-130	41.12	1.27	0.0328		0.0221	0.00122	
6	PCB-131			ND		0.0221	0.00146	
6	PCB-132	38.67	1.25	0.232	U	0.0221	0.00165	
6	PCB-133			ND		0.0221	0.00104	
6	PCB-134/143			ND		0.0443	0.00272	
6	PCB-135/151	36.41	1.24	0.545		0.0443	0.00298	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10716229003-R
Lab File ID: P250101A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 14:30
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 08:46
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.88	1.26	0.175	B	0.0221	0.00152	
6	PCB-137			ND		0.0221	0.00162	
6	PCB-139/140			ND		0.0443	0.00208	
6	PCB-141	40.70	1.22	0.184	U	0.0221	0.00196	
6	PCB-142			ND		0.0221	0.00136	
6	PCB-144	36.99	1.26	0.0554		0.0221	0.00089	
6	PCB-145			ND		0.0221	0.00101	
6	PCB-146	39.86	1.28	0.147		0.0221	0.00125	
6	PCB-147/149	37.38	1.27	1.00		0.0443	0.00380	
6	PCB-148			ND		0.0221	0.00103	
6	PCB-150			ND		0.0221	0.00105	
6	PCB-152			ND		0.0221	0.00084	
6	PCB-153/168	40.50	1.27	0.854		0.0443	0.00298	
6	PCB-154	36.68	1.23	0.0291		0.0221	0.00131	
6	PCB-155			ND		0.0221	0.00115	
6	PCB-156/157			ND		0.0443	0.00164	
6	PCB-158	42.21	1.28	0.0579		0.0221	0.00122	
6	PCB-159			ND		0.0221	0.00110	
6	PCB-160			ND		0.0221	0.00125	
6	PCB-161			ND		0.0221	0.00061	
6	PCB-162			ND		0.0221	0.00111	
6	PCB-164	41.47	1.25	0.0566		0.0221	0.00137	
6	PCB-165			ND		0.0221	0.00072	
6	PCB-167			ND		0.0221	0.00159	
6	PCB-169			ND		0.0221	0.00099	
7	PCB-170	48.77	1.09	0.210	U	0.0221	0.00142	
7	PCB-171/173	45.15	1.09	0.0764		0.0443	0.00183	
7	PCB-172	46.81	1.07	0.0458		0.0221	0.00442	
7	PCB-174	44.04	1.06	0.291	U	0.0221	0.00159	
7	PCB-175			ND		0.0221	0.00105	
7	PCB-176	40.36	1.04	0.0426		0.0221	0.00087	
7	PCB-177	44.51	1.04	0.176	U	0.0221	0.00182	
7	PCB-178	42.24	1.05	0.0763	U	0.0221	0.00116	
7	PCB-179	39.44	1.02	0.162	U	0.0221	0.00137	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10716229003-R
Lab File ID: P250101A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 14:30
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 08:46
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.48	1.08	0.548	U	0.0443	0.00403	
7	PCB-181			ND		0.0221	0.00146	
7	PCB-182			ND		0.0221	0.00121	
7	PCB-183/185	43.82	1.03	0.197	U	0.0443	0.00268	
7	PCB-184			ND		0.0221	0.00062	
7	PCB-186			ND		0.0221	0.00145	
7	PCB-187	43.18	1.03	0.366	U	0.0221	0.00164	
7	PCB-188			ND		0.0221	0.00070	
7	PCB-189			ND		0.0221	0.00111	
7	PCB-190	49.31	1.05	0.0478		0.0221	0.00154	
7	PCB-191			ND		0.0221	0.00142	
7	PCB-192			ND		0.0221	0.00143	
8	PCB-194	54.08	0.91	0.0971	U	0.0221	0.00114	
8	PCB-195	51.71	0.93	0.0467		0.0221	0.00146	
8	PCB-196	50.15	0.86	0.0578	U	0.0221	0.00109	
8	PCB-197/200			ND		0.0443	0.00185	
8	PCB-198/199	49.47	0.94	0.0957		0.0443	0.00192	
8	PCB-201			ND		0.0221	0.00056	
8	PCB-202	44.63	0.87	0.0261		0.0221	0.00118	
8	PCB-203	50.35	0.86	0.0678	U	0.0221	0.00099	
8	PCB-204			ND		0.0221	0.00114	
8	PCB-205			ND		0.0221	0.00137	
9	PCB-206	56.32	0.81	0.0247		0.0221	0.00196	
9	PCB-207			ND		0.0221	0.00132	
9	PCB-208			ND		0.0221	0.00117	
10	PCB-209			ND		0.0221	0.00693	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10716229003-R
Lab File ID: P250101A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 11/14/2024 14:30
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 08:46
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1810mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.0605	
Total DiCB	4.66	
Total TrCB	3.69	
Total TeCB	5.81	
Total PeCB	3.22	B
Total HxCB	4.19	B
Total HpCB	2.24	
Total OcCB	0.391	
Total NoCB	0.0247	
DeCB	ND	
Total PCBs	24.3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10716229004-R
Lab File ID: P250101A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 11/15/2024 12:45
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 09:49
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116206

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.23	3.10	2.00	0.507	25	
1	PCB-003L	13.07	3.18	2.00	0.637	32	
2	PCB-004L	13.39	1.57	2.00	0.671	34	
2	PCB-015L	20.55	1.61	2.00	0.880	44	
3	PCB-019L	17.25	1.05	2.00	0.730	36	
3	PCB-037L	28.38	1.07	2.00	0.981	49	
4	PCB-054L	20.88	0.80	2.00	0.723	36	
4	PCB-077L	36.16	0.82	2.00	1.10	55	
4	PCB-081L	35.57	0.80	2.00	1.12	56	
5	PCB-104L	27.05	1.54	2.00	0.949	47	
5	PCB-105L	39.78	1.63	2.00	1.08	54	
5	PCB-114L	39.12	1.63	2.00	1.09	54	
5	PCB-118L	38.57	1.61	2.00	1.11	56	
5	PCB-123L	38.22	1.60	2.00	1.11	56	
5	PCB-126L	42.98	1.64	2.00	0.858	43	
6	PCB-155L	33.14	1.25	2.00	1.21	61	
6	PCB-156/157L	46.07	1.29	4.00	2.10	52	
6	PCB-167L	44.88	1.31	2.00	1.11	56	
6	PCB-169L	49.37	1.27	2.00	0.797	40	
7	PCB-188L	39.09	1.05	2.00	2.00	100	
7	PCB-189L	51.94	1.08	2.00	1.35	68	
8	PCB-202L	44.61	0.89	2.00	1.81	90	
8	PCB-205L	54.55	0.92	2.00	1.20	60	
9	PCB-206L	56.30	0.82	2.00	1.23	61	
9	PCB-208L	51.42	0.80	2.00	1.53	76	
10	PCB-209L	57.96	0.69	2.00	1.29	64	
Recovery Standards							
2	PCB-009L	15.88	1.63	2.00	2.50	N/A	
4	PCB-052L	26.00	0.78	2.00	2.86	N/A	
5	PCB-101L	33.36	1.58	2.00	2.80	N/A	
6	PCB-138L	41.77	1.28	2.00	2.56	N/A	
8	PCB-194L	54.08	0.91	2.00	1.69	N/A	
Cleanup Standards							
3	PCB-028L	23.99	1.08	2.00	1.23	62	
5	PCB-111L	36.17	1.55	2.00	1.33	66	
7	PCB-178L	42.23	1.06	2.00	1.57	78	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10716229004-R
Lab File ID: P250101A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 11/15/2024 12:45
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 09:49
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001	10.25	3.07	0.0363		0.0224	0.00398	
1	PCB-002			ND		0.0224	0.00405	
1	PCB-003			ND		0.0224	0.00753	
2	PCB-004	13.40	1.55	5.09		0.0224	0.00507	
2	PCB-005			ND		0.0224	0.00541	
2	PCB-006	16.39	1.53	0.0333		0.0224	0.00275	
2	PCB-007			ND		0.0224	0.00262	
2	PCB-008	16.92	1.49	0.0381	U	0.0224	0.00536	
2	PCB-009			ND		0.0224	0.00106	
2	PCB-010	13.63	1.52	0.131		0.0224	0.00121	
2	PCB-011			ND		0.220	0.0584	
2	PCB-012/013			ND		0.0448	0.00294	
2	PCB-014			ND		0.0224	0.00103	
2	PCB-015	20.58	1.54	0.0922		0.0296	0.00578	
3	PCB-016	20.50	1.02	0.0393		0.0224	0.00326	
3	PCB-017	19.98	1.04	0.300		0.0224	0.00363	
3	PCB-018/030	19.49	1.04	0.215		0.0448	0.00594	
3	PCB-019	17.27	1.04	2.62		0.0224	0.00305	
3	PCB-020/028			ND		0.116	0.00674	
3	PCB-021/033			ND		0.121	0.00556	
3	PCB-022			ND		0.0852	0.00366	
3	PCB-023			ND		0.0224	0.00111	
3	PCB-024			ND		0.0224	0.00124	
3	PCB-025	23.34	1.01	0.0561		0.0224	0.00145	
3	PCB-026/029	23.06	1.08	0.0949		0.0448	0.00233	
3	PCB-027	20.22	1.05	0.269		0.0224	0.00100	
3	PCB-031			ND		0.117	0.00815	
3	PCB-032	21.11	1.05	0.153		0.0224	0.00272	
3	PCB-034			ND		0.0224	0.00109	
3	PCB-035			ND		0.0224	0.00111	
3	PCB-036			ND		0.0224	0.00105	
3	PCB-037			ND		0.0475	0.00271	
3	PCB-038			ND		0.0224	0.00110	
3	PCB-039			ND		0.0224	0.00141	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10716229004-R
Lab File ID: P250101A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 11/15/2024 12:45
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 09:49
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.23	0.78	0.133		0.0672	0.00461	
4	PCB-042	27.69	0.76	0.0453		0.0224	0.00244	
4	PCB-043/073			ND		0.0448	0.00221	
4	PCB-044/047/065	27.18	0.78	1.19		0.0672	0.00651	
4	PCB-045/051	24.19	0.77	0.792		0.0448	0.00336	
4	PCB-046	24.45	0.77	0.0370		0.0224	0.00151	
4	PCB-048			ND		0.0224	0.00178	
4	PCB-069/049	26.57	0.78	0.771		0.0448	0.00378	
4	PCB-050/053	23.36	0.78	0.758		0.0448	0.00193	
4	PCB-052	26.03	0.78	0.818		0.116	0.0136	
4	PCB-054	20.91	0.78	0.430		0.0224	0.00103	
4	PCB-055			ND		0.0224	0.00152	
4	PCB-056			ND		0.0224	0.00343	
4	PCB-057			ND		0.0224	0.00102	
4	PCB-058			ND		0.0224	0.00131	
4	PCB-059/062/075			ND		0.0672	0.00231	
4	PCB-060			ND		0.0224	0.00188	
4	PCB-061/070/074/076	31.21	0.74	0.104		0.0897	0.00809	
4	PCB-063			ND		0.0224	0.00088	
4	PCB-064	28.46	0.77	0.0389		0.0224	0.00221	
4	PCB-066	31.55	0.77	0.0678		0.0529	0.00421	
4	PCB-067			ND		0.0224	0.00123	
4	PCB-068			ND		0.0224	0.00112	
4	PCB-072			ND		0.0224	0.00079	
4	PCB-077			ND		0.0224	0.00136	
4	PCB-078			ND		0.0224	0.00114	
4	PCB-079			ND		0.0224	0.00079	
4	PCB-080			ND		0.0224	0.00111	
4	PCB-081			ND		0.0224	0.00075	
5	PCB-082			ND		0.0224	0.00136	
5	PCB-083			ND		0.0224	0.00117	
5	PCB-084	31.42	1.53	0.0903	U	0.0224	0.00234	
5	PCB-085/116/117			ND		0.0672	0.00310	
5	PCB-086/087/097/108/119/12	34.58	1.54	0.235		0.134	0.00593	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10716229004-R
Lab File ID: P250101A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 11/15/2024 12:45
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 09:49
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.19	1.59	0.177		0.0448	0.00180	
5	PCB-089			ND		0.0224	0.00128	
5	PCB-090/101/113	33.39	1.59	0.971		0.0672	0.00458	
5	PCB-092	32.77	1.58	0.182		0.0224	0.00097	
5	PCB-093/098/100/102	30.53	1.53	0.215		0.0897	0.00414	
5	PCB-094	29.80	1.54	0.0365		0.0224	0.00083	
5	PCB-095	30.26	1.56	0.903		0.0628	0.00629	
5	PCB-096	27.47	1.60	0.0225		0.0224	0.00084	
5	PCB-099	34.01	1.53	0.192	U	0.0224	0.00188	
5	PCB-103	29.57	1.59	0.0719		0.0224	0.00069	
5	PCB-104	27.07	1.60	0.0359		0.0224	0.00129	
5	PCB-105	39.81	1.61	0.0384	U	0.0224	0.00288	
5	PCB-106			ND		0.0224	0.00113	
5	PCB-107/124			ND		0.0448	0.00202	
5	PCB-109			ND		0.0224	0.00142	
5	PCB-110/115	35.46	1.55	0.534	U	0.0448	0.00511	
5	PCB-111			ND		0.0224	0.00088	
5	PCB-112			ND		0.0224	0.00139	
5	PCB-114			ND		0.0224	0.00114	
5	PCB-118	38.59	1.56	0.192	U	0.0350	0.00520	
5	PCB-120			ND		0.0224	0.00086	
5	PCB-121			ND		0.0224	0.00119	
5	PCB-122			ND		0.0224	0.00123	
5	PCB-123			ND		0.0224	0.00133	
5	PCB-126			ND		0.0224	0.00071	
5	PCB-127			ND		0.0224	0.00113	
6	PCB-128/166	43.11	1.27	0.0836		0.0448	0.00242	
6	PCB-129/138/163	41.81	1.27	1.71		0.0672	0.00504	
6	PCB-130	41.14	1.23	0.0588		0.0224	0.00123	
6	PCB-131			ND		0.0224	0.00148	
6	PCB-132	38.69	1.28	0.502		0.0224	0.00167	
6	PCB-133	39.21	1.22	0.0286		0.0224	0.00106	
6	PCB-134/143	37.60	1.31	0.0784		0.0448	0.00276	
6	PCB-135/151	36.42	1.26	0.923		0.0448	0.00301	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10716229004-R
Lab File ID: P250101A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 11/15/2024 12:45
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 09:49
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.90	1.27	0.317		0.0224	0.00154	
6	PCB-137			ND		0.0224	0.00164	
6	PCB-139/140			ND		0.0448	0.00211	
6	PCB-141	40.72	1.26	0.451		0.0224	0.00198	
6	PCB-142			ND		0.0224	0.00138	
6	PCB-144	37.01	1.26	0.120		0.0224	0.00090	
6	PCB-145			ND		0.0224	0.00103	
6	PCB-146	39.88	1.25	0.259		0.0224	0.00127	
6	PCB-147/149	37.38	1.26	1.83		0.0448	0.00384	
6	PCB-148			ND		0.0224	0.00105	
6	PCB-150			ND		0.0224	0.00106	
6	PCB-152			ND		0.0224	0.00085	
6	PCB-153/168	40.52	1.26	1.85		0.0448	0.00301	
6	PCB-154	36.68	1.22	0.0287		0.0224	0.00132	
6	PCB-155			ND		0.0224	0.00117	
6	PCB-156/157	46.07	1.26	0.0945		0.0448	0.00166	
6	PCB-158	42.21	1.25	0.133		0.0224	0.00123	
6	PCB-159	44.08	1.27	0.0367		0.0224	0.00111	
6	PCB-160			ND		0.0224	0.00127	
6	PCB-161			ND		0.0224	0.00062	
6	PCB-162			ND		0.0224	0.00112	
6	PCB-164	41.49	1.21	0.121		0.0224	0.00139	
6	PCB-165			ND		0.0224	0.00072	
6	PCB-167	44.90	1.30	0.0415		0.0224	0.00161	
6	PCB-169			ND		0.0224	0.00101	
7	PCB-170	48.79	1.08	0.626		0.0224	0.00143	
7	PCB-171/173	45.17	1.08	0.221		0.0448	0.00185	
7	PCB-172	46.81	1.06	0.121		0.0224	0.00447	
7	PCB-174	44.06	1.06	0.739		0.0224	0.00161	
7	PCB-175	42.91	1.01	0.0297		0.0224	0.00106	
7	PCB-176	40.38	1.09	0.107		0.0224	0.00088	
7	PCB-177	44.51	1.05	0.444		0.0224	0.00184	
7	PCB-178	42.26	1.04	0.158		0.0224	0.00118	
7	PCB-179	39.46	1.04	0.349		0.0224	0.00139	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10716229004-R
Lab File ID: P250101A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 11/15/2024 12:45
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 09:49
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.50	1.07	1.54		0.0448	0.00408	
7	PCB-181			ND		0.0224	0.00148	
7	PCB-182			ND		0.0224	0.00122	
7	PCB-183/185	43.84	1.05	0.525		0.0448	0.00271	
7	PCB-184			ND		0.0224	0.00063	
7	PCB-186			ND		0.0224	0.00147	
7	PCB-187	43.20	1.05	0.818		0.0224	0.00166	
7	PCB-188			ND		0.0224	0.00070	
7	PCB-189	51.96	0.97	0.0243		0.0224	0.00112	
7	PCB-190	49.32	1.04	0.126		0.0224	0.00156	
7	PCB-191	47.85	0.97	0.0285		0.0224	0.00143	
7	PCB-192			ND		0.0224	0.00145	
8	PCB-194	54.10	0.89	0.288		0.0224	0.00115	
8	PCB-195	51.73	0.86	0.128		0.0224	0.00148	
8	PCB-196	50.16	0.91	0.161		0.0224	0.00111	
8	PCB-197/200	46.61	0.90	0.0555		0.0448	0.00187	
8	PCB-198/199	49.49	0.88	0.230		0.0448	0.00194	
8	PCB-201	45.58	0.90	0.0430		0.0224	0.00057	
8	PCB-202	44.63	0.91	0.0561		0.0224	0.00120	
8	PCB-203	50.36	0.92	0.182		0.0224	0.00101	
8	PCB-204			ND		0.0224	0.00115	
8	PCB-205			ND		0.0224	0.00139	
9	PCB-206	56.32	0.70	0.0729		0.0224	0.00198	
9	PCB-207			ND		0.0224	0.00133	
9	PCB-208			ND		0.0224	0.00119	
10	PCB-209			ND		0.0224	0.00702	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10716229004-R
Lab File ID: P250101A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 11/15/2024 12:45
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 09:49
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	0.0363	
Total DiCB	5.39	
Total TrCB	3.75	
Total TeCB	5.18	
Total PeCB	3.90	
Total HxCB	8.67	
Total HpCB	5.85	
Total OcCB	1.14	
Total NoCB	0.0729	
DeCB	ND	
Total PCBs	34.0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10716229005-R
Lab File ID: P250101A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 11/15/2024 14:15
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 10:51
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116206

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.28	3.19	2.00	0.898	45	
1	PCB-003L	13.12	3.19	2.00	1.05	53	
2	PCB-004L	13.42	1.54	2.00	1.07	54	
2	PCB-015L	20.58	1.63	2.00	1.21	61	
3	PCB-019L	17.28	1.03	2.00	1.06	53	
3	PCB-037L	28.40	1.09	2.00	1.30	65	
4	PCB-054L	20.91	0.81	2.00	1.07	54	
4	PCB-077L	36.17	0.81	2.00	1.37	69	
4	PCB-081L	35.59	0.81	2.00	1.41	71	
5	PCB-104L	27.07	1.56	2.00	1.32	66	
5	PCB-105L	39.79	1.64	2.00	1.32	66	
5	PCB-114L	39.14	1.62	2.00	1.34	67	
5	PCB-118L	38.59	1.63	2.00	1.36	68	
5	PCB-123L	38.24	1.61	2.00	1.37	68	
5	PCB-126L	42.98	1.59	2.00	0.999	50	
6	PCB-155L	33.16	1.25	2.00	1.76	88	
6	PCB-156/157L	46.09	1.30	4.00	2.51	63	
6	PCB-167L	44.90	1.29	2.00	1.37	68	
6	PCB-169L	49.39	1.31	2.00	0.976	49	
7	PCB-188L	39.11	1.05	2.00	2.64	132	
7	PCB-189L	51.94	1.05	2.00	1.65	82	
8	PCB-202L	44.63	0.90	2.00	2.26	113	
8	PCB-205L	54.55	0.94	2.00	1.46	73	
9	PCB-206L	56.32	0.81	2.00	1.40	70	
9	PCB-208L	51.45	0.81	2.00	1.84	92	
10	PCB-209L	57.96	0.71	2.00	1.47	74	
Recovery Standards							
2	PCB-009L	15.90	1.62	2.00	2.46	N/A	
4	PCB-052L	26.02	0.79	2.00	2.67	N/A	
5	PCB-101L	33.37	1.60	2.00	2.63	N/A	
6	PCB-138L	41.79	1.30	2.00	2.28	N/A	
8	PCB-194L	54.08	0.92	2.00	1.49	N/A	
Cleanup Standards							
3	PCB-028L	24.01	1.07	2.00	1.39	69	
5	PCB-111L	36.19	1.57	2.00	1.46	73	
7	PCB-178L	42.24	1.05	2.00	1.75	88	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10716229005-R
Lab File ID: P250101A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 11/15/2024 14:15
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 10:51
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0214	0.00380	
1	PCB-002			ND		0.0214	0.00386	
1	PCB-003			ND		0.0214	0.00719	
2	PCB-004	13.45	1.56	5.34		0.0214	0.00484	
2	PCB-005			ND		0.0214	0.00517	
2	PCB-006			ND		0.0214	0.00262	
2	PCB-007			ND		0.0214	0.00251	
2	PCB-008			ND		0.0214	0.00512	
2	PCB-009			ND		0.0214	0.00101	
2	PCB-010	13.67	1.52	0.120		0.0214	0.00116	
2	PCB-011			ND		0.210	0.0558	
2	PCB-012/013			ND		0.0428	0.00280	
2	PCB-014			ND		0.0214	0.00098	
2	PCB-015	20.60	1.52	0.0881		0.0283	0.00552	
3	PCB-016	20.52	1.03	0.0781		0.0214	0.00312	
3	PCB-017	20.00	1.05	0.259		0.0214	0.00347	
3	PCB-018/030	19.51	1.05	0.297		0.0428	0.00567	
3	PCB-019	17.30	1.06	1.13		0.0214	0.00291	
3	PCB-020/028			ND		0.110	0.00643	
3	PCB-021/033			ND		0.116	0.00531	
3	PCB-022			ND		0.0814	0.00350	
3	PCB-023			ND		0.0214	0.00106	
3	PCB-024			ND		0.0214	0.00119	
3	PCB-025	23.36	1.03	0.0249		0.0214	0.00138	
3	PCB-026/029	23.08	1.02	0.0936		0.0428	0.00223	
3	PCB-027	20.24	1.04	0.207		0.0214	0.00095	
3	PCB-031			ND		0.111	0.00778	
3	PCB-032	21.14	1.05	0.101		0.0214	0.00260	
3	PCB-034			ND		0.0214	0.00104	
3	PCB-035			ND		0.0214	0.00106	
3	PCB-036			ND		0.0214	0.00099	
3	PCB-037			ND		0.0454	0.00259	
3	PCB-038			ND		0.0214	0.00105	
3	PCB-039			ND		0.0214	0.00135	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10716229005-R
Lab File ID: P250101A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 11/15/2024 14:15
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 10:51
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.23	0.80	0.0660		0.0642	0.00440	
4	PCB-042	27.70	0.77	0.0313		0.0214	0.00233	
4	PCB-043/073			ND		0.0428	0.00211	
4	PCB-044/047/065	27.15	0.79	0.300		0.0642	0.00622	
4	PCB-045/051	24.21	0.82	0.147		0.0428	0.00321	
4	PCB-046	24.47	0.81	0.0267		0.0214	0.00145	
4	PCB-048			ND		0.0214	0.00170	
4	PCB-069/049	26.59	0.77	0.253		0.0428	0.00361	
4	PCB-050/053	23.37	0.79	0.249		0.0428	0.00184	
4	PCB-052	26.05	0.79	0.622		0.110	0.0130	
4	PCB-054	20.94	0.80	0.0729		0.0214	0.00098	
4	PCB-055			ND		0.0214	0.00146	
4	PCB-056			ND		0.0214	0.00328	
4	PCB-057			ND		0.0214	0.00097	
4	PCB-058			ND		0.0214	0.00125	
4	PCB-059/062/075			ND		0.0642	0.00221	
4	PCB-060			ND		0.0214	0.00180	
4	PCB-061/070/074/076	31.22	0.81	0.0870		0.0856	0.00773	
4	PCB-063			ND		0.0214	0.00084	
4	PCB-064	28.48	0.78	0.0514		0.0214	0.00211	
4	PCB-066			ND		0.0505	0.00403	
4	PCB-067			ND		0.0214	0.00118	
4	PCB-068			ND		0.0214	0.00107	
4	PCB-072			ND		0.0214	0.00075	
4	PCB-077			ND		0.0214	0.00130	
4	PCB-078			ND		0.0214	0.00109	
4	PCB-079			ND		0.0214	0.00075	
4	PCB-080			ND		0.0214	0.00106	
4	PCB-081			ND		0.0214	0.00071	
5	PCB-082			ND		0.0214	0.00130	
5	PCB-083			ND		0.0214	0.00111	
5	PCB-084	31.44	1.60	0.0642	U	0.0214	0.00224	
5	PCB-085/116/117			ND		0.0642	0.00297	
5	PCB-086/087/097/108/119/12			ND		0.128	0.00566	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10716229005-R
Lab File ID: P250101A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 11/15/2024 14:15
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 10:51
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0428	0.00172	
5	PCB-089			ND		0.0214	0.00122	
5	PCB-090/101/113	33.40	1.51	0.225	U	0.0642	0.00438	
5	PCB-092	32.79	1.35	0.0331		0.0214	0.00092	
5	PCB-093/098/100/102			ND		0.0856	0.00395	
5	PCB-094			ND		0.0214	0.00079	
5	PCB-095	30.28	1.58	0.428	B	0.0599	0.00601	
5	PCB-096			ND		0.0214	0.00080	
5	PCB-099	34.02	1.43	0.0493	U	0.0214	0.00180	
5	PCB-103			ND		0.0214	0.00066	
5	PCB-104			ND		0.0214	0.00123	
5	PCB-105			ND		0.0214	0.00275	
5	PCB-106			ND		0.0214	0.00108	
5	PCB-107/124			ND		0.0428	0.00193	
5	PCB-109			ND		0.0214	0.00136	
5	PCB-110/115	35.48	1.61	0.144	U	0.0428	0.00488	
5	PCB-111			ND		0.0214	0.00084	
5	PCB-112			ND		0.0214	0.00133	
5	PCB-114			ND		0.0214	0.00109	
5	PCB-118	38.60	1.53	0.0400	U	0.0334	0.00497	
5	PCB-120			ND		0.0214	0.00082	
5	PCB-121			ND		0.0214	0.00113	
5	PCB-122			ND		0.0214	0.00118	
5	PCB-123			ND		0.0214	0.00127	
5	PCB-126			ND		0.0214	0.00068	
5	PCB-127			ND		0.0214	0.00108	
6	PCB-128/166			ND		0.0428	0.00231	
6	PCB-129/138/163	41.82	1.26	0.111	U	0.0642	0.00482	
6	PCB-130			ND		0.0214	0.00118	
6	PCB-131			ND		0.0214	0.00141	
6	PCB-132	38.70	1.30	0.0481	B U	0.0214	0.00160	
6	PCB-133			ND		0.0214	0.00101	
6	PCB-134/143			ND		0.0428	0.00263	
6	PCB-135/151	36.44	1.23	0.0972	U	0.0428	0.00288	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10716229005-R
Lab File ID: P250101A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 11/15/2024 14:15
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 10:51
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.92	1.24	0.0475	B U	0.0214	0.00147	
6	PCB-137			ND		0.0214	0.00156	
6	PCB-139/140			ND		0.0428	0.00201	
6	PCB-141	40.73	1.24	0.0293	U	0.0214	0.00189	
6	PCB-142			ND		0.0214	0.00132	
6	PCB-144			ND		0.0214	0.00086	
6	PCB-145			ND		0.0214	0.00098	
6	PCB-146			ND		0.0214	0.00121	
6	PCB-147/149	37.40	1.23	0.173	B U	0.0428	0.00367	
6	PCB-148			ND		0.0214	0.00099	
6	PCB-150			ND		0.0214	0.00101	
6	PCB-152			ND		0.0214	0.00081	
6	PCB-153/168	40.53	1.28	0.126	B U	0.0428	0.00288	
6	PCB-154			ND		0.0214	0.00126	
6	PCB-155			ND		0.0214	0.00111	
6	PCB-156/157			ND		0.0428	0.00158	
6	PCB-158			ND		0.0214	0.00118	
6	PCB-159			ND		0.0214	0.00106	
6	PCB-160			ND		0.0214	0.00121	
6	PCB-161			ND		0.0214	0.00059	
6	PCB-162			ND		0.0214	0.00107	
6	PCB-164			ND		0.0214	0.00133	
6	PCB-165			ND		0.0214	0.00069	
6	PCB-167			ND		0.0214	0.00154	
6	PCB-169			ND		0.0214	0.00096	
7	PCB-170			ND		0.0214	0.00137	
7	PCB-171/173			ND		0.0428	0.00177	
7	PCB-172			ND		0.0214	0.00427	
7	PCB-174	44.08	1.07	0.0307	U	0.0214	0.00154	
7	PCB-175			ND		0.0214	0.00102	
7	PCB-176			ND		0.0214	0.00084	
7	PCB-177			ND		0.0214	0.00176	
7	PCB-178			ND		0.0214	0.00112	
7	PCB-179			ND		0.0214	0.00133	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10716229005-R
Lab File ID: P250101A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 11/15/2024 14:15
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 10:51
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.51	1.02	0.0508	U	0.0428	0.00390	
7	PCB-181			ND		0.0214	0.00141	
7	PCB-182			ND		0.0214	0.00117	
7	PCB-183/185			ND		0.0428	0.00259	
7	PCB-184			ND		0.0214	0.00060	
7	PCB-186			ND		0.0214	0.00140	
7	PCB-187	43.20	1.13	0.0376	U	0.0214	0.00158	
7	PCB-188			ND		0.0214	0.00067	
7	PCB-189			ND		0.0214	0.00107	
7	PCB-190			ND		0.0214	0.00149	
7	PCB-191			ND		0.0214	0.00137	
7	PCB-192			ND		0.0214	0.00138	
8	PCB-194			ND		0.0214	0.00110	
8	PCB-195			ND		0.0214	0.00141	
8	PCB-196			ND		0.0214	0.00106	
8	PCB-197/200			ND		0.0428	0.00179	
8	PCB-198/199			ND		0.0428	0.00185	
8	PCB-201			ND		0.0214	0.00054	
8	PCB-202			ND		0.0214	0.00115	
8	PCB-203			ND		0.0214	0.00096	
8	PCB-204			ND		0.0214	0.00110	
8	PCB-205			ND		0.0214	0.00133	
9	PCB-206			ND		0.0214	0.00189	
9	PCB-207			ND		0.0214	0.00127	
9	PCB-208			ND		0.0214	0.00113	
10	PCB-209			ND		0.0214	0.00670	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10716229005-R
Lab File ID: P250101A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 11/15/2024 14:15
Date Received: 11/19/2024 09:00
Date Extracted: 12/26/2024 14:00
Date Analyzed: 01/01/2025 10:51
Method Blank ID: BLANK-116204
Lab Spike ID(s): LCS-116205/LCSD-116

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1870mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: AH5
Instrument ID: 10MSHR09 (P)
GC Column ID: 286729-03
Ical ID: P250101A02
CCal File(s): P250101A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	5.55	
Total TrCB	2.19	
Total TeCB	1.91	
Total PeCB	0.984	B
Total HxCB	0.632	B
Total HpCB	0.119	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	11.4	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

General Electric Company

Data Validation Report

Baseline Surface Water Monitoring
Housatonic River – Rest of River
Pittsfield, Massachusetts

Polychlorinated Biphenyl (PCB) Congeners and Total Suspended Solids (TSS) Analyses

SDGs # 10718585, 10718624, 10719281, and 10719470

Tier I Level Data Review

Analyses Performed By:
Pace Analytical Services, Inc,
Minneapolis, Minnesota
And
Pace Analytical Services, Melville, New York

Report # 59369R
Project: 30299972.3000

Table of Contents

1 Summary 1
1.1 Analytical Data Package Documentation 2
1.2 Data Validation Procedures 2
2 Polychlorinated Biphenyl Congener Analyses 5
2.1 Holding Times 5
2.2 Blank Contamination 5
2.3 Field Duplicate Analysis 6
2.4 Compound Identification 9
2.5 Data Validation Checklist for PCB Congeners 9
3 General Chemistry Analyses 10
3.1 Holding Times 10
3.2 Field Duplicate Analysis 10
3.3 Data Validation Checklist for General Chemistry 10
4 Overall Data Usability 11

Tables

Table 1. Summary of Samples Subjected to Tier I Data Validation 1
Table 2. Evaluation of Data Package Completeness 2
Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation 4
Table 4. Holding Time for USEPA Method 1668C 5
Table 5. Summary of Blank Contamination Qualifications 5
Table 6. Summary of Field Duplicate Analysis 6
Table 7. Data Validation Checklist for Polychlorinated Biphenyls 9
Table 8. Specified Holding Time 10
Table 9. Summary of Field Duplicate Analysis 10
Table 10. Data Validation Checklist for General Chemistry 10
Table 11. Overall Summary of Data Usability 11

Appendices

Appendix A Chain of Custody
Appendix B Annotated Sample Analysis Data Sheets

1 Summary

This attachment summarizes the data validation review of Sample Delivery Groups (SDGs) 10718585, 10718624, 10719281, and 10719470 performed on behalf of the General Electric Company (GE) for surface water sampling activities conducted as part of the Baseline Monitoring at the GE-Pittsfield/Housatonic River Site. The review was conducted at a Tier I level and included review of data package completeness. Field documentation was not included in this review. Included with this assessment are the chain-of-custody forms (Appendix A) and the validation annotated sample analysis data sheets (Appendix B). Analyses were performed on the samples listed in Table 1.

Table 1. Summary of Samples Subjected to Tier I Data Validation

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
10718585	Derby Dam	10718585001	Water	12/09/2024			X
	Stevenson Dam	10718585002	Water	12/09/2024			X
	Shepaug Dam	10718585003	Water	12/09/2024			X
	Rt.202 Bridge	10718585004	Water	12/10/2024			X
	Rt.341 Bridge	10718585005	Water	12/10/2024			X
	Canaan Town Line Bridge	10718585006	Water	12/11/2024			X
	Falls Village Dam	10718585007	Water	12/11/2024			X
	Rannapo Rd. Bridge	10718585008	Water	12/11/2024			X
10718624	Derby Dam	10718624001	Water	12/09/2024		X	
	Stevenson Dam	10718624002	Water	12/09/2024		X	
	Shepaug Dam	10718624003	Water	12/09/2024		X	
	Rt. 202 Bridge	10718624004	Water	12/10/2024		X	
10719281	Rising Pond Dam	10719281001	Water	12/13/2024			X
	HR-D1	10719281002	Water	12/13/2024	Rising Pond Dam		X
	Old Pleasant Street Bridge	10719281003	Water	12/13/2024			X
	Woods Pond Dam	10719281004	Water	12/16/2024			X
	New Lenox Rd Bridge	10719281005	Water	12/16/2024			X
	Near Pittsfield WWTP	10719281006	Water	12/16/2024			X
	Pomeroy Avenue Bridge	10719281007	Water	12/17/2024			X
10719470	Rt. 341 Bridge	10719470001	Water	12/10/2024		X	
	Canaan Town Line Bridge	10719470002	Water	12/11/2024		X	
	Falls Village Dam	10719470003	Water	12/11/2024		X	
	Rannapo Rd Bridge	10719470004	Water	12/11/2024		X	
	Rising Pond Dam	10719470005	Water	12/13/2024		X	
	HR-D1	10719470006	Water	12/13/2024	Rising Pond Dam	X	
	Old Pleasant Street Bridge	10719470007	Water	12/13/2024		X	
	Woods Pond Dam	10719470008	Water	12/16/2024		X	
	New Lenox Rd Bridge	10719470009	Water	12/16/2024		X	

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
	Near Pittsfield WWTP	10719470011	Water	12/16/2024		X	
	Pomeroy Avenue Bridge	10719470012	Water	12/17/2024		X	
	HR-EB1	10719470013	Water	12/10/2024		X	

Notes:
PCB = Polychlorinated Biphenyl Congeners
TSS = Total suspended solids

1.1 Analytical Data Package Documentation

The table below is the evaluation of the data package completeness.

Table 2. Evaluation of Data Package Completeness

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

Note:
QA = Quality Assurance

1.2 Data Validation Procedures

Analyses were performed according to United States Environmental Protection Agency (EPA) SW-846 Method 1668C, and Standard Method 2540D. Data were reviewed in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan – GE-Pittsfield/Housatonic River Site (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, prepared by Arcadis (Revised December 21, 2023);
- EPA Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (July 1996, revised December 1996) (EPA Region I Guidelines);

- EPA National Functional Guidelines for High Resolution Superfund Methods Data Review OLEM 9240.1-65EPA, 542-R-20-007 (November 2020); and
- Second Revised Baseline Monitoring Plan, Housatonic River – Rest of River, General Electric Company, Pittsfield, Massachusetts, prepared by Anchor QEA (January 2023).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers:
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers:
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
  - JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
  - UB Compound considered non-detect at the listed value due to associated blank contamination.
  - N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
  - R The sample results are rejected.

Two facts should be noted by all data users. First, the “R” flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. “R” values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Section 7.5 of the revised FSP/QAPP states that all analytical data will be validated to a Tier I level following the procedures presented in the EPA Region I Guidelines. The Tier I review consisted of a completeness evidence

audit, as outlined in the EPA Region I CSF Completeness Evidence Audit Program (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the EPA Region I Tier I data completeness requirements.

Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the number of sample analyses subject to Tier I data review is presented in the following table.

Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	14	1	1	0	0	0	16
TSS	14	1	0	0	0	0	15

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in EPA Region I Guidelines. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. The annotated sample analysis data sheets attached to this validation report (Appendix B) reflect any added data qualifiers.

2 Polychlorinated Biphenyl Congener Analyses

2.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 4. Holding Time for USEPA Method 1668C

Method	Matrix	Holding Time	Preservation
SW-846 USEPA Method 1668C	Water	One year from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria.

2.2 Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

All compounds associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the compounds listed in the following table. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Table 5. Summary of Blank Contamination Qualifications

SDG	Sample Locations	Compounds	Blank	Sample Result	Qualification
10719470	Falls Village Dam Rannapo Rd Bridge Pomeroy Avenue Bridge	PCB-095	Equipment blank (HR-EB1)	Detected sample results >RL and <BAL	“U” at detected sample concentration
	Rt. 341 Bridge Falls Village Dam Pomeroy Avenue Bridge	PCB-110/115			
	Rt. 341 Bridge Pomeroy Avenue Bridge	PCB-147/149			
10718624	Derby Dam Stevenson Dam Shepaug Dam Rt. 202 Bridge	PCB-004			
	Shepaug Dam	PCB-095			

SDG	Sample Locations	Compounds	Blank	Sample Result	Qualification
	Shepaug Dam	PCB-110/115			
	Shepaug Dam Rt. 202 Bridge	PCB-147/149			

Note:
RL = Reporting limit

2.3 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In an instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 6. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Compounds	Sample Result (ng/L)	Duplicate Result (ng/L)	RPD
Rising Pond Dam / HR-D1	PCB-004	0.981	1.08	9.6%
	PCB-010	0.0450	0.0432	AC
	PCB-015	0.0888	0.0931	AC
	PCB-016	0.0220	0.0240	AC
	PCB-017	0.179	0.186	3.8%
	PCB-018/030	0.158	0.168	AC
	PCB-019	1.26	1.22	3.2%
	PCB-020/028	0.151	0.158	AC
	PCB-025	0.0931	0.0940	AC
	PCB-026/029	0.0959	0.104	AC
	PCB-027	0.197	0.195	1.0%
	PCB-032	0.134	0.148	9.9%
	PCB-040/041/071	0.406	0.405	0.2%
	PCB-042	0.162	0.163	0.6%
	PCB-043/073	0.102	0.101	AC
	PCB-044/047/065	3.42	3.44	0.6%
	PCB-045/051	1.31	1.35	3.0%
	PCB-046	0.0924	0.0947	AC
	PCB-069/049	1.82	1.84	1.1%
	PCB-050/053	1.58	1.55	1.9%
	PCB-052	1.31	1.32	0.8%
	PCB-054	0.523	0.511	2.3%
	PCB-056	0.0216 U	0.0227	AC
	PCB-059/062/075	0.0696	0.0670	AC
	PCB-061/070/074/076	0.231	0.242	AC
	PCB-063	0.0219	0.0219	AC

Sample ID/Duplicate ID	Compounds	Sample Result (ng/L)	Duplicate Result (ng/L)	RPD
	PCB-064	0.0613	0.0640	AC
	PCB-066	0.275	0.282	2.5%
	PCB-068	0.0595	0.0641	AC
	PCB-072	0.0384	0.0374	AC
	PCB-082	0.0544	0.0568	AC
	PCB-083	0.0778	0.0884	AC
	PCB-084	0.193	0.202	4.6%
	PCB-085/116/117	0.207	0.226	AC
	PCB-086/087/097/108/119/12	0.684	0.727	6.1%
	PCB-088/091	0.798	0.837	4.8%
	PCB-090/101/113	2.22	2.36	6.1%
	PCB-092	0.743	0.795	6.8%
	PCB-093/098/100/102	0.642	0.667	3.8%
	PCB-094	0.152	0.164	7.6%
	PCB-095	1.72	1.82	5.6%
	PCB-096	0.0911	0.0947	AC
	PCB-099	0.993	1.06	6.5%
	PCB-103	0.253	0.264	4.3%
	PCB-104	0.0653	0.0686	AC
	PCB-105	0.157	0.168	6.8%
	PCB-109	0.0685	0.0763	AC
	PCB-110/115	1.34	1.43	6.5%
	PCB-118	0.677	0.706	4.2%
	PCB-120	0.0242	0.0254	AC
	PCB-128/166	0.290	0.339	15.6%
	PCB-129/138/163	4.31	5.04	15.6%
	PCB-130	0.212	0.241	12.8%
	PCB-131	0.0252	0.0298	AC
	PCB-132	1.15	1.33	14.5%
	PCB-133	0.122	0.142	15.2%
	PCB-134/143	0.201	0.239	AC
	PCB-135/151	2.37	2.77	15.6%
	PCB-136	0.709	0.826	15.2%
	PCB-137	0.0583	0.0920	AC
	PCB-139/140	0.0505	0.0576	AC
	PCB-141	0.824	0.984	17.7%
	PCB-144	0.218	0.268	20.6%
	PCB-146	0.789	0.910	14.2%
	PCB-147/149	4.40	5.13	15.3%
	PCB-148	0.0408	0.0470	AC
	PCB-150	0.0446	0.0503	AC
	PCB-152	0.0369	0.0432	AC

Sample ID/Duplicate ID	Compounds	Sample Result (ng/L)	Duplicate Result (ng/L)	RPD
	PCB-153/168	4.68	5.54	16.8%
	PCB-154	0.138	0.158	13.5%
	PCB-156/157	0.222	0.275	21.3%
	PCB-158	0.263	0.320	19.6%
	PCB-159	0.0486	0.0523	AC
	PCB-164	0.298	0.331	10.5%
	PCB-167	0.132	0.159	18.6%
	PCB-170	1.52	1.96	25.3%
	PCB-171/173	0.491	0.638	26.0%
	PCB-172	0.316	0.419	28.0%
	PCB-174	1.83	2.31	23.2%
	PCB-175	0.0738	0.0988	AC
	PCB-176	0.249	0.319	24.6%
	PCB-177	1.18	1.51	24.5%
	PCB-178	0.501	0.648	25.6%
	PCB-179	0.912	1.17	24.8%
	PCB-180/193	3.65	4.91	29.4%
	PCB-183/185	1.23	1.69	31.5%
	PCB-187	2.51	3.28	26.6%
	PCB-189	0.0685	0.0933	AC
	PCB-190	0.350	0.459	26.9%
	PCB-191	0.0626	0.0842	AC
	PCB-194	0.864	1.19	31.7%
	PCB-195	0.430	0.553	25.0%
	PCB-196	0.484	0.652	29.6%
	PCB-197/200	0.183	0.232	AC
	PCB-198/199	0.993	1.24	22.1%
	PCB-201	0.124	0.168	30.1%
	PCB-202	0.182	0.242	28.3%
	PCB-203	0.663	0.900	30.3%
	PCB-205	0.0527	0.0716	AC
	PCB-206	0.240	0.307	24.5%
	PCB-207	0.0344	0.0401	AC
	PCB-208	0.0499	0.0568	AC
	PCB-209	0.0221	0.0209 U	AC

Note:
AC = Acceptable

The compounds PCB-183/185, PCB-194, PCB-201 and PCB-203 associated with sample locations Rising Pond Dam and HR-D1 exhibited a field duplicate RPD greater than the control limit. The associated sample results from sample locations for the listed analyte were qualified as estimated.

2.4 Compound Identification

PCB congeners by 1668C are identified by using the compound's ion abundance ratios, signal-to-noise values, and relative retention times.

An EMPC or "estimated maximum possible concentration" designation is given to compounds which have signals eluting within the established retention time window which would, if positively identified, be above the detection limit. The signals do not, however, meet the ion abundance ratio criteria and cannot be identified as the compound of interest. The EMPC value is the estimated concentration of the interferant quantitated "as the compound of interest". This value should be considered an elevated detection limit based on potential compound identification and quantitation interference. If the EMPC value is above the reporting limit, the qualifier UX has been added to the sample results to indicate the elevated detection limit as EMPC. If the EMPC value is below the reporting limit, the compound is reported as non-detect at the reporting limit and no qualification is added.

2.5 Data Validation Checklist for PCB Congeners

Table 7. Data Validation Checklist for Polychlorinated Biphenyls

PCB Congeners; EPA1668C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
HIGH RESOLUTION GAS CHROMATOGRAPHY/HIGH RESOLUTION MASS SPECTROMETRY (HRGC/HRMS)					
Tier I Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks		X	X		
Field/Lab Duplicate (RPD)		X	X		
Dilution Factor		X		X	
Moisture Content	X				X
Ion abundance criteria for each instrument used		X	X		
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%RPD = Relative percent difference
%R = Percent recovery

When the laboratory case narrative outlines a quality issue and/or the laboratory applies qualifiers that exhibit potential QC issues beyond Tier I it will be added to the checklist above and the usability of the data will be addressed.

3 General Chemistry Analyses

3.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 8. Specified Holding Time

Method	Matrix	Holding Time	Preservation
Total Suspended Solids (TSS) by SM2540D	Water	7 days from collection to analysis	Cool to <6 °C.

All samples were analyzed within the specified holding time criteria.

3.2 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 9. Summary of Field Duplicate Analysis

SDG	Sample ID/Duplicate ID	Analyte	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD
10719281	RISING POND DAM /HR-D1	TSS	15.1	13.0	14.9%

Note:
AC = Acceptable

3.3 Data Validation Checklist for General Chemistry

Table 10. Data Validation Checklist for General Chemistry

General Chemistry: SM2540D	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Miscellaneous Instrumentation					
Tier I Validation					
Holding Times		X		X	
Reporting limits (units)		X		X	
Field/Lab Duplicate (RPD)		X		X	
Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%R = Percent recovery
RPD = Relative percent difference

4 Overall Data Usability

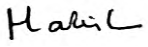
This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under Tier I data validation review. The percent usability calculation also includes quality control samples (i.e., field/equipment blanks, trip blanks, and field duplicates) to aid in the evaluation of data usability. Data usability is summarized in the following table.

Table 11. Overall Summary of Data Usability

Parameter	Percent Usability	Rejected Data
PCBs	100%	0
TSS	100%	0

The data package completeness, as determined from the Tier I data review was used to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses (discussed in this report) to provide a measure of compliance of the analytical data with the Data Quality Objectives specified in the FSP/QAPP.

VALIDATION PERFORMED BY: Hareesha Naik

SIGNATURE: 

DATE: May 30, 2025

PEER REVIEW: Andrew Korycinski

DATE: May 30, 2025

Appendix A

Chain of Custody

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 70327551

70327551

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30224932.3000	Invoice to: Arcadis U.S., Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accountspayable.administration@Arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET	County / State origin of sample(s): Pittsfield, MA
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other
	Date Results Requested:
	DW PWSID # or WW Permit # as applicable:
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TSS Low Level * SM2540D
Derby Dam	WT				12/9/24	13:40	1			X
Stevenson Dam	WT				12/9/24	16:40	1			X
Shepaug Dam	WT				12/9/24	15:20	1			X
Rt. 202 Bridge	WT				12/10/24	13:30	1			X
Rt. 341 Bridge	WT				12/10/24	15:15	1			X
Canaan Town Line Bridge	WT				12/11/24	12:15	1			X
Falls Village Dam	WT				12/11/24	13:05	1			X
Bannapo Rd Bridge	WT				12/11/24	14:45	1			X

Specify Container Size **: 1

Identify Container Preservative Type***: 1

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr:

AcctNum / Client ID:

Table #:

Profile / Template:

Prelog / Bottle Ord. ID: 45643

Sample Comment

Preservation non-conformance identified for sample

Additional Instructions from Pace®: Short Hold Time Refer to Lontrack

Collected By: Penelope T. Rabasco

Printed Name

Signature: Penelope T Rabasco

Customer Remarks / Special Conditions / Possible Hazards: * Please use entire sample for analysis.

# Coolers	Type of Ice (1)	Thermometer ID	Correction Factor (°C)	Cooler Temp (°C)	Corrected Temp (°C)	Ice
1		7A211	0.0	2.3	2.3	(1)

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Rabasco/Arcadis	12/11/24 17:30	Fed Ex	12/12/24, 9:50
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Appendix B

Annotated Sample Analysis Data Sheets

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10718585

Sample: Derby Dam **Lab ID: 10718585001** Collected: 12/09/24 13:40 Received: 12/12/24 09:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		12/16/24 15:38		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10718585

Sample: Stevenson Dam **Lab ID: 10718585002** Collected: 12/09/24 16:40 Received: 12/12/24 09:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		12/16/24 15:38		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10718585

Sample: Shepaug Dam **Lab ID: 10718585003** Collected: 12/09/24 15:20 Received: 12/12/24 09:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**4.1**	mg/L	2.5	1		12/16/24 15:38		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10718585

Sample: Rt.202 Bridge **Lab ID: 10718585004** Collected: 12/10/24 13:30 Received: 12/12/24 09:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		12/16/24 15:38		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10718585

Sample: Rt.341 Bridge **Lab ID: 10718585005** Collected: 12/10/24 15:15 Received: 12/12/24 09:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		12/16/24 15:38		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10718585

Sample: Canaan Town Line Bridge **Lab ID: 10718585006** Collected: 12/11/24 12:15 Received: 12/12/24 09:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		12/16/24 15:38		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10718585

Sample: Falls Village Dam **Lab ID: 10718585007** Collected: 12/11/24 13:05 Received: 12/12/24 09:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		12/16/24 15:38		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River-Revised Report
Pace Project No.: 10718585

Sample: Rannapo Rd.Bridge **Lab ID: 10718585008** Collected: 12/11/24 14:45 Received: 12/12/24 09:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**3.2**	mg/L	2.5	1		12/16/24 15:38		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Report No.: 10718624_1668C_L2_dft

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 10718624

10718624

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30224932.3000	Invoice to: Arcadis U.S., Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accountsPayable.administration@arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [✓] ET	County / State origin of sample(s): Pittsfield, MA
Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other	DW PWSID # or WW Permit # as applicable:
Date Results Requested:	Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	PCB 1668	Sample Comment
Derby Dam	WT				12/9/24	13:40	4			X	001
Stevenson Dam	WT				12/9/24	16:40	4			X	002
Shepaug Dam	WT				12/9/24	15:20	4			X	003
Rt. 202 Bridge	WT				12/10/24	13:30	4			X	004

Specify Container Size **: 1

Identify Container Preservative Type***: 1

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 45643

Preservation non-conformance identified for sample.

Additional Instructions from Pace® :

Collected By: Printed Name: Penelope T. Rabasco Signature: Penely T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: Refer to Contract

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C):	Corrected Temp. (°C):	[ ] On Ice
2	T4	-0.2	5.7, 3.2	5.5, 3.0	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penely T. Rabasco / Arcadis	12/11/24 17:30	Conw/Pace	12/12/24 8:50
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

Page 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10718624001-R
Lab File ID: P250324A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 13:40
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 20:05
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118086

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1880mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.41	2.97	2.00	0.941	47	
1	PCB-003L	13.21	3.03	2.00	1.17	59	
2	PCB-004L	13.52	1.60	2.00	0.952	48	
2	PCB-015L	20.64	1.54	2.00	1.42	71	
3	PCB-019L	17.37	1.04	2.00	1.07	54	
3	PCB-037L	28.45	1.02	2.00	1.73	86	
4	PCB-054L	20.99	0.80	2.00	1.14	57	
4	PCB-077L	36.20	0.80	2.00	1.55	77	
4	PCB-081L	35.62	0.77	2.00	1.64	82	
5	PCB-104L	27.15	1.57	2.00	0.951	48	
5	PCB-105L	39.85	1.52	2.00	1.74	87	
5	PCB-114L	39.20	1.57	2.00	1.76	88	
5	PCB-118L	38.63	1.50	2.00	1.73	87	
5	PCB-123L	38.29	1.57	2.00	1.72	86	
5	PCB-126L	43.03	1.60	2.00	1.69	84	
6	PCB-155L	33.23	1.27	2.00	1.36	68	
6	PCB-156/157L	46.13	1.25	4.00	3.43	86	
6	PCB-167L	44.95	1.23	2.00	1.75	88	
6	PCB-169L	49.43	1.25	2.00	1.60	80	
7	PCB-188L	39.18	1.06	2.00	1.71	85	
7	PCB-189L	52.01	1.04	2.00	1.83	91	
8	PCB-202L	44.69	0.92	2.00	1.47	73	
8	PCB-205L	54.63	0.90	2.00	1.57	79	
9	PCB-206L	56.41	0.81	2.00	1.36	68	
9	PCB-208L	51.52	0.81	2.00	1.68	84	
10	PCB-209L	58.05	0.73	2.00	1.18	59	
Recovery Standards							
2	PCB-009L	16.00	1.51	2.00	2.28	N/A	
4	PCB-052L	26.08	0.78	2.00	2.60	N/A	
5	PCB-101L	33.44	1.60	2.00	2.62	N/A	
6	PCB-138L	41.85	1.24	2.00	2.69	N/A	
8	PCB-194L	54.16	0.90	2.00	2.30	N/A	
Cleanup Standards							
3	PCB-028L	24.08	1.02	2.00	1.64	82	
5	PCB-111L	36.25	1.60	2.00	1.56	78	
7	PCB-178L	42.31	1.08	2.00	1.49	74	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10718624001-R
Lab File ID: P250324A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 13:40
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 20:05
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1880mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0213	0.00564	
1	PCB-002			ND		0.0213	0.00404	
1	PCB-003			ND		0.0213	0.00714	
2	PCB-004	13.55	1.39	0.0243	U	0.0213	0.00660	
2	PCB-005			ND		0.0213	0.00514	
2	PCB-006			ND		0.0213	0.00319	
2	PCB-007			ND		0.0213	0.00269	
2	PCB-008			ND		0.0213	0.00936	
2	PCB-009			ND		0.0213	0.00298	
2	PCB-010			ND		0.0213	0.00344	
2	PCB-011			ND		0.209	0.0817	
2	PCB-012/013			ND		0.0426	0.00511	
2	PCB-014			ND		0.0213	0.00299	
2	PCB-015			ND		0.0281	0.00553	
3	PCB-016			ND		0.0213	0.00521	
3	PCB-017			ND		0.0213	0.00489	
3	PCB-018/030			ND		0.0426	0.0106	
3	PCB-019			ND		0.0213	0.00421	
3	PCB-020/028			ND		0.110	0.0159	
3	PCB-021/033			ND		0.115	0.0160	
3	PCB-022			ND		0.0809	0.0128	
3	PCB-023			ND		0.0213	0.00234	
3	PCB-024			ND		0.0213	0.00301	
3	PCB-025			ND		0.0213	0.00325	
3	PCB-026/029			ND		0.0426	0.00526	
3	PCB-027			ND		0.0213	0.00336	
3	PCB-031			ND		0.111	0.0215	
3	PCB-032			ND		0.0213	0.00341	
3	PCB-034			ND		0.0213	0.00325	
3	PCB-035			ND		0.0213	0.00298	
3	PCB-036			ND		0.0213	0.00296	
3	PCB-037			ND		0.0451	0.00646	
3	PCB-038			ND		0.0213	0.00298	
3	PCB-039			ND		0.0213	0.00270	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10718624001-R
Lab File ID: P250324A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 13:40
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 20:05
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1880mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0638	0.0115	
4	PCB-042			ND		0.0213	0.00402	
4	PCB-043/073			ND		0.0426	0.00710	
4	PCB-044/047/065			ND		0.0638	0.0133	
4	PCB-045/051			ND		0.0426	0.00628	
4	PCB-046			ND		0.0213	0.00326	
4	PCB-048			ND		0.0213	0.00375	
4	PCB-069/049			ND		0.0426	0.00968	
4	PCB-050/053			ND		0.0426	0.00578	
4	PCB-052			ND		0.110	0.0298	
4	PCB-054			ND		0.0213	0.00409	
4	PCB-055			ND		0.0213	0.00341	
4	PCB-056			ND		0.0213	0.00447	
4	PCB-057			ND		0.0213	0.00290	
4	PCB-058			ND		0.0213	0.00404	
4	PCB-059/062/075			ND		0.0638	0.00944	
4	PCB-060			ND		0.0213	0.00337	
4	PCB-061/070/074/076			ND		0.0851	0.0181	
4	PCB-063			ND		0.0213	0.00316	
4	PCB-064			ND		0.0213	0.00511	
4	PCB-066			ND		0.0502	0.00809	
4	PCB-067			ND		0.0213	0.00282	
4	PCB-068			ND		0.0213	0.00285	
4	PCB-072			ND		0.0213	0.00268	
4	PCB-077			ND		0.0213	0.00289	
4	PCB-078			ND		0.0213	0.00337	
4	PCB-079			ND		0.0213	0.00330	
4	PCB-080			ND		0.0213	0.00298	
4	PCB-081			ND		0.0213	0.00266	
5	PCB-082			ND		0.0213	0.00480	
5	PCB-083			ND		0.0213	0.00484	
5	PCB-084			ND		0.0213	0.00543	
5	PCB-085/116/117			ND		0.0638	0.0118	
5	PCB-086/087/097/108/119/12			ND		0.128	0.0262	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10718624001-R
Lab File ID: P250324A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 13:40
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 20:05
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1880mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0426	0.00873	
5	PCB-089			ND		0.0213	0.00383	
5	PCB-090/101/113			ND		0.0638	0.0213	
5	PCB-092			ND		0.0213	0.00447	
5	PCB-093/098/100/102			ND		0.0851	0.0167	
5	PCB-094			ND		0.0213	0.00393	
5	PCB-095			ND		0.0596	0.0194	
5	PCB-096			ND		0.0213	0.00468	
5	PCB-099			ND		0.0213	0.00798	
5	PCB-103			ND		0.0213	0.00448	
5	PCB-104			ND		0.0213	0.00511	
5	PCB-105			ND		0.0213	0.00387	
5	PCB-106			ND		0.0213	0.00314	
5	PCB-107/124			ND		0.0426	0.00566	
5	PCB-109			ND		0.0213	0.00267	
5	PCB-110/115			ND		0.0426	0.0160	
5	PCB-111			ND		0.0213	0.00388	
5	PCB-112			ND		0.0213	0.00459	
5	PCB-114			ND		0.0213	0.00270	
5	PCB-118			ND		0.0332	0.00787	
5	PCB-120			ND		0.0213	0.00482	
5	PCB-121			ND		0.0213	0.00395	
5	PCB-122			ND		0.0213	0.00341	
5	PCB-123			ND		0.0213	0.00337	
5	PCB-126			ND		0.0213	0.00342	
5	PCB-127			ND		0.0213	0.00229	
6	PCB-128/166			ND		0.0426	0.00677	
6	PCB-129/138/163			ND		0.0638	0.0118	
6	PCB-130			ND		0.0213	0.00392	
6	PCB-131			ND		0.0213	0.00389	
6	PCB-132			ND		0.0213	0.00480	
6	PCB-133			ND		0.0213	0.00400	
6	PCB-134/143			ND		0.0426	0.00765	
6	PCB-135/151			ND		0.0426	0.0105	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10718624001-R
Lab File ID: P250324A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 13:40
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 20:05
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1880mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.0213	0.00574	
6	PCB-137			ND		0.0213	0.00428	
6	PCB-139/140			ND		0.0426	0.00612	
6	PCB-141			ND		0.0213	0.00500	
6	PCB-142			ND		0.0213	0.00312	
6	PCB-144			ND		0.0213	0.00571	
6	PCB-145			ND		0.0213	0.00471	
6	PCB-146			ND		0.0213	0.00394	
6	PCB-147/149			ND		0.0426	0.0126	
6	PCB-148			ND		0.0213	0.00479	
6	PCB-150			ND		0.0213	0.00455	
6	PCB-152			ND		0.0213	0.00470	
6	PCB-153/168			ND		0.0426	0.0114	
6	PCB-154			ND		0.0213	0.00439	
6	PCB-155			ND		0.0213	0.00562	
6	PCB-156/157			ND		0.0426	0.00568	
6	PCB-158			ND		0.0213	0.00330	
6	PCB-159			ND		0.0213	0.00327	
6	PCB-160			ND		0.0213	0.00310	
6	PCB-161			ND		0.0213	0.00404	
6	PCB-162			ND		0.0213	0.00328	
6	PCB-164			ND		0.0213	0.00341	
6	PCB-165			ND		0.0213	0.00331	
6	PCB-167			ND		0.0213	0.00315	
6	PCB-169			ND		0.0213	0.00313	
7	PCB-170			ND		0.0213	0.00447	
7	PCB-171/173			ND		0.0426	0.00695	
7	PCB-172			ND		0.0213	0.00427	
7	PCB-174			ND		0.0213	0.00519	
7	PCB-175			ND		0.0213	0.00418	
7	PCB-176			ND		0.0213	0.00451	
7	PCB-177			ND		0.0213	0.00431	
7	PCB-178			ND		0.0213	0.00510	
7	PCB-179			ND		0.0213	0.00466	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10718624001-R
Lab File ID: P250324A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 13:40
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 20:05
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1880mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND		0.0426	0.00820	
7	PCB-181			ND		0.0213	0.00387	
7	PCB-182			ND		0.0213	0.00437	
7	PCB-183/185			ND		0.0426	0.00750	
7	PCB-184			ND		0.0213	0.00446	
7	PCB-186			ND		0.0213	0.00453	
7	PCB-187			ND		0.0213	0.00688	
7	PCB-188			ND		0.0213	0.00404	
7	PCB-189			ND		0.0213	0.00411	
7	PCB-190			ND		0.0213	0.00373	
7	PCB-191			ND		0.0213	0.00350	
7	PCB-192			ND		0.0213	0.00411	
8	PCB-194			ND		0.0213	0.00397	
8	PCB-195			ND		0.0213	0.00367	
8	PCB-196			ND		0.0213	0.00461	
8	PCB-197/200			ND		0.0426	0.00881	
8	PCB-198/199			ND		0.0426	0.00664	
8	PCB-201			ND		0.0213	0.00426	
8	PCB-202			ND		0.0213	0.00408	
8	PCB-203			ND		0.0213	0.00368	
8	PCB-204			ND		0.0213	0.00334	
8	PCB-205			ND		0.0213	0.00397	
9	PCB-206			ND		0.0213	0.00649	
9	PCB-207			ND		0.0213	0.00499	
9	PCB-208			ND		0.0213	0.00426	
10	PCB-209			ND		0.0213	0.00666	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Derby Dam**
Lab Sample ID: 10718624001-R
Lab File ID: P250324A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 13:40
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 20:05
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1880mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0243	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	ND	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	0.0243	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10718624002-R
Lab File ID: P250324A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 16:40
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 21:08
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118086

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.55	2.93	2.00	0.902	45	
1	PCB-003L	13.29	3.13	2.00	1.13	56	
2	PCB-004L	13.60	1.62	2.00	0.892	45	
2	PCB-015L	20.65	1.55	2.00	1.36	68	
3	PCB-019L	17.40	1.05	2.00	1.08	54	
3	PCB-037L	28.44	1.03	2.00	1.56	78	
4	PCB-054L	21.00	0.81	2.00	1.13	56	
4	PCB-077L	36.18	0.76	2.00	1.46	73	
4	PCB-081L	35.60	0.75	2.00	1.47	73	
5	PCB-104L	27.13	1.59	2.00	0.957	48	
5	PCB-105L	39.83	1.57	2.00	1.58	79	
5	PCB-114L	39.18	1.58	2.00	1.58	79	
5	PCB-118L	38.62	1.53	2.00	1.54	77	
5	PCB-123L	38.27	1.54	2.00	1.58	79	
5	PCB-126L	43.01	1.59	2.00	1.51	75	
6	PCB-155L	33.22	1.28	2.00	1.20	60	
6	PCB-156/157L	46.11	1.27	4.00	3.11	78	
6	PCB-167L	44.93	1.26	2.00	1.60	80	
6	PCB-169L	49.42	1.23	2.00	1.45	73	
7	PCB-188L	39.16	1.05	2.00	1.54	77	
7	PCB-189L	52.01	1.04	2.00	1.56	78	
8	PCB-202L	44.68	0.92	2.00	1.37	69	
8	PCB-205L	54.63	0.90	2.00	1.49	75	
9	PCB-206L	56.38	0.81	2.00	1.27	63	
9	PCB-208L	51.50	0.78	2.00	1.51	76	
10	PCB-209L	58.03	0.75	2.00	1.07	53	
Recovery Standards							
2	PCB-009L	16.05	1.53	2.00	2.49	N/A	
4	PCB-052L	26.06	0.81	2.00	2.86	N/A	
5	PCB-101L	33.43	1.57	2.00	2.83	N/A	
6	PCB-138L	41.83	1.26	2.00	2.96	N/A	
8	PCB-194L	54.14	0.90	2.00	2.52	N/A	
Cleanup Standards							
3	PCB-028L	24.06	1.03	2.00	1.50	75	
5	PCB-111L	36.23	1.56	2.00	1.44	72	
7	PCB-178L	42.29	1.07	2.00	1.35	68	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10718624002-R
Lab File ID: P250324A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 16:40
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 21:08
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0239	0.00633	
1	PCB-002			ND		0.0239	0.00454	
1	PCB-003			ND		0.0239	0.00801	
2	PCB-004	13.62	1.33	0.0271	U	0.0239	0.00740	
2	PCB-005			ND		0.0239	0.00577	
2	PCB-006			ND		0.0239	0.00358	
2	PCB-007			ND		0.0239	0.00302	
2	PCB-008			ND		0.0239	0.0105	
2	PCB-009			ND		0.0239	0.00334	
2	PCB-010			ND		0.0239	0.00386	
2	PCB-011			ND		0.234	0.0917	
2	PCB-012/013			ND		0.0478	0.00573	
2	PCB-014			ND		0.0239	0.00336	
2	PCB-015			ND		0.0315	0.00621	
3	PCB-016			ND		0.0239	0.00585	
3	PCB-017			ND		0.0239	0.00549	
3	PCB-018/030			ND		0.0478	0.0119	
3	PCB-019			ND		0.0239	0.00473	
3	PCB-020/028			ND		0.123	0.0178	
3	PCB-021/033			ND		0.129	0.0179	
3	PCB-022			ND		0.0908	0.0143	
3	PCB-023			ND		0.0239	0.00263	
3	PCB-024			ND		0.0239	0.00338	
3	PCB-025			ND		0.0239	0.00364	
3	PCB-026/029			ND		0.0478	0.00590	
3	PCB-027			ND		0.0239	0.00377	
3	PCB-031			ND		0.124	0.0241	
3	PCB-032			ND		0.0239	0.00382	
3	PCB-034			ND		0.0239	0.00364	
3	PCB-035			ND		0.0239	0.00334	
3	PCB-036			ND		0.0239	0.00332	
3	PCB-037			ND		0.0506	0.00725	
3	PCB-038			ND		0.0239	0.00334	
3	PCB-039			ND		0.0239	0.00303	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10718624002-R
Lab File ID: P250324A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 16:40
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 21:08
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0716	0.0129	
4	PCB-042			ND		0.0239	0.00451	
4	PCB-043/073			ND		0.0478	0.00796	
4	PCB-044/047/065			ND		0.0716	0.0149	
4	PCB-045/051			ND		0.0478	0.00705	
4	PCB-046			ND		0.0239	0.00365	
4	PCB-048			ND		0.0239	0.00420	
4	PCB-069/049			ND		0.0478	0.0109	
4	PCB-050/053			ND		0.0478	0.00648	
4	PCB-052			ND		0.123	0.0334	
4	PCB-054			ND		0.0239	0.00459	
4	PCB-055			ND		0.0239	0.00382	
4	PCB-056			ND		0.0239	0.00502	
4	PCB-057			ND		0.0239	0.00326	
4	PCB-058			ND		0.0239	0.00454	
4	PCB-059/062/075			ND		0.0716	0.0106	
4	PCB-060			ND		0.0239	0.00379	
4	PCB-061/070/074/076			ND		0.0955	0.0203	
4	PCB-063			ND		0.0239	0.00355	
4	PCB-064			ND		0.0239	0.00573	
4	PCB-066			ND		0.0564	0.00908	
4	PCB-067			ND		0.0239	0.00316	
4	PCB-068			ND		0.0239	0.00320	
4	PCB-072			ND		0.0239	0.00301	
4	PCB-077			ND		0.0239	0.00325	
4	PCB-078			ND		0.0239	0.00379	
4	PCB-079			ND		0.0239	0.00370	
4	PCB-080			ND		0.0239	0.00334	
4	PCB-081			ND		0.0239	0.00299	
5	PCB-082			ND		0.0239	0.00539	
5	PCB-083			ND		0.0239	0.00543	
5	PCB-084			ND		0.0239	0.00609	
5	PCB-085/116/117			ND		0.0716	0.0133	
5	PCB-086/087/097/108/119/12			ND		0.143	0.0294	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10718624002-R
Lab File ID: P250324A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 16:40
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 21:08
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0478	0.00979	
5	PCB-089			ND		0.0239	0.00430	
5	PCB-090/101/113			ND		0.0716	0.0239	
5	PCB-092			ND		0.0239	0.00502	
5	PCB-093/098/100/102			ND		0.0955	0.0187	
5	PCB-094			ND		0.0239	0.00441	
5	PCB-095			ND		0.0669	0.0217	
5	PCB-096			ND		0.0239	0.00525	
5	PCB-099			ND		0.0239	0.00896	
5	PCB-103			ND		0.0239	0.00503	
5	PCB-104			ND		0.0239	0.00573	
5	PCB-105			ND		0.0239	0.00435	
5	PCB-106			ND		0.0239	0.00352	
5	PCB-107/124			ND		0.0478	0.00635	
5	PCB-109			ND		0.0239	0.00300	
5	PCB-110/115			ND		0.0478	0.0179	
5	PCB-111			ND		0.0239	0.00436	
5	PCB-112			ND		0.0239	0.00515	
5	PCB-114			ND		0.0239	0.00303	
5	PCB-118			ND		0.0373	0.00884	
5	PCB-120			ND		0.0239	0.00541	
5	PCB-121			ND		0.0239	0.00443	
5	PCB-122			ND		0.0239	0.00382	
5	PCB-123			ND		0.0239	0.00379	
5	PCB-126			ND		0.0239	0.00383	
5	PCB-127			ND		0.0239	0.00257	
6	PCB-128/166			ND		0.0478	0.00759	
6	PCB-129/138/163			ND		0.0716	0.0133	
6	PCB-130			ND		0.0239	0.00439	
6	PCB-131			ND		0.0239	0.00437	
6	PCB-132			ND		0.0239	0.00539	
6	PCB-133			ND		0.0239	0.00449	
6	PCB-134/143			ND		0.0478	0.00859	
6	PCB-135/151			ND		0.0478	0.0118	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10718624002-R
Lab File ID: P250324A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 16:40
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 21:08
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.0239	0.00644	
6	PCB-137			ND		0.0239	0.00480	
6	PCB-139/140			ND		0.0478	0.00687	
6	PCB-141			ND		0.0239	0.00561	
6	PCB-142			ND		0.0239	0.00350	
6	PCB-144			ND		0.0239	0.00641	
6	PCB-145			ND		0.0239	0.00529	
6	PCB-146			ND		0.0239	0.00442	
6	PCB-147/149			ND		0.0478	0.0141	
6	PCB-148			ND		0.0239	0.00537	
6	PCB-150			ND		0.0239	0.00511	
6	PCB-152			ND		0.0239	0.00528	
6	PCB-153/168			ND		0.0478	0.0128	
6	PCB-154			ND		0.0239	0.00493	
6	PCB-155			ND		0.0239	0.00631	
6	PCB-156/157			ND		0.0478	0.00638	
6	PCB-158			ND		0.0239	0.00370	
6	PCB-159			ND		0.0239	0.00367	
6	PCB-160			ND		0.0239	0.00347	
6	PCB-161			ND		0.0239	0.00454	
6	PCB-162			ND		0.0239	0.00368	
6	PCB-164			ND		0.0239	0.00382	
6	PCB-165			ND		0.0239	0.00371	
6	PCB-167			ND		0.0239	0.00353	
6	PCB-169			ND		0.0239	0.00351	
7	PCB-170			ND		0.0239	0.00502	
7	PCB-171/173			ND		0.0478	0.00780	
7	PCB-172			ND		0.0239	0.00479	
7	PCB-174			ND		0.0239	0.00583	
7	PCB-175			ND		0.0239	0.00469	
7	PCB-176			ND		0.0239	0.00506	
7	PCB-177			ND		0.0239	0.00484	
7	PCB-178			ND		0.0239	0.00572	
7	PCB-179			ND		0.0239	0.00523	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10718624002-R
Lab File ID: P250324A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 16:40
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 21:08
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND		0.0478	0.00921	
7	PCB-181			ND		0.0239	0.00435	
7	PCB-182			ND		0.0239	0.00491	
7	PCB-183/185			ND		0.0478	0.00842	
7	PCB-184			ND		0.0239	0.00500	
7	PCB-186			ND		0.0239	0.00509	
7	PCB-187			ND		0.0239	0.00773	
7	PCB-188			ND		0.0239	0.00454	
7	PCB-189			ND		0.0239	0.00461	
7	PCB-190			ND		0.0239	0.00419	
7	PCB-191			ND		0.0239	0.00393	
7	PCB-192			ND		0.0239	0.00461	
8	PCB-194			ND		0.0239	0.00445	
8	PCB-195			ND		0.0239	0.00412	
8	PCB-196			ND		0.0239	0.00517	
8	PCB-197/200			ND		0.0478	0.00989	
8	PCB-198/199			ND		0.0478	0.00745	
8	PCB-201			ND		0.0239	0.00478	
8	PCB-202			ND		0.0239	0.00457	
8	PCB-203			ND		0.0239	0.00413	
8	PCB-204			ND		0.0239	0.00375	
8	PCB-205			ND		0.0239	0.00445	
9	PCB-206			ND		0.0239	0.00728	
9	PCB-207			ND		0.0239	0.00560	
9	PCB-208			ND		0.0239	0.00478	
10	PCB-209			ND		0.0239	0.00748	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Stevenson Dam**
Lab Sample ID: 10718624002-R
Lab File ID: P250324A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 16:40
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 21:08
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1670mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0271	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	ND	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	0.0271	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10718624003-R
Lab File ID: P250324A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 15:20
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 22:11
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118086

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.42	3.02	2.00	0.941	47	
1	PCB-003L	13.22	3.02	2.00	1.18	59	
2	PCB-004L	13.53	1.67	2.00	0.975	49	
2	PCB-015L	20.64	1.54	2.00	1.43	71	
3	PCB-019L	17.37	1.04	2.00	1.13	57	
3	PCB-037L	28.44	1.03	2.00	1.76	88	
4	PCB-054L	20.99	0.79	2.00	1.20	60	
4	PCB-077L	36.20	0.77	2.00	1.53	76	
4	PCB-081L	35.62	0.78	2.00	1.61	80	
5	PCB-104L	27.13	1.55	2.00	1.00	50	
5	PCB-105L	39.85	1.55	2.00	1.64	82	
5	PCB-114L	39.20	1.52	2.00	1.66	83	
5	PCB-118L	38.63	1.53	2.00	1.66	83	
5	PCB-123L	38.29	1.51	2.00	1.70	85	
5	PCB-126L	43.03	1.57	2.00	1.53	77	
6	PCB-155L	33.23	1.29	2.00	1.39	70	
6	PCB-156/157L	46.13	1.25	4.00	3.38	85	
6	PCB-167L	44.95	1.26	2.00	1.74	87	
6	PCB-169L	49.43	1.25	2.00	1.52	76	
7	PCB-188L	39.18	1.05	2.00	1.76	88	
7	PCB-189L	52.01	1.05	2.00	1.79	90	
8	PCB-202L	44.69	0.90	2.00	1.50	75	
8	PCB-205L	54.63	0.90	2.00	1.57	79	
9	PCB-206L	56.41	0.80	2.00	1.35	68	
9	PCB-208L	51.52	0.79	2.00	1.66	83	
10	PCB-209L	58.05	0.73	2.00	1.17	59	
Recovery Standards							
2	PCB-009L	16.00	1.54	2.00	2.41	N/A	
4	PCB-052L	26.08	0.79	2.00	2.72	N/A	
5	PCB-101L	33.43	1.59	2.00	2.75	N/A	
6	PCB-138L	41.85	1.27	2.00	2.78	N/A	
8	PCB-194L	54.16	0.90	2.00	2.29	N/A	
Cleanup Standards							
3	PCB-028L	24.07	1.02	2.00	1.66	83	
5	PCB-111L	36.25	1.57	2.00	1.55	77	
7	PCB-178L	42.31	1.06	2.00	1.44	72	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10718624003-R
Lab File ID: P250324A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 15:20
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 22:11
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0222	0.00588	
1	PCB-002			ND		0.0222	0.00421	
1	PCB-003			ND		0.0222	0.00744	
2	PCB-004	13.56	1.44	0.0493	U	0.0222	0.00687	
2	PCB-005			ND		0.0222	0.00535	
2	PCB-006			ND		0.0222	0.00333	
2	PCB-007			ND		0.0222	0.00280	
2	PCB-008			ND		0.0222	0.00975	
2	PCB-009			ND		0.0222	0.00310	
2	PCB-010			ND		0.0222	0.00358	
2	PCB-011			ND		0.217	0.0851	
2	PCB-012/013			ND		0.0443	0.00532	
2	PCB-014			ND		0.0222	0.00311	
2	PCB-015			ND		0.0293	0.00576	
3	PCB-016			ND		0.0222	0.00543	
3	PCB-017			ND		0.0222	0.00510	
3	PCB-018/030			ND		0.0443	0.0111	
3	PCB-019			ND		0.0222	0.00439	
3	PCB-020/028			ND		0.114	0.0165	
3	PCB-021/033			ND		0.120	0.0166	
3	PCB-022			ND		0.0842	0.0133	
3	PCB-023			ND		0.0222	0.00244	
3	PCB-024			ND		0.0222	0.00314	
3	PCB-025			ND		0.0222	0.00338	
3	PCB-026/029			ND		0.0443	0.00548	
3	PCB-027			ND		0.0222	0.00350	
3	PCB-031			ND		0.115	0.0224	
3	PCB-032			ND		0.0222	0.00355	
3	PCB-034			ND		0.0222	0.00338	
3	PCB-035			ND		0.0222	0.00310	
3	PCB-036			ND		0.0222	0.00308	
3	PCB-037			ND		0.0470	0.00673	
3	PCB-038			ND		0.0222	0.00310	
3	PCB-039			ND		0.0222	0.00282	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10718624003-R
Lab File ID: P250324A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 15:20
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 22:11
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0665	0.0120	
4	PCB-042			ND		0.0222	0.00419	
4	PCB-043/073			ND		0.0443	0.00739	
4	PCB-044/047/065	27.21	0.81	0.0809		0.0665	0.0139	
4	PCB-045/051			ND		0.0443	0.00654	
4	PCB-046			ND		0.0222	0.00339	
4	PCB-048			ND		0.0222	0.00390	
4	PCB-069/049			ND		0.0443	0.0101	
4	PCB-050/053			ND		0.0443	0.00602	
4	PCB-052			ND		0.114	0.0310	
4	PCB-054			ND		0.0222	0.00426	
4	PCB-055			ND		0.0222	0.00355	
4	PCB-056			ND		0.0222	0.00466	
4	PCB-057			ND		0.0222	0.00303	
4	PCB-058			ND		0.0222	0.00421	
4	PCB-059/062/075			ND		0.0665	0.00983	
4	PCB-060			ND		0.0222	0.00351	
4	PCB-061/070/074/076	31.27	0.71	0.0992		0.0887	0.0188	
4	PCB-063			ND		0.0222	0.00329	
4	PCB-064			ND		0.0222	0.00532	
4	PCB-066			ND		0.0523	0.00842	
4	PCB-067			ND		0.0222	0.00294	
4	PCB-068			ND		0.0222	0.00297	
4	PCB-072			ND		0.0222	0.00279	
4	PCB-077			ND		0.0222	0.00302	
4	PCB-078			ND		0.0222	0.00351	
4	PCB-079			ND		0.0222	0.00344	
4	PCB-080			ND		0.0222	0.00310	
4	PCB-081			ND		0.0222	0.00277	
5	PCB-082			ND		0.0222	0.00500	
5	PCB-083			ND		0.0222	0.00504	
5	PCB-084	31.49	1.49	0.0445		0.0222	0.00565	
5	PCB-085/116/117			ND		0.0665	0.0123	
5	PCB-086/087/097/108/119/12			ND		0.133	0.0273	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10718624003-R
Lab File ID: P250324A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 15:20
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 22:11
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0443	0.00909	
5	PCB-089			ND		0.0222	0.00399	
5	PCB-090/101/113	33.46	1.56	0.186		0.0665	0.0222	
5	PCB-092	32.85	1.52	0.0363		0.0222	0.00466	
5	PCB-093/098/100/102			ND		0.0887	0.0174	
5	PCB-094			ND		0.0222	0.00409	
5	PCB-095	30.33	1.57	0.136	U	0.0621	0.0202	
5	PCB-096			ND		0.0222	0.00488	
5	PCB-099	34.09	1.52	0.0753		0.0222	0.00831	
5	PCB-103			ND		0.0222	0.00467	
5	PCB-104			ND		0.0222	0.00532	
5	PCB-105	39.87	1.53	0.0620		0.0222	0.00403	
5	PCB-106			ND		0.0222	0.00327	
5	PCB-107/124			ND		0.0443	0.00590	
5	PCB-109			ND		0.0222	0.00278	
5	PCB-110/115	35.52	1.54	0.221	U	0.0443	0.0166	
5	PCB-111			ND		0.0222	0.00405	
5	PCB-112			ND		0.0222	0.00478	
5	PCB-114			ND		0.0222	0.00282	
5	PCB-118	38.65	1.54	0.133		0.0346	0.00820	
5	PCB-120			ND		0.0222	0.00502	
5	PCB-121			ND		0.0222	0.00411	
5	PCB-122			ND		0.0222	0.00355	
5	PCB-123			ND		0.0222	0.00351	
5	PCB-126			ND		0.0222	0.00356	
5	PCB-127			ND		0.0222	0.00238	
6	PCB-128/166			ND		0.0443	0.00705	
6	PCB-129/138/163	41.88	1.20	0.225		0.0665	0.0123	
6	PCB-130			ND		0.0222	0.00408	
6	PCB-131			ND		0.0222	0.00406	
6	PCB-132	38.77	1.28	0.0673		0.0222	0.00500	
6	PCB-133			ND		0.0222	0.00417	
6	PCB-134/143			ND		0.0443	0.00797	
6	PCB-135/151	36.51	1.27	0.0725		0.0443	0.0110	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10718624003-R
Lab File ID: P250324A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 15:20
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 22:11
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.98	1.24	0.0241		0.0222	0.00597	
6	PCB-137			ND		0.0222	0.00446	
6	PCB-139/140			ND		0.0443	0.00637	
6	PCB-141	40.79	1.32	0.0389		0.0222	0.00521	
6	PCB-142			ND		0.0222	0.00325	
6	PCB-144			ND		0.0222	0.00595	
6	PCB-145			ND		0.0222	0.00491	
6	PCB-146	39.95	1.26	0.0294		0.0222	0.00410	
6	PCB-147/149	37.47	1.25	0.163	U	0.0443	0.0131	
6	PCB-148			ND		0.0222	0.00499	
6	PCB-150			ND		0.0222	0.00474	
6	PCB-152			ND		0.0222	0.00490	
6	PCB-153/168	40.60	1.25	0.171		0.0443	0.0119	
6	PCB-154			ND		0.0222	0.00458	
6	PCB-155			ND		0.0222	0.00585	
6	PCB-156/157			ND		0.0443	0.00592	
6	PCB-158			ND		0.0222	0.00344	
6	PCB-159			ND		0.0222	0.00340	
6	PCB-160			ND		0.0222	0.00323	
6	PCB-161			ND		0.0222	0.00421	
6	PCB-162			ND		0.0222	0.00341	
6	PCB-164			ND		0.0222	0.00355	
6	PCB-165			ND		0.0222	0.00345	
6	PCB-167			ND		0.0222	0.00328	
6	PCB-169			ND		0.0222	0.00326	
7	PCB-170	48.85	1.04	0.0510		0.0222	0.00466	
7	PCB-171/173			ND		0.0443	0.00724	
7	PCB-172			ND		0.0222	0.00445	
7	PCB-174	44.15	1.05	0.0593		0.0222	0.00541	
7	PCB-175			ND		0.0222	0.00436	
7	PCB-176			ND		0.0222	0.00470	
7	PCB-177	44.59	1.04	0.0360		0.0222	0.00449	
7	PCB-178			ND		0.0222	0.00531	
7	PCB-179	39.54	1.12	0.0248		0.0222	0.00486	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10718624003-R
Lab File ID: P250324A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 15:20
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 22:11
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.57	1.04	0.116		0.0443	0.00855	
7	PCB-181			ND		0.0222	0.00403	
7	PCB-182			ND		0.0222	0.00456	
7	PCB-183/185			ND		0.0443	0.00781	
7	PCB-184			ND		0.0222	0.00464	
7	PCB-186			ND		0.0222	0.00472	
7	PCB-187	43.27	1.05	0.0672		0.0222	0.00717	
7	PCB-188			ND		0.0222	0.00421	
7	PCB-189			ND		0.0222	0.00428	
7	PCB-190			ND		0.0222	0.00389	
7	PCB-191			ND		0.0222	0.00365	
7	PCB-192			ND		0.0222	0.00428	
8	PCB-194	54.18	0.85	0.0287		0.0222	0.00413	
8	PCB-195			ND		0.0222	0.00382	
8	PCB-196			ND		0.0222	0.00480	
8	PCB-197/200			ND		0.0443	0.00918	
8	PCB-198/199			ND		0.0443	0.00692	
8	PCB-201			ND		0.0222	0.00443	
8	PCB-202			ND		0.0222	0.00425	
8	PCB-203			ND		0.0222	0.00384	
8	PCB-204			ND		0.0222	0.00348	
8	PCB-205			ND		0.0222	0.00413	
9	PCB-206			ND		0.0222	0.00676	
9	PCB-207			ND		0.0222	0.00520	
9	PCB-208			ND		0.0222	0.00443	
10	PCB-209			ND		0.0222	0.00694	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Shepaug Dam**
Lab Sample ID: 10718624003-R
Lab File ID: P250324A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 12/09/2024 15:20
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 22:11
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1800mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0493	
Total TrCB	ND	
Total TeCB	0.180	
Total PeCB	0.895	
Total HxCB	0.791	
Total HpCB	0.355	
Total OcCB	0.0287	
Total NoCB	ND	
DeCB	ND	
Total PCBs	2.30	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10718624004-R
Lab File ID: P250324A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 13:30
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 23:14
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118086

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.41	3.05	2.00	0.941	47	
1	PCB-003L	13.21	3.05	2.00	1.15	58	
2	PCB-004L	13.52	1.60	2.00	0.900	45	
2	PCB-015L	20.63	1.55	2.00	1.40	70	
3	PCB-019L	17.36	1.08	2.00	1.08	54	
3	PCB-037L	28.44	1.02	2.00	1.70	85	
4	PCB-054L	20.99	0.81	2.00	1.19	59	
4	PCB-077L	36.19	0.78	2.00	1.49	75	
4	PCB-081L	35.61	0.78	2.00	1.56	78	
5	PCB-104L	27.13	1.57	2.00	1.02	51	
5	PCB-105L	39.83	1.58	2.00	1.63	82	
5	PCB-114L	39.18	1.62	2.00	1.67	84	
5	PCB-118L	38.62	1.54	2.00	1.64	82	
5	PCB-123L	38.28	1.58	2.00	1.69	84	
5	PCB-126L	43.02	1.55	2.00	1.56	78	
6	PCB-155L	33.22	1.27	2.00	1.29	65	
6	PCB-156/157L	46.12	1.26	4.00	3.22	80	
6	PCB-167L	44.94	1.25	2.00	1.66	83	
6	PCB-169L	49.42	1.25	2.00	1.43	71	
7	PCB-188L	39.17	1.05	2.00	1.70	85	
7	PCB-189L	52.01	1.06	2.00	1.71	85	
8	PCB-202L	44.68	0.93	2.00	1.45	72	
8	PCB-205L	54.63	0.90	2.00	1.48	74	
9	PCB-206L	56.39	0.82	2.00	1.28	64	
9	PCB-208L	51.52	0.80	2.00	1.58	79	
10	PCB-209L	58.03	0.70	2.00	1.16	58	
Recovery Standards							
2	PCB-009L	15.99	1.57	2.00	2.59	N/A	
4	PCB-052L	26.07	0.80	2.00	2.86	N/A	
5	PCB-101L	33.43	1.59	2.00	2.82	N/A	
6	PCB-138L	41.84	1.26	2.00	2.92	N/A	
8	PCB-194L	54.14	0.91	2.00	2.38	N/A	
Cleanup Standards							
3	PCB-028L	24.07	1.03	2.00	1.61	80	
5	PCB-111L	36.24	1.60	2.00	1.49	74	
7	PCB-178L	42.30	1.06	2.00	1.37	69	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10718624004-R
Lab File ID: P250324A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 13:30
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 23:14
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0231	0.00611	
1	PCB-002			ND		0.0231	0.00438	
1	PCB-003			ND		0.0231	0.00773	
2	PCB-004	13.53	1.60	0.0816	U	0.0231	0.00715	
2	PCB-005			ND		0.0231	0.00557	
2	PCB-006			ND		0.0231	0.00346	
2	PCB-007			ND		0.0231	0.00292	
2	PCB-008			ND		0.0231	0.0101	
2	PCB-009			ND		0.0231	0.00323	
2	PCB-010			ND		0.0231	0.00372	
2	PCB-011			ND		0.226	0.0885	
2	PCB-012/013			ND		0.0461	0.00553	
2	PCB-014			ND		0.0231	0.00324	
2	PCB-015			ND		0.0304	0.00599	
3	PCB-016			ND		0.0231	0.00565	
3	PCB-017			ND		0.0231	0.00530	
3	PCB-018/030			ND		0.0461	0.0115	
3	PCB-019	17.37	1.04	0.0327		0.0231	0.00456	
3	PCB-020/028			ND		0.119	0.0172	
3	PCB-021/033			ND		0.124	0.0173	
3	PCB-022			ND		0.0876	0.0138	
3	PCB-023			ND		0.0231	0.00254	
3	PCB-024			ND		0.0231	0.00326	
3	PCB-025			ND		0.0231	0.00352	
3	PCB-026/029			ND		0.0461	0.00569	
3	PCB-027			ND		0.0231	0.00364	
3	PCB-031			ND		0.120	0.0233	
3	PCB-032			ND		0.0231	0.00369	
3	PCB-034			ND		0.0231	0.00352	
3	PCB-035			ND		0.0231	0.00323	
3	PCB-036			ND		0.0231	0.00320	
3	PCB-037			ND		0.0489	0.00700	
3	PCB-038			ND		0.0231	0.00323	
3	PCB-039			ND		0.0231	0.00293	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10718624004-R
Lab File ID: P250324A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 13:30
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 23:14
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0692	0.0124	
4	PCB-042			ND		0.0231	0.00436	
4	PCB-043/073			ND		0.0461	0.00769	
4	PCB-044/047/065			ND		0.0692	0.0144	
4	PCB-045/051			ND		0.0461	0.00680	
4	PCB-046			ND		0.0231	0.00353	
4	PCB-048			ND		0.0231	0.00406	
4	PCB-069/049			ND		0.0461	0.0105	
4	PCB-050/053			ND		0.0461	0.00626	
4	PCB-052			ND		0.119	0.0323	
4	PCB-054			ND		0.0231	0.00443	
4	PCB-055			ND		0.0231	0.00369	
4	PCB-056			ND		0.0231	0.00484	
4	PCB-057			ND		0.0231	0.00315	
4	PCB-058			ND		0.0231	0.00438	
4	PCB-059/062/075			ND		0.0692	0.0102	
4	PCB-060			ND		0.0231	0.00365	
4	PCB-061/070/074/076			ND		0.0922	0.0196	
4	PCB-063			ND		0.0231	0.00342	
4	PCB-064			ND		0.0231	0.00553	
4	PCB-066			ND		0.0544	0.00876	
4	PCB-067			ND		0.0231	0.00305	
4	PCB-068			ND		0.0231	0.00309	
4	PCB-072			ND		0.0231	0.00290	
4	PCB-077			ND		0.0231	0.00314	
4	PCB-078			ND		0.0231	0.00365	
4	PCB-079			ND		0.0231	0.00357	
4	PCB-080			ND		0.0231	0.00323	
4	PCB-081			ND		0.0231	0.00288	
5	PCB-082			ND		0.0231	0.00520	
5	PCB-083			ND		0.0231	0.00524	
5	PCB-084			ND		0.0231	0.00588	
5	PCB-085/116/117			ND		0.0692	0.0128	
5	PCB-086/087/097/108/119/12			ND		0.138	0.0284	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10718624004-R
Lab File ID: P250324A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 13:30
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 23:14
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0461	0.00945	
5	PCB-089			ND		0.0231	0.00415	
5	PCB-090/101/113			ND		0.0692	0.0231	
5	PCB-092			ND		0.0231	0.00484	
5	PCB-093/098/100/102			ND		0.0922	0.0181	
5	PCB-094			ND		0.0231	0.00425	
5	PCB-095			ND		0.0645	0.0210	
5	PCB-096			ND		0.0231	0.00507	
5	PCB-099			ND		0.0231	0.00864	
5	PCB-103			ND		0.0231	0.00485	
5	PCB-104			ND		0.0231	0.00553	
5	PCB-105			ND		0.0231	0.00420	
5	PCB-106			ND		0.0231	0.00340	
5	PCB-107/124			ND		0.0461	0.00613	
5	PCB-109			ND		0.0231	0.00289	
5	PCB-110/115			ND		0.0461	0.0173	
5	PCB-111			ND		0.0231	0.00421	
5	PCB-112			ND		0.0231	0.00497	
5	PCB-114			ND		0.0231	0.00293	
5	PCB-118			ND		0.0360	0.00853	
5	PCB-120			ND		0.0231	0.00522	
5	PCB-121			ND		0.0231	0.00428	
5	PCB-122			ND		0.0231	0.00369	
5	PCB-123			ND		0.0231	0.00365	
5	PCB-126			ND		0.0231	0.00370	
5	PCB-127			ND		0.0231	0.00248	
6	PCB-128/166			ND		0.0461	0.00733	
6	PCB-129/138/163	41.87	1.26	0.0738		0.0692	0.0128	
6	PCB-130			ND		0.0231	0.00424	
6	PCB-131			ND		0.0231	0.00422	
6	PCB-132			ND		0.0231	0.00520	
6	PCB-133			ND		0.0231	0.00433	
6	PCB-134/143			ND		0.0461	0.00829	
6	PCB-135/151			ND		0.0461	0.0114	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10718624004-R
Lab File ID: P250324A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 13:30
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 23:14
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.0231	0.00621	
6	PCB-137			ND		0.0231	0.00463	
6	PCB-139/140			ND		0.0461	0.00663	
6	PCB-141			ND		0.0231	0.00542	
6	PCB-142			ND		0.0231	0.00338	
6	PCB-144			ND		0.0231	0.00619	
6	PCB-145			ND		0.0231	0.00511	
6	PCB-146			ND		0.0231	0.00426	
6	PCB-147/149	37.46	1.22	0.0657	U	0.0461	0.0136	
6	PCB-148			ND		0.0231	0.00519	
6	PCB-150			ND		0.0231	0.00493	
6	PCB-152			ND		0.0231	0.00509	
6	PCB-153/168	40.59	1.26	0.0728		0.0461	0.0123	
6	PCB-154			ND		0.0231	0.00476	
6	PCB-155			ND		0.0231	0.00609	
6	PCB-156/157			ND		0.0461	0.00615	
6	PCB-158			ND		0.0231	0.00357	
6	PCB-159			ND		0.0231	0.00354	
6	PCB-160			ND		0.0231	0.00335	
6	PCB-161			ND		0.0231	0.00438	
6	PCB-162			ND		0.0231	0.00355	
6	PCB-164			ND		0.0231	0.00369	
6	PCB-165			ND		0.0231	0.00358	
6	PCB-167			ND		0.0231	0.00341	
6	PCB-169			ND		0.0231	0.00339	
7	PCB-170	48.86	1.01	0.0249		0.0231	0.00484	
7	PCB-171/173			ND		0.0461	0.00753	
7	PCB-172			ND		0.0231	0.00462	
7	PCB-174	44.13	1.07	0.0302		0.0231	0.00562	
7	PCB-175			ND		0.0231	0.00453	
7	PCB-176			ND		0.0231	0.00489	
7	PCB-177			ND		0.0231	0.00467	
7	PCB-178			ND		0.0231	0.00552	
7	PCB-179			ND		0.0231	0.00505	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10718624004-R
Lab File ID: P250324A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 13:30
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 23:14
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.57	1.00	0.0550		0.0461	0.00889	
7	PCB-181			ND		0.0231	0.00420	
7	PCB-182			ND		0.0231	0.00474	
7	PCB-183/185			ND		0.0461	0.00813	
7	PCB-184			ND		0.0231	0.00483	
7	PCB-186			ND		0.0231	0.00491	
7	PCB-187	43.27	1.08	0.0402		0.0231	0.00746	
7	PCB-188			ND		0.0231	0.00438	
7	PCB-189			ND		0.0231	0.00445	
7	PCB-190			ND		0.0231	0.00405	
7	PCB-191			ND		0.0231	0.00379	
7	PCB-192			ND		0.0231	0.00445	
8	PCB-194			ND		0.0231	0.00430	
8	PCB-195			ND		0.0231	0.00398	
8	PCB-196			ND		0.0231	0.00499	
8	PCB-197/200			ND		0.0461	0.00954	
8	PCB-198/199			ND		0.0461	0.00719	
8	PCB-201			ND		0.0231	0.00461	
8	PCB-202			ND		0.0231	0.00441	
8	PCB-203			ND		0.0231	0.00399	
8	PCB-204			ND		0.0231	0.00362	
8	PCB-205			ND		0.0231	0.00430	
9	PCB-206			ND		0.0231	0.00703	
9	PCB-207			ND		0.0231	0.00541	
9	PCB-208			ND		0.0231	0.00461	
10	PCB-209			ND		0.0231	0.00722	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rt. 202 Bridge**
Lab Sample ID: 10718624004-R
Lab File ID: P250324A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 13:30
Date Received: 12/12/2024 08:50
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/24/2025 23:14
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: CVS
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250324A03
CCal File(s): P250324A_02

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0816	
Total TrCB	0.0327	
Total TeCB	ND	
Total PeCB	ND	
Total HxCB	0.212	
Total HpCB	0.150	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	0.477	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Workorder/Login Label Here

WO# : 70328470

70328470

Company Name: Arcadis	Contact/Report To: Dave Knutsen
Street Address: 110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202	Phone #: 315-671-9374
	E-Mail: David.Knutsen@Arcadis.com
	Cc E-Mail:
Customer Project #: 30224932.3000	Invoice to: Arcadis U.S. Inc.
Project Name: Housatonic River BMP	Invoice E-mail: accountspayable.administration@arcadis.com
Site Collection Info/Facility ID (as applicable): Housatonic River	Purchase Order # (if applicable):
	Quote #:
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [✓] ET	County / State origin of sample(s): Pittsfield, MA
Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc) as applicable: Reportable [ ] Yes [ ] No
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____ Date Results Requested:
	DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable) [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	TSS Analyzed SM2540D *
Rising Pond Dam	WT				12/13/24	13:15	1			X
HR-D1	WT				12/13/24	—	1			X
Old Pleasant Street Bridge	WT				12/13/24	15:00	1			X
Woods Pond Dam	WT				12/16/24	13:30	1			X
New Lenox Rd Bridge	WT				12/16/24	14:45	1			X
Near Pittsfield WWTP	WT				12/16/24	16:15	1			X
Pomeroy Avenue Bridge	WT				12/17/24	14:30	1			X

Specify Container Size **: 1

Identify Container Preservative Type***: 1

Analysis Requested

**Container Size: (1) 1L (2) 500mL (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | AcctNum / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 456 43

Sample Comment

Preservation non-conformance identified for sample:

Additional Instructions from Pace®: Short Hold Time Refer to Contract

Collected By: Printed Name: Penelope T. Rabasco Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: * Please use entire sample for analysis

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp (°C): | Corrected Temp (°C): | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Trucking Number:
Penelope T. Rabasco / Arcadis	12/17/24 17:30	ASF PACE LI	12/18/24 10:05	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10719281

Sample: Rising Pond Dam **Lab ID: 10719281001** Collected: 12/13/24 13:15 Received: 12/18/24 10:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**15.1**	mg/L	2.5	1		12/20/24 09:44		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10719281

Sample: HR-D1 **Lab ID: 10719281002** Collected: 12/13/24 00:00 Received: 12/18/24 10:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**13.0**	mg/L	2.5	1		12/20/24 09:44		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10719281

Sample: Old Pleasant Street Bridge **Lab ID: 10719281003** Collected: 12/13/24 15:00 Received: 12/18/24 10:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**8.4**	mg/L	2.5	1		12/20/24 09:44		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10719281

Sample: Woods Pond Dam **Lab ID: 10719281004** Collected: 12/16/24 13:30 Received: 12/18/24 10:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	ND	mg/L	2.5	1		12/20/24 16:47		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10719281

Sample: New Lenox Rd Bridge **Lab ID: 10719281005** Collected: 12/16/24 14:45 Received: 12/18/24 10:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**6.1**	mg/L	2.5	1		12/20/24 16:47		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10719281

Sample: Near Pittsfield WWTP **Lab ID: 10719281006** Collected: 12/16/24 16:15 Received: 12/18/24 10:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**4.6**	mg/L	2.5	1		12/20/24 16:47		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 30224932.3000 Housatonic River
Pace Project No.: 10719281

Sample: Pomeroy Avenue Bridge **Lab ID: 10719281007** Collected: 12/17/24 14:30 Received: 12/18/24 10:05 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2540D Total Suspended Solids	Analytical Method: SM22 2540D Pace Analytical Services - Melville							
Total Suspended Solids	**3.2**	mg/L	2.5	1		12/23/24 09:12		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

WO# : 10719470

10719470

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name:	Arcadis
Street Address:	110 W. Fayette St. Suite 300 Syracuse, N.Y. 13202
Customer Project #:	3022 4932. 3000
Project Name:	Housatonic River BMP
Site Collection Info/Facility ID (as applicable):	Housatonic River
Time Zone Collected:	[ ] AK [ ] PT [ ] MT [ ] CT [ ] ET
Contact/Report To:	Dave Knutsen
Phone #:	315-671-9374
E-Mail:	David.Knutsen@Arcadis.com
Cc E-Mail:	
Invoice to:	Arcadis U.S. Inc.
Invoice E-mail:	accounts payable. administration @ arcadis.com
Purchase Order # (if applicable):	
Quote #:	
County / State origin of sample(s):	Pittsfield, MA

Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	PCB 1668	Sample Comment
Rt. 341 Bridge	WT				12/10/24	15:15	4			X	001
Canaan Town Line Bridge	WT				12/11/24	12:15	4			X	002
Falls Village Dam	WT				12/11/24	13:05	4			X	003
Ramapo Rd Bridge	WT				12/11/24	14:45	4			X	004
Rising Pond Dam	WT				12/13/24	13:15	4			X	005
HR-D1	WT				12/13/24	—	4			X	006
Old Pleasant Street Bridge	WT				12/13/24	15:00	4			X	007
Woods Pond Dam	WT				12/16/24	13:30	4			X	008
New Lenox Rd Bridge	WT				12/16/24	14:45	4			X	009
Woods Pond Dam (Lab Dup)	WT				12/16/24	13:30	4			X	010

Specify Container Size**: 1

Identify Container Preservative Type***: 1

Analysis Requested

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL Vial, (7) EnCore, (8) TerraCore, (9) 5DmL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr:

AcctNum / Client ID:

Table #:

Profile / Template:

Prelog / Bottle Ord. ID: 45643

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By: Printed Name: Penelope T. Rabasco

Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards: Refer to Contract

Coolers: 1 | Thermometer ID: T3 | Correction Factor (°C): true | Obs. Temp. (°C): 3.0, 2.7, 2.4, 3.0, 2.6 | Corrected Temp. (°C): Y | [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Rabasco	12/17/24 17:30	Received by/Company: (Signature)	12/18/24 1220
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 1 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORC-0019_v02_110123 ©

Pace® Location Requested (City/State):

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name:	Arcadis
Street Address:	110 W. Fayette st, Suite 300 Syracuse, N.Y. 13202
Customer Project #:	30224932.3000
Project Name:	Housatonic River EMP
Site Collection Info/Facility ID (as applicable):	Housatonic River
Contact/Report To:	Dave Knutsen
Phone #:	315-671-9374
E-Mail:	David.Knutsen@Arcadis.com
Cc E-Mail:	
Invoice to:	Arcadis U.S. Inc.
Invoice E-mail:	accountspayable.administration@arcadis.com
Purchase Order # (if applicable):	
Quote #:	
Time Zone Collected:	[ ] AK [ ] PT [ ] MT [ ] CT [ ] ET
County / State origin of sample(s):	Pittsfield, MA

Data Deliverables: [ ] Level II [ ] Level III [✓] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

PCB 1668

Specify Container Size**: 1

Identify Container Preservative Type***: 1

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: | Acct.Num / Client ID: | Table #: | Profile / Template: | Prelog / Bottle Ord. ID: 45643

Preservation non-conformance identified for sample.

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Residual Chlorine Result	Residual Chlorine Units	Analysis	Sample Comment
Near Pittsfield WWTP					12/16/24	16:15	4			X	011
Pomeroy Avenue Bridge					12/17/24	14:30	4			X	012
HR-EB1					12/10/24	10:30	4			X	013

Additional Instructions from Pace®: Refer to Contract

Collected By: Printed Name: Penelope T. Rabasco Signature: Penelope T. Rabasco

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: 1 Thermometer ID: T3 Correction Factor (°C): True Obs. Temp (°C): 3.0, 2.7, 2.9, 3.0, 2.6 Corrected Temp (°C): 3.0, 2.7, 2.9, 3.0, 2.6 [ ] On Ice

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Penelope T. Rabasco	12/17/24 17:30		
			12/18/24 1220
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number: 1

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10719470001-R
Lab File ID: Y250331A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 15:15
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 02:38
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118086

Prep. Technique: Liquid/Liq
Total Amount Extracted: 753mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.76	3.06	2.00	1.07	53	
1	PCB-003L	12.51	3.24	2.00	1.27	64	
2	PCB-004L	12.82	1.58	2.00	1.20	60	
2	PCB-015L	19.81	1.57	2.00	1.53	76	
3	PCB-019L	16.58	1.03	2.00	1.24	62	
3	PCB-037L	27.51	1.08	2.00	1.51	75	
4	PCB-054L	20.15	0.77	2.00	1.16	58	
4	PCB-077L	35.16	0.81	2.00	1.54	77	
4	PCB-081L	34.59	0.78	2.00	1.58	79	
5	PCB-104L	26.20	1.58	2.00	1.33	66	
5	PCB-105L	38.75	1.61	2.00	1.38	69	
5	PCB-114L	38.10	1.60	2.00	1.43	72	
5	PCB-118L	37.56	1.62	2.00	1.44	72	
5	PCB-123L	37.21	1.62	2.00	1.46	73	
5	PCB-126L	41.90	1.62	2.00	1.43	72	
6	PCB-155L	32.21	1.28	2.00	1.48	74	
6	PCB-156/157L	44.96	1.27	4.00	2.81	70	
6	PCB-167L	43.79	1.28	2.00	1.45	73	
6	PCB-169L	48.23	1.28	2.00	1.30	65	
7	PCB-188L	38.10	1.05	2.00	1.93	96	
7	PCB-189L	50.78	1.05	2.00	1.52	76	
8	PCB-202L	43.55	0.91	2.00	1.73	86	
8	PCB-205L	53.37	0.90	2.00	1.36	68	
9	PCB-206L	55.12	0.80	2.00	1.29	65	
9	PCB-208L	50.29	0.78	2.00	1.54	77	
10	PCB-209L	56.73	0.71	2.00	1.24	62	
Recovery Standards							
2	PCB-009L	15.24	1.61	2.00	2.72	N/A	
4	PCB-052L	25.16	0.78	2.00	3.09	N/A	
5	PCB-101L	32.42	1.60	2.00	3.03	N/A	
6	PCB-138L	40.73	1.28	2.00	2.92	N/A	
8	PCB-194L	52.90	0.91	2.00	2.26	N/A	
Cleanup Standards							
3	PCB-028L	23.18	1.05	2.00	1.24	62	
5	PCB-111L	35.19	1.56	2.00	1.28	64	
7	PCB-178L	41.18	1.08	2.00	1.37	68	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10719470001-R
Lab File ID: Y250331A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 15:15
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 02:38
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 753mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0532	0.0141	
1	PCB-002			ND		0.0532	0.0101	
1	PCB-003			ND		0.0532	0.0178	
2	PCB-004	12.84	1.40	0.112		0.0532	0.0165	
2	PCB-005			ND		0.0532	0.0128	
2	PCB-006			ND		0.0532	0.00797	
2	PCB-007			ND		0.0532	0.00672	
2	PCB-008			ND		0.0532	0.0234	
2	PCB-009			ND		0.0532	0.00744	
2	PCB-010			ND		0.0532	0.00858	
2	PCB-011			ND		0.521	0.204	
2	PCB-012/013			ND		0.106	0.0128	
2	PCB-014			ND		0.0532	0.00747	
2	PCB-015			ND		0.0702	0.0138	
3	PCB-016			ND		0.0532	0.0130	
3	PCB-017			ND		0.0532	0.0122	
3	PCB-018/030			ND		0.106	0.0266	
3	PCB-019			ND		0.0532	0.0105	
3	PCB-020/028			ND		0.274	0.0396	
3	PCB-021/033			ND		0.287	0.0399	
3	PCB-022			ND		0.202	0.0319	
3	PCB-023			ND		0.0532	0.00585	
3	PCB-024			ND		0.0532	0.00752	
3	PCB-025			ND		0.0532	0.00811	
3	PCB-026/029			ND		0.106	0.0131	
3	PCB-027			ND		0.0532	0.00840	
3	PCB-031			ND		0.276	0.0537	
3	PCB-032			ND		0.0532	0.00850	
3	PCB-034			ND		0.0532	0.00811	
3	PCB-035			ND		0.0532	0.00744	
3	PCB-036			ND		0.0532	0.00739	
3	PCB-037			ND		0.113	0.0161	
3	PCB-038			ND		0.0532	0.00744	
3	PCB-039			ND		0.0532	0.00675	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10719470001-R
Lab File ID: Y250331A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 15:15
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 02:38
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 753mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.159	0.0287	
4	PCB-042			ND		0.0532	0.0100	
4	PCB-043/073			ND		0.106	0.0177	
4	PCB-044/047/065			ND		0.159	0.0332	
4	PCB-045/051			ND		0.106	0.0157	
4	PCB-046			ND		0.0532	0.00813	
4	PCB-048			ND		0.0532	0.00936	
4	PCB-069/049			ND		0.106	0.0242	
4	PCB-050/053			ND		0.106	0.0144	
4	PCB-052			ND		0.274	0.0744	
4	PCB-054			ND		0.0532	0.0102	
4	PCB-055			ND		0.0532	0.00850	
4	PCB-056			ND		0.0532	0.0112	
4	PCB-057			ND		0.0532	0.00726	
4	PCB-058			ND		0.0532	0.0101	
4	PCB-059/062/075			ND		0.159	0.0236	
4	PCB-060			ND		0.0532	0.00843	
4	PCB-061/070/074/076			ND		0.213	0.0452	
4	PCB-063			ND		0.0532	0.00789	
4	PCB-064			ND		0.0532	0.0128	
4	PCB-066			ND		0.125	0.0202	
4	PCB-067			ND		0.0532	0.00704	
4	PCB-068			ND		0.0532	0.00712	
4	PCB-072			ND		0.0532	0.00670	
4	PCB-077			ND		0.0532	0.00723	
4	PCB-078			ND		0.0532	0.00843	
4	PCB-079			ND		0.0532	0.00824	
4	PCB-080			ND		0.0532	0.00744	
4	PCB-081			ND		0.0532	0.00664	
5	PCB-082			ND		0.0532	0.0120	
5	PCB-083			ND		0.0532	0.0121	
5	PCB-084			ND		0.0532	0.0136	
5	PCB-085/116/117			ND		0.159	0.0295	
5	PCB-086/087/097/108/119/12			ND		0.319	0.0654	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10719470001-R
Lab File ID: Y250331A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 15:15
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 02:38
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 753mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.106	0.0218	
5	PCB-089			ND		0.0532	0.00957	
5	PCB-090/101/113			ND		0.159	0.0532	
5	PCB-092			ND		0.0532	0.0112	
5	PCB-093/098/100/102			ND		0.213	0.0417	
5	PCB-094			ND		0.0532	0.00981	
5	PCB-095			ND		0.149	0.0484	
5	PCB-096			ND		0.0532	0.0117	
5	PCB-099			ND		0.0532	0.0199	
5	PCB-103			ND		0.0532	0.0112	
5	PCB-104			ND		0.0532	0.0128	
5	PCB-105			ND		0.0532	0.00967	
5	PCB-106			ND		0.0532	0.00784	
5	PCB-107/124			ND		0.106	0.0141	
5	PCB-109			ND		0.0532	0.00667	
5	PCB-110/115	34.49	1.57	0.149	U	0.106	0.0399	
5	PCB-111			ND		0.0532	0.00970	
5	PCB-112			ND		0.0532	0.0115	
5	PCB-114			ND		0.0532	0.00675	
5	PCB-118	37.58	1.52	0.0914		0.0829	0.0197	
5	PCB-120			ND		0.0532	0.0120	
5	PCB-121			ND		0.0532	0.00986	
5	PCB-122			ND		0.0532	0.00850	
5	PCB-123			ND		0.0532	0.00843	
5	PCB-126			ND		0.0532	0.00853	
5	PCB-127			ND		0.0532	0.00571	
6	PCB-128/166			ND		0.106	0.0169	
6	PCB-129/138/163	40.76	1.23	0.199		0.159	0.0295	
6	PCB-130			ND		0.0532	0.00978	
6	PCB-131			ND		0.0532	0.00973	
6	PCB-132	37.68	1.22	0.0587		0.0532	0.0120	
6	PCB-133			ND		0.0532	0.00999	
6	PCB-134/143			ND		0.106	0.0191	
6	PCB-135/151			ND		0.106	0.0263	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10719470001-R
Lab File ID: Y250331A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 15:15
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 02:38
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 753mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.0532	0.0143	
6	PCB-137			ND		0.0532	0.0107	
6	PCB-139/140			ND		0.106	0.0153	
6	PCB-141			ND		0.0532	0.0125	
6	PCB-142			ND		0.0532	0.00779	
6	PCB-144			ND		0.0532	0.0143	
6	PCB-145			ND		0.0532	0.0118	
6	PCB-146			ND		0.0532	0.00983	
6	PCB-147/149	36.39	1.21	0.162	U	0.106	0.0314	
6	PCB-148			ND		0.0532	0.0120	
6	PCB-150			ND		0.0532	0.0114	
6	PCB-152			ND		0.0532	0.0117	
6	PCB-153/168	39.49	1.18	0.177		0.106	0.0284	
6	PCB-154			ND		0.0532	0.0110	
6	PCB-155			ND		0.0532	0.0140	
6	PCB-156/157			ND		0.106	0.0142	
6	PCB-158			ND		0.0532	0.00824	
6	PCB-159			ND		0.0532	0.00816	
6	PCB-160			ND		0.0532	0.00773	
6	PCB-161			ND		0.0532	0.0101	
6	PCB-162			ND		0.0532	0.00819	
6	PCB-164			ND		0.0532	0.00850	
6	PCB-165			ND		0.0532	0.00827	
6	PCB-167			ND		0.0532	0.00787	
6	PCB-169			ND		0.0532	0.00781	
7	PCB-170	47.66	1.01	0.0536		0.0532	0.0112	
7	PCB-171/173			ND		0.106	0.0174	
7	PCB-172			ND		0.0532	0.0107	
7	PCB-174	43.00	1.02	0.0639		0.0532	0.0130	
7	PCB-175			ND		0.0532	0.0104	
7	PCB-176			ND		0.0532	0.0113	
7	PCB-177			ND		0.0532	0.0108	
7	PCB-178			ND		0.0532	0.0127	
7	PCB-179			ND		0.0532	0.0116	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10719470001-R
Lab File ID: Y250331A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 15:15
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 02:38
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 753mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.39	1.07	0.124		0.106	0.0205	
7	PCB-181			ND		0.0532	0.00967	
7	PCB-182			ND		0.0532	0.0109	
7	PCB-183/185			ND		0.106	0.0187	
7	PCB-184			ND		0.0532	0.0111	
7	PCB-186			ND		0.0532	0.0113	
7	PCB-187	42.14	1.02	0.0824		0.0532	0.0172	
7	PCB-188			ND		0.0532	0.0101	
7	PCB-189			ND		0.0532	0.0103	
7	PCB-190			ND		0.0532	0.00933	
7	PCB-191			ND		0.0532	0.00874	
7	PCB-192			ND		0.0532	0.0103	
8	PCB-194			ND		0.0532	0.00991	
8	PCB-195			ND		0.0532	0.00917	
8	PCB-196			ND		0.0532	0.0115	
8	PCB-197/200			ND		0.106	0.0220	
8	PCB-198/199			ND		0.106	0.0166	
8	PCB-201			ND		0.0532	0.0106	
8	PCB-202			ND		0.0532	0.0102	
8	PCB-203			ND		0.0532	0.00920	
8	PCB-204			ND		0.0532	0.00835	
8	PCB-205			ND		0.0532	0.00991	
9	PCB-206			ND		0.0532	0.0162	
9	PCB-207			ND		0.0532	0.0125	
9	PCB-208			ND		0.0532	0.0106	
10	PCB-209			ND		0.0532	0.0166	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rt. 341 Bridge**
Lab Sample ID: 10719470001-R
Lab File ID: Y250331A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 15:15
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 02:38
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 753mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.112	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	0.240	
Total HxCB	0.597	
Total HpCB	0.324	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	1.27	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10719470002-R
Lab File ID: Y250331A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 12:15
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 03:38
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118086

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.96	3.13	2.00	0.965	48	
1	PCB-003L	12.64	3.20	2.00	1.22	61	
2	PCB-004L	12.94	1.59	2.00	1.15	57	
2	PCB-015L	19.85	1.58	2.00	1.58	79	
3	PCB-019L	16.67	1.04	2.00	1.19	60	
3	PCB-037L	27.51	1.03	2.00	1.69	84	
4	PCB-054L	20.18	0.78	2.00	1.28	64	
4	PCB-077L	35.16	0.80	2.00	1.62	81	
4	PCB-081L	34.59	0.79	2.00	1.71	85	
5	PCB-104L	26.22	1.60	2.00	1.44	72	
5	PCB-105L	38.77	1.57	2.00	1.38	69	
5	PCB-114L	38.11	1.64	2.00	1.52	76	
5	PCB-118L	37.56	1.62	2.00	1.56	78	
5	PCB-123L	37.23	1.60	2.00	1.56	78	
5	PCB-126L	41.92	1.62	2.00	1.44	72	
6	PCB-155L	32.21	1.27	2.00	1.71	85	
6	PCB-156/157L	44.98	1.29	4.00	3.00	75	
6	PCB-167L	43.80	1.29	2.00	1.58	79	
6	PCB-169L	48.26	1.29	2.00	1.34	67	
7	PCB-188L	38.10	1.05	2.00	2.51	125	
7	PCB-189L	50.81	1.06	2.00	1.75	87	
8	PCB-202L	43.55	0.90	2.00	2.13	107	
8	PCB-205L	53.39	0.87	2.00	1.50	75	
9	PCB-206L	55.14	0.80	2.00	1.33	67	
9	PCB-208L	50.31	0.79	2.00	1.75	88	
10	PCB-209L	56.75	0.73	2.00	1.22	61	
Recovery Standards							
2	PCB-009L	15.34	1.58	2.00	2.52	N/A	
4	PCB-052L	25.18	0.78	2.00	2.73	N/A	
5	PCB-101L	32.43	1.59	2.00	2.66	N/A	
6	PCB-138L	40.75	1.24	2.00	2.37	N/A	
8	PCB-194L	52.92	0.89	2.00	1.57	N/A	
Cleanup Standards							
3	PCB-028L	23.21	1.03	2.00	1.60	80	
5	PCB-111L	35.21	1.58	2.00	1.42	71	
7	PCB-178L	41.20	1.07	2.00	1.69	84	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10719470002-R
Lab File ID: Y250331A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 12:15
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 03:38
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0233	0.00619	
1	PCB-002			ND		0.0233	0.00443	
1	PCB-003			ND		0.0233	0.00783	
2	PCB-004	12.97	1.47	0.208		0.0233	0.00724	
2	PCB-005			ND		0.0233	0.00564	
2	PCB-006			ND		0.0233	0.00350	
2	PCB-007			ND		0.0233	0.00295	
2	PCB-008			ND		0.0233	0.0103	
2	PCB-009			ND		0.0233	0.00327	
2	PCB-010			ND		0.0233	0.00377	
2	PCB-011			ND		0.229	0.0896	
2	PCB-012/013			ND		0.0467	0.00560	
2	PCB-014			ND		0.0233	0.00328	
2	PCB-015			ND		0.0308	0.00607	
3	PCB-016			ND		0.0233	0.00572	
3	PCB-017	19.31	1.03	0.0239		0.0233	0.00537	
3	PCB-018/030			ND		0.0467	0.0117	
3	PCB-019	16.68	0.99	0.0977		0.0233	0.00462	
3	PCB-020/028			ND		0.120	0.0174	
3	PCB-021/033			ND		0.126	0.0175	
3	PCB-022			ND		0.0887	0.0140	
3	PCB-023			ND		0.0233	0.00257	
3	PCB-024			ND		0.0233	0.00330	
3	PCB-025			ND		0.0233	0.00356	
3	PCB-026/029			ND		0.0467	0.00577	
3	PCB-027			ND		0.0233	0.00369	
3	PCB-031			ND		0.121	0.0236	
3	PCB-032			ND		0.0233	0.00373	
3	PCB-034			ND		0.0233	0.00356	
3	PCB-035			ND		0.0233	0.00327	
3	PCB-036			ND		0.0233	0.00324	
3	PCB-037			ND		0.0495	0.00708	
3	PCB-038			ND		0.0233	0.00327	
3	PCB-039			ND		0.0233	0.00296	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10719470002-R
Lab File ID: Y250331A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 12:15
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 03:38
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0700	0.0126	
4	PCB-042			ND		0.0233	0.00441	
4	PCB-043/073			ND		0.0467	0.00778	
4	PCB-044/047/065	26.32	0.77	0.198		0.0700	0.0146	
4	PCB-045/051	23.42	0.78	0.0741		0.0467	0.00689	
4	PCB-046			ND		0.0233	0.00357	
4	PCB-048			ND		0.0233	0.00411	
4	PCB-069/049	25.73	0.79	0.132		0.0467	0.0106	
4	PCB-050/053	22.59	0.77	0.103		0.0467	0.00634	
4	PCB-052	25.21	0.78	0.158		0.120	0.0327	
4	PCB-054			ND		0.0233	0.00448	
4	PCB-055			ND		0.0233	0.00373	
4	PCB-056			ND		0.0233	0.00490	
4	PCB-057			ND		0.0233	0.00319	
4	PCB-058			ND		0.0233	0.00443	
4	PCB-059/062/075			ND		0.0700	0.0104	
4	PCB-060			ND		0.0233	0.00370	
4	PCB-061/070/074/076			ND		0.0934	0.0198	
4	PCB-063			ND		0.0233	0.00347	
4	PCB-064			ND		0.0233	0.00560	
4	PCB-066			ND		0.0551	0.00887	
4	PCB-067			ND		0.0233	0.00309	
4	PCB-068			ND		0.0233	0.00313	
4	PCB-072			ND		0.0233	0.00294	
4	PCB-077			ND		0.0233	0.00317	
4	PCB-078			ND		0.0233	0.00370	
4	PCB-079			ND		0.0233	0.00362	
4	PCB-080			ND		0.0233	0.00327	
4	PCB-081			ND		0.0233	0.00292	
5	PCB-082	34.82	1.50	0.0255		0.0233	0.00526	
5	PCB-083			ND		0.0233	0.00531	
5	PCB-084	30.51	1.52	0.0611		0.0233	0.00595	
5	PCB-085/116/117			ND		0.0700	0.0130	
5	PCB-086/087/097/108/119/12	33.65	1.55	0.210		0.140	0.0287	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10719470002-R
Lab File ID: Y250331A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 12:15
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 03:38
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.30	1.50	0.0533		0.0467	0.00957	
5	PCB-089			ND		0.0233	0.00420	
5	PCB-090/101/113	32.46	1.56	0.709		0.0700	0.0233	
5	PCB-092	31.84	1.58	0.112		0.0233	0.00490	
5	PCB-093/098/100/102			ND		0.0934	0.0183	
5	PCB-094			ND		0.0233	0.00431	
5	PCB-095	29.37	1.52	0.496		0.0654	0.0212	
5	PCB-096			ND		0.0233	0.00514	
5	PCB-099	33.06	1.57	0.123		0.0233	0.00875	
5	PCB-103			ND		0.0233	0.00491	
5	PCB-104			ND		0.0233	0.00560	
5	PCB-105	38.78	1.58	0.0891		0.0233	0.00425	
5	PCB-106			ND		0.0233	0.00344	
5	PCB-107/124			ND		0.0467	0.00621	
5	PCB-109			ND		0.0233	0.00293	
5	PCB-110/115	34.49	1.54	0.492		0.0467	0.0175	
5	PCB-111			ND		0.0233	0.00426	
5	PCB-112			ND		0.0233	0.00503	
5	PCB-114			ND		0.0233	0.00296	
5	PCB-118	37.59	1.59	0.257		0.0364	0.00864	
5	PCB-120			ND		0.0233	0.00529	
5	PCB-121			ND		0.0233	0.00433	
5	PCB-122			ND		0.0233	0.00373	
5	PCB-123			ND		0.0233	0.00370	
5	PCB-126			ND		0.0233	0.00375	
5	PCB-127			ND		0.0233	0.00251	
6	PCB-128/166	42.05	1.22	0.103		0.0467	0.00742	
6	PCB-129/138/163	40.78	1.25	2.42		0.0700	0.0130	
6	PCB-130	40.11	1.19	0.0725		0.0233	0.00429	
6	PCB-131			ND		0.0233	0.00427	
6	PCB-132	37.69	1.26	0.682		0.0233	0.00526	
6	PCB-133	38.20	1.29	0.0294		0.0233	0.00439	
6	PCB-134/143	36.61	1.12	0.108		0.0467	0.00839	
6	PCB-135/151	35.44	1.26	1.22		0.0467	0.0115	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10719470002-R
Lab File ID: Y250331A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 12:15
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 03:38
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	32.96	1.25	0.341		0.0233	0.00629	
6	PCB-137			ND		0.0233	0.00469	
6	PCB-139/140			ND		0.0467	0.00671	
6	PCB-141	39.69	1.23	0.689		0.0233	0.00549	
6	PCB-142			ND		0.0233	0.00342	
6	PCB-144	36.03	1.29	0.174		0.0233	0.00627	
6	PCB-145			ND		0.0233	0.00517	
6	PCB-146	38.87	1.25	0.337		0.0233	0.00432	
6	PCB-147/149	36.40	1.23	2.38		0.0467	0.0138	
6	PCB-148			ND		0.0233	0.00525	
6	PCB-150			ND		0.0233	0.00500	
6	PCB-152			ND		0.0233	0.00516	
6	PCB-153/168	39.51	1.25	2.63		0.0467	0.0125	
6	PCB-154			ND		0.0233	0.00482	
6	PCB-155			ND		0.0233	0.00616	
6	PCB-156/157	44.99	1.25	0.156		0.0467	0.00623	
6	PCB-158	41.18	1.18	0.188		0.0233	0.00362	
6	PCB-159	43.03	1.20	0.0409		0.0233	0.00358	
6	PCB-160			ND		0.0233	0.00340	
6	PCB-161			ND		0.0233	0.00443	
6	PCB-162			ND		0.0233	0.00359	
6	PCB-164	40.44	1.26	0.185		0.0233	0.00373	
6	PCB-165			ND		0.0233	0.00363	
6	PCB-167	43.84	1.21	0.0579		0.0233	0.00345	
6	PCB-169			ND		0.0233	0.00343	
7	PCB-170	47.68	1.03	1.10		0.0233	0.00490	
7	PCB-171/173	44.11	1.04	0.370		0.0467	0.00762	
7	PCB-172	45.73	1.07	0.232		0.0233	0.00468	
7	PCB-174	43.02	1.05	1.52		0.0233	0.00570	
7	PCB-175	41.87	1.05	0.0676		0.0233	0.00459	
7	PCB-176	39.37	1.06	0.198		0.0233	0.00495	
7	PCB-177	43.45	1.04	0.832		0.0233	0.00473	
7	PCB-178	41.22	1.07	0.333		0.0233	0.00559	
7	PCB-179	38.45	1.02	0.645		0.0233	0.00511	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10719470002-R
Lab File ID: Y250331A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 12:15
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 03:38
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.40	1.03	2.95		0.0467	0.00900	
7	PCB-181			ND		0.0233	0.00425	
7	PCB-182			ND		0.0233	0.00480	
7	PCB-183/185	42.80	1.05	1.10		0.0467	0.00823	
7	PCB-184			ND		0.0233	0.00489	
7	PCB-186			ND		0.0233	0.00497	
7	PCB-187	42.15	1.03	1.65		0.0233	0.00755	
7	PCB-188			ND		0.0233	0.00443	
7	PCB-189	50.83	0.97	0.0418		0.0233	0.00450	
7	PCB-190	48.21	1.03	0.267		0.0233	0.00410	
7	PCB-191	46.75	1.05	0.0619		0.0233	0.00384	
7	PCB-192			ND		0.0233	0.00450	
8	PCB-194	52.94	0.88	0.700		0.0233	0.00435	
8	PCB-195	50.59	0.92	0.301		0.0233	0.00403	
8	PCB-196	49.05	0.93	0.426		0.0233	0.00505	
8	PCB-197/200	45.53	0.89	0.147		0.0467	0.00966	
8	PCB-198/199	48.38	0.89	0.776		0.0467	0.00728	
8	PCB-201	44.52	0.89	0.121		0.0233	0.00467	
8	PCB-202	43.59	0.89	0.155		0.0233	0.00447	
8	PCB-203	49.25	0.90	0.491		0.0233	0.00404	
8	PCB-204			ND		0.0233	0.00366	
8	PCB-205	53.41	0.78	0.0464		0.0233	0.00435	
9	PCB-206	55.16	0.77	0.216		0.0233	0.00712	
9	PCB-207	51.28	0.76	0.0322		0.0233	0.00547	
9	PCB-208	50.33	0.83	0.0374		0.0233	0.00467	
10	PCB-209			ND		0.0233	0.00731	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Canaan Town Line Bridge**
Lab Sample ID: 10719470002-R
Lab File ID: Y250331A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 12:15
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 03:38
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.208	
Total TrCB	0.122	
Total TeCB	0.665	
Total PeCB	2.63	
Total HxCB	11.8	
Total HpCB	11.4	
Total OcCB	3.16	
Total NoCB	0.285	
DeCB	ND	
Total PCBs	30.2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10719470003-R
Lab File ID: Y250331A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 13:05
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 04:39
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118086

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.94	3.04	2.00	0.833	42	
1	PCB-003L	12.63	3.12	2.00	1.06	53	
2	PCB-004L	12.93	1.61	2.00	0.968	48	
2	PCB-015L	19.85	1.60	2.00	1.40	70	
3	PCB-019L	16.66	1.04	2.00	1.01	51	
3	PCB-037L	27.52	1.04	2.00	1.62	81	
4	PCB-054L	20.20	0.79	2.00	1.04	52	
4	PCB-077L	35.17	0.78	2.00	1.62	81	
4	PCB-081L	34.60	0.78	2.00	1.70	85	
5	PCB-104L	26.22	1.58	2.00	1.24	62	
5	PCB-105L	38.78	1.62	2.00	1.43	71	
5	PCB-114L	38.13	1.59	2.00	1.54	77	
5	PCB-118L	37.58	1.61	2.00	1.59	79	
5	PCB-123L	37.24	1.58	2.00	1.58	79	
5	PCB-126L	41.92	1.60	2.00	1.49	74	
6	PCB-155L	32.22	1.26	2.00	1.60	80	
6	PCB-156/157L	44.99	1.27	4.00	3.06	77	
6	PCB-167L	43.82	1.27	2.00	1.62	81	
6	PCB-169L	48.26	1.28	2.00	1.36	68	
7	PCB-188L	38.11	1.08	2.00	2.51	126	
7	PCB-189L	50.81	1.07	2.00	1.81	90	
8	PCB-202L	43.57	0.89	2.00	2.22	111	
8	PCB-205L	53.39	0.93	2.00	1.58	79	
9	PCB-206L	55.14	0.81	2.00	1.38	69	
9	PCB-208L	50.31	0.79	2.00	1.81	90	
10	PCB-209L	56.75	0.70	2.00	1.27	64	
Recovery Standards							
2	PCB-009L	15.32	1.58	2.00	2.45	N/A	
4	PCB-052L	25.19	0.77	2.00	2.68	N/A	
5	PCB-101L	32.44	1.59	2.00	2.58	N/A	
6	PCB-138L	40.75	1.26	2.00	2.31	N/A	
8	PCB-194L	52.92	0.93	2.00	1.49	N/A	
Cleanup Standards							
3	PCB-028L	23.21	1.04	2.00	1.59	80	
5	PCB-111L	35.22	1.57	2.00	1.45	72	
7	PCB-178L	41.20	1.06	2.00	1.73	87	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10719470003-R
Lab File ID: Y250331A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 13:05
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 04:39
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0225	0.00595	
1	PCB-002			ND		0.0225	0.00427	
1	PCB-003			ND		0.0225	0.00754	
2	PCB-004	12.95	1.45	0.256		0.0225	0.00696	
2	PCB-005			ND		0.0225	0.00542	
2	PCB-006			ND		0.0225	0.00337	
2	PCB-007			ND		0.0225	0.00284	
2	PCB-008			ND		0.0225	0.00988	
2	PCB-009			ND		0.0225	0.00314	
2	PCB-010			ND		0.0225	0.00363	
2	PCB-011			ND		0.220	0.0862	
2	PCB-012/013			ND		0.0449	0.00539	
2	PCB-014			ND		0.0225	0.00316	
2	PCB-015			ND		0.0296	0.00584	
3	PCB-016			ND		0.0225	0.00550	
3	PCB-017	19.31	1.05	0.0235		0.0225	0.00517	
3	PCB-018/030			ND		0.0449	0.0112	
3	PCB-019	16.68	1.03	0.130		0.0225	0.00445	
3	PCB-020/028			ND		0.116	0.0167	
3	PCB-021/033			ND		0.121	0.0168	
3	PCB-022			ND		0.0853	0.0135	
3	PCB-023			ND		0.0225	0.00247	
3	PCB-024			ND		0.0225	0.00318	
3	PCB-025			ND		0.0225	0.00343	
3	PCB-026/029			ND		0.0449	0.00555	
3	PCB-027			ND		0.0225	0.00355	
3	PCB-031			ND		0.117	0.0227	
3	PCB-032			ND		0.0225	0.00359	
3	PCB-034			ND		0.0225	0.00343	
3	PCB-035			ND		0.0225	0.00314	
3	PCB-036			ND		0.0225	0.00312	
3	PCB-037			ND		0.0476	0.00682	
3	PCB-038			ND		0.0225	0.00314	
3	PCB-039			ND		0.0225	0.00285	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10719470003-R
Lab File ID: Y250331A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 13:05
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 04:39
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0674	0.0121	
4	PCB-042			ND		0.0225	0.00424	
4	PCB-043/073			ND		0.0449	0.00749	
4	PCB-044/047/065	26.33	0.80	0.207		0.0674	0.0140	
4	PCB-045/051	23.43	0.78	0.0713		0.0449	0.00663	
4	PCB-046			ND		0.0225	0.00344	
4	PCB-048			ND		0.0225	0.00395	
4	PCB-069/049	25.75	0.78	0.131		0.0449	0.0102	
4	PCB-050/053	22.59	0.76	0.117		0.0449	0.00610	
4	PCB-052	25.21	0.76	0.118		0.116	0.0314	
4	PCB-054	20.21	0.78	0.0330		0.0225	0.00431	
4	PCB-055			ND		0.0225	0.00359	
4	PCB-056			ND		0.0225	0.00472	
4	PCB-057			ND		0.0225	0.00307	
4	PCB-058			ND		0.0225	0.00427	
4	PCB-059/062/075			ND		0.0674	0.00996	
4	PCB-060			ND		0.0225	0.00356	
4	PCB-061/070/074/076			ND		0.0898	0.0191	
4	PCB-063			ND		0.0225	0.00334	
4	PCB-064			ND		0.0225	0.00539	
4	PCB-066			ND		0.0530	0.00853	
4	PCB-067			ND		0.0225	0.00298	
4	PCB-068			ND		0.0225	0.00301	
4	PCB-072			ND		0.0225	0.00283	
4	PCB-077			ND		0.0225	0.00305	
4	PCB-078			ND		0.0225	0.00356	
4	PCB-079			ND		0.0225	0.00348	
4	PCB-080			ND		0.0225	0.00314	
4	PCB-081			ND		0.0225	0.00281	
5	PCB-082			ND		0.0225	0.00506	
5	PCB-083			ND		0.0225	0.00511	
5	PCB-084			ND		0.0225	0.00573	
5	PCB-085/116/117			ND		0.0674	0.0125	
5	PCB-086/087/097/108/119/12			ND		0.135	0.0276	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10719470003-R
Lab File ID: Y250331A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 13:05
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 04:39
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0449	0.00921	
5	PCB-089			ND		0.0225	0.00404	
5	PCB-090/101/113	32.46	1.53	0.156		0.0674	0.0225	
5	PCB-092	31.85	1.59	0.0487		0.0225	0.00472	
5	PCB-093/098/100/102			ND		0.0898	0.0176	
5	PCB-094			ND		0.0225	0.00414	
5	PCB-095	29.37	1.53	0.117	U	0.0629	0.0204	
5	PCB-096			ND		0.0225	0.00494	
5	PCB-099	33.08	1.48	0.0685		0.0225	0.00842	
5	PCB-103			ND		0.0225	0.00473	
5	PCB-104			ND		0.0225	0.00539	
5	PCB-105			ND		0.0225	0.00409	
5	PCB-106			ND		0.0225	0.00331	
5	PCB-107/124			ND		0.0449	0.00597	
5	PCB-109			ND		0.0225	0.00282	
5	PCB-110/115	34.50	1.55	0.113	U	0.0449	0.0168	
5	PCB-111			ND		0.0225	0.00410	
5	PCB-112			ND		0.0225	0.00484	
5	PCB-114			ND		0.0225	0.00285	
5	PCB-118	37.59	1.61	0.0461		0.0350	0.00831	
5	PCB-120			ND		0.0225	0.00509	
5	PCB-121			ND		0.0225	0.00417	
5	PCB-122			ND		0.0225	0.00359	
5	PCB-123			ND		0.0225	0.00356	
5	PCB-126			ND		0.0225	0.00360	
5	PCB-127			ND		0.0225	0.00241	
6	PCB-128/166			ND		0.0449	0.00714	
6	PCB-129/138/163	40.78	1.23	0.255		0.0674	0.0125	
6	PCB-130			ND		0.0225	0.00413	
6	PCB-131			ND		0.0225	0.00411	
6	PCB-132	37.69	1.27	0.0679		0.0225	0.00506	
6	PCB-133			ND		0.0225	0.00422	
6	PCB-134/143			ND		0.0449	0.00807	
6	PCB-135/151	35.46	1.27	0.149		0.0449	0.0111	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10719470003-R
Lab File ID: Y250331A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 13:05
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 04:39
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	32.96	1.30	0.0385		0.0225	0.00605	
6	PCB-137			ND		0.0225	0.00451	
6	PCB-139/140			ND		0.0449	0.00646	
6	PCB-141	39.71	1.20	0.0499		0.0225	0.00528	
6	PCB-142			ND		0.0225	0.00329	
6	PCB-144			ND		0.0225	0.00603	
6	PCB-145			ND		0.0225	0.00497	
6	PCB-146	38.89	1.26	0.0615		0.0225	0.00415	
6	PCB-147/149	36.42	1.24	0.269		0.0449	0.0133	
6	PCB-148			ND		0.0225	0.00505	
6	PCB-150			ND		0.0225	0.00481	
6	PCB-152			ND		0.0225	0.00496	
6	PCB-153/168	39.51	1.24	0.283		0.0449	0.0120	
6	PCB-154			ND		0.0225	0.00464	
6	PCB-155			ND		0.0225	0.00593	
6	PCB-156/157			ND		0.0449	0.00600	
6	PCB-158			ND		0.0225	0.00348	
6	PCB-159			ND		0.0225	0.00345	
6	PCB-160			ND		0.0225	0.00327	
6	PCB-161			ND		0.0225	0.00427	
6	PCB-162			ND		0.0225	0.00346	
6	PCB-164			ND		0.0225	0.00359	
6	PCB-165			ND		0.0225	0.00349	
6	PCB-167			ND		0.0225	0.00332	
6	PCB-169			ND		0.0225	0.00330	
7	PCB-170	47.68	0.99	0.0768		0.0225	0.00472	
7	PCB-171/173			ND		0.0449	0.00733	
7	PCB-172			ND		0.0225	0.00450	
7	PCB-174	43.02	1.04	0.101		0.0225	0.00548	
7	PCB-175			ND		0.0225	0.00441	
7	PCB-176			ND		0.0225	0.00476	
7	PCB-177	43.47	1.04	0.0692		0.0225	0.00455	
7	PCB-178	41.23	1.06	0.0308		0.0225	0.00538	
7	PCB-179	38.47	1.01	0.0540		0.0225	0.00492	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10719470003-R
Lab File ID: Y250331A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 13:05
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 04:39
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.42	1.10	0.187		0.0449	0.00866	
7	PCB-181			ND		0.0225	0.00409	
7	PCB-182			ND		0.0225	0.00462	
7	PCB-183/185	42.80	1.06	0.0695		0.0449	0.00792	
7	PCB-184			ND		0.0225	0.00471	
7	PCB-186			ND		0.0225	0.00478	
7	PCB-187	42.15	1.06	0.136		0.0225	0.00727	
7	PCB-188			ND		0.0225	0.00427	
7	PCB-189			ND		0.0225	0.00433	
7	PCB-190			ND		0.0225	0.00394	
7	PCB-191			ND		0.0225	0.00369	
7	PCB-192			ND		0.0225	0.00433	
8	PCB-194	52.94	0.87	0.0372		0.0225	0.00419	
8	PCB-195			ND		0.0225	0.00387	
8	PCB-196	49.05	0.90	0.0227		0.0225	0.00486	
8	PCB-197/200			ND		0.0449	0.00930	
8	PCB-198/199			ND		0.0449	0.00701	
8	PCB-201			ND		0.0225	0.00449	
8	PCB-202			ND		0.0225	0.00430	
8	PCB-203	49.25	0.90	0.0294		0.0225	0.00389	
8	PCB-204			ND		0.0225	0.00353	
8	PCB-205			ND		0.0225	0.00419	
9	PCB-206			ND		0.0225	0.00685	
9	PCB-207			ND		0.0225	0.00527	
9	PCB-208			ND		0.0225	0.00449	
10	PCB-209			ND		0.0225	0.00703	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Falls Village Dam**
Lab Sample ID: 10719470003-R
Lab File ID: Y250331A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 13:05
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 04:39
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1780mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.256	
Total TrCB	0.153	
Total TeCB	0.678	
Total PeCB	0.549	
Total HxCB	1.17	
Total HpCB	0.724	
Total OcCB	0.0893	
Total NoCB	ND	
DeCB	ND	
Total PCBs	3.62	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10719470004-R
Lab File ID: Y250331A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 14:45
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 05:39
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118086

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	9.96	3.17	2.00	0.764	38	
1	PCB-003L	12.66	3.13	2.00	1.02	51	
2	PCB-004L	12.95	1.60	2.00	0.935	47	
2	PCB-015L	19.87	1.58	2.00	1.41	71	
3	PCB-019L	16.67	1.04	2.00	0.997	50	
3	PCB-037L	27.52	1.05	2.00	1.61	81	
4	PCB-054L	20.20	0.78	2.00	1.07	54	
4	PCB-077L	35.17	0.78	2.00	1.56	78	
4	PCB-081L	34.60	0.79	2.00	1.67	84	
5	PCB-104L	26.22	1.62	2.00	1.29	65	
5	PCB-105L	38.77	1.61	2.00	1.36	68	
5	PCB-114L	38.13	1.61	2.00	1.48	74	
5	PCB-118L	37.58	1.59	2.00	1.53	77	
5	PCB-123L	37.24	1.61	2.00	1.52	76	
5	PCB-126L	41.92	1.59	2.00	1.43	71	
6	PCB-155L	32.22	1.27	2.00	1.64	82	
6	PCB-156/157L	44.99	1.30	4.00	2.96	74	
6	PCB-167L	43.82	1.28	2.00	1.59	79	
6	PCB-169L	48.26	1.28	2.00	1.29	65	
7	PCB-188L	38.11	1.06	2.00	2.49	125	
7	PCB-189L	50.81	1.05	2.00	1.78	89	
8	PCB-202L	43.57	0.91	2.00	2.14	107	
8	PCB-205L	53.39	0.90	2.00	1.50	75	
9	PCB-206L	55.14	0.79	2.00	1.38	69	
9	PCB-208L	50.33	0.78	2.00	1.73	86	
10	PCB-209L	56.75	0.70	2.00	1.23	62	
Recovery Standards							
2	PCB-009L	15.34	1.59	2.00	2.67	N/A	
4	PCB-052L	25.19	0.78	2.00	2.86	N/A	
5	PCB-101L	32.44	1.58	2.00	2.73	N/A	
6	PCB-138L	40.75	1.24	2.00	2.42	N/A	
8	PCB-194L	52.92	0.90	2.00	1.57	N/A	
Cleanup Standards							
3	PCB-028L	23.21	1.05	2.00	1.57	79	
5	PCB-111L	35.23	1.57	2.00	1.38	69	
7	PCB-178L	41.20	1.07	2.00	1.65	83	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10719470004-R
Lab File ID: Y250331A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 14:45
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 05:39
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0231	0.00611	
1	PCB-002			ND		0.0231	0.00438	
1	PCB-003			ND		0.0231	0.00773	
2	PCB-004	12.97	1.50	0.567		0.0231	0.00715	
2	PCB-005			ND		0.0231	0.00557	
2	PCB-006			ND		0.0231	0.00346	
2	PCB-007			ND		0.0231	0.00292	
2	PCB-008			ND		0.0231	0.0101	
2	PCB-009			ND		0.0231	0.00323	
2	PCB-010			ND		0.0231	0.00372	
2	PCB-011			ND		0.226	0.0885	
2	PCB-012/013			ND		0.0461	0.00553	
2	PCB-014			ND		0.0231	0.00324	
2	PCB-015			ND		0.0304	0.00599	
3	PCB-016			ND		0.0231	0.00565	
3	PCB-017	19.31	1.04	0.0487		0.0231	0.00530	
3	PCB-018/030	18.84	1.06	0.0463		0.0461	0.0115	
3	PCB-019	16.69	1.02	0.248		0.0231	0.00456	
3	PCB-020/028			ND		0.119	0.0172	
3	PCB-021/033			ND		0.124	0.0173	
3	PCB-022			ND		0.0876	0.0138	
3	PCB-023			ND		0.0231	0.00254	
3	PCB-024			ND		0.0231	0.00326	
3	PCB-025			ND		0.0231	0.00352	
3	PCB-026/029			ND		0.0461	0.00569	
3	PCB-027	19.55	1.08	0.0382		0.0231	0.00364	
3	PCB-031			ND		0.120	0.0233	
3	PCB-032	20.41	1.00	0.0333		0.0231	0.00369	
3	PCB-034			ND		0.0231	0.00352	
3	PCB-035			ND		0.0231	0.00323	
3	PCB-036			ND		0.0231	0.00320	
3	PCB-037			ND		0.0489	0.00700	
3	PCB-038			ND		0.0231	0.00323	
3	PCB-039			ND		0.0231	0.00293	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10719470004-R
Lab File ID: Y250331A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 14:45
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 05:39
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0692	0.0124	
4	PCB-042	26.84	0.72	0.0271		0.0231	0.00436	
4	PCB-043/073			ND		0.0461	0.00769	
4	PCB-044/047/065	26.33	0.77	0.382		0.0692	0.0144	
4	PCB-045/051	23.43	0.76	0.160		0.0461	0.00680	
4	PCB-046			ND		0.0231	0.00353	
4	PCB-048			ND		0.0231	0.00406	
4	PCB-069/049	25.75	0.78	0.247		0.0461	0.0105	
4	PCB-050/053	22.59	0.76	0.217		0.0461	0.00626	
4	PCB-052	25.21	0.77	0.216		0.119	0.0323	
4	PCB-054	20.21	0.77	0.0590		0.0231	0.00443	
4	PCB-055			ND		0.0231	0.00369	
4	PCB-056			ND		0.0231	0.00484	
4	PCB-057			ND		0.0231	0.00315	
4	PCB-058			ND		0.0231	0.00438	
4	PCB-059/062/075			ND		0.0692	0.0102	
4	PCB-060			ND		0.0231	0.00365	
4	PCB-061/070/074/076	30.30	0.75	0.0978		0.0922	0.0196	
4	PCB-063			ND		0.0231	0.00342	
4	PCB-064			ND		0.0231	0.00553	
4	PCB-066	30.65	0.79	0.0600		0.0544	0.00876	
4	PCB-067			ND		0.0231	0.00305	
4	PCB-068			ND		0.0231	0.00309	
4	PCB-072			ND		0.0231	0.00290	
4	PCB-077			ND		0.0231	0.00314	
4	PCB-078			ND		0.0231	0.00365	
4	PCB-079			ND		0.0231	0.00357	
4	PCB-080			ND		0.0231	0.00323	
4	PCB-081			ND		0.0231	0.00288	
5	PCB-082			ND		0.0231	0.00520	
5	PCB-083			ND		0.0231	0.00524	
5	PCB-084	30.51	1.54	0.0482		0.0231	0.00588	
5	PCB-085/116/117			ND		0.0692	0.0128	
5	PCB-086/087/097/108/119/12	33.63	1.56	0.151		0.138	0.0284	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10719470004-R
Lab File ID: Y250331A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 14:45
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 05:39
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	30.30	1.55	0.0773		0.0461	0.00945	
5	PCB-089			ND		0.0231	0.00415	
5	PCB-090/101/113	32.46	1.56	0.327		0.0692	0.0231	
5	PCB-092	31.85	1.55	0.0899		0.0231	0.00484	
5	PCB-093/098/100/102			ND		0.0922	0.0181	
5	PCB-094			ND		0.0231	0.00425	
5	PCB-095	29.37	1.55	0.233	U	0.0645	0.0210	
5	PCB-096			ND		0.0231	0.00507	
5	PCB-099	33.08	1.58	0.142		0.0231	0.00864	
5	PCB-103			ND		0.0231	0.00485	
5	PCB-104			ND		0.0231	0.00553	
5	PCB-105	38.80	1.50	0.0642		0.0231	0.00420	
5	PCB-106			ND		0.0231	0.00340	
5	PCB-107/124			ND		0.0461	0.00613	
5	PCB-109			ND		0.0231	0.00289	
5	PCB-110/115	34.50	1.52	0.287		0.0461	0.0173	
5	PCB-111			ND		0.0231	0.00421	
5	PCB-112			ND		0.0231	0.00497	
5	PCB-114			ND		0.0231	0.00293	
5	PCB-118	37.59	1.63	0.158		0.0360	0.00853	
5	PCB-120			ND		0.0231	0.00522	
5	PCB-121			ND		0.0231	0.00428	
5	PCB-122			ND		0.0231	0.00369	
5	PCB-123			ND		0.0231	0.00365	
5	PCB-126			ND		0.0231	0.00370	
5	PCB-127			ND		0.0231	0.00248	
6	PCB-128/166			ND		0.0461	0.00733	
6	PCB-129/138/163	40.78	1.24	0.548		0.0692	0.0128	
6	PCB-130	40.13	1.35	0.0309		0.0231	0.00424	
6	PCB-131			ND		0.0231	0.00422	
6	PCB-132	37.70	1.28	0.152		0.0231	0.00520	
6	PCB-133			ND		0.0231	0.00433	
6	PCB-134/143			ND		0.0461	0.00829	
6	PCB-135/151	35.46	1.25	0.278		0.0461	0.0114	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10719470004-R
Lab File ID: Y250331A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 14:45
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 05:39
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	32.96	1.23	0.0762		0.0231	0.00621	
6	PCB-137			ND		0.0231	0.00463	
6	PCB-139/140			ND		0.0461	0.00663	
6	PCB-141	39.71	1.25	0.107		0.0231	0.00542	
6	PCB-142			ND		0.0231	0.00338	
6	PCB-144	36.05	1.21	0.0269		0.0231	0.00619	
6	PCB-145			ND		0.0231	0.00511	
6	PCB-146	38.89	1.24	0.114		0.0231	0.00426	
6	PCB-147/149	36.42	1.27	0.526		0.0461	0.0136	
6	PCB-148			ND		0.0231	0.00519	
6	PCB-150			ND		0.0231	0.00493	
6	PCB-152			ND		0.0231	0.00509	
6	PCB-153/168	39.51	1.25	0.560		0.0461	0.0123	
6	PCB-154			ND		0.0231	0.00476	
6	PCB-155			ND		0.0231	0.00609	
6	PCB-156/157			ND		0.0461	0.00616	
6	PCB-158	41.18	1.13	0.0380		0.0231	0.00357	
6	PCB-159			ND		0.0231	0.00354	
6	PCB-160			ND		0.0231	0.00335	
6	PCB-161			ND		0.0231	0.00438	
6	PCB-162			ND		0.0231	0.00355	
6	PCB-164	40.46	1.25	0.0400		0.0231	0.00369	
6	PCB-165			ND		0.0231	0.00358	
6	PCB-167			ND		0.0231	0.00341	
6	PCB-169			ND		0.0231	0.00339	
7	PCB-170	47.68	1.06	0.164		0.0231	0.00484	
7	PCB-171/173	44.11	1.00	0.0534		0.0461	0.00753	
7	PCB-172	45.75	1.01	0.0372		0.0231	0.00462	
7	PCB-174	43.02	1.00	0.206		0.0231	0.00562	
7	PCB-175			ND		0.0231	0.00453	
7	PCB-176	39.37	1.00	0.0279		0.0231	0.00489	
7	PCB-177	43.47	1.04	0.135		0.0231	0.00467	
7	PCB-178	41.23	1.00	0.0588		0.0231	0.00552	
7	PCB-179	38.47	1.03	0.101		0.0231	0.00505	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10719470004-R
Lab File ID: Y250331A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 14:45
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 05:39
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	46.40	1.05	0.394		0.0461	0.00889	
7	PCB-181			ND		0.0231	0.00420	
7	PCB-182			ND		0.0231	0.00474	
7	PCB-183/185	42.80	0.97	0.141		0.0461	0.00813	
7	PCB-184			ND		0.0231	0.00483	
7	PCB-186			ND		0.0231	0.00491	
7	PCB-187	42.16	1.05	0.261		0.0231	0.00746	
7	PCB-188			ND		0.0231	0.00438	
7	PCB-189			ND		0.0231	0.00445	
7	PCB-190	48.23	1.07	0.0375		0.0231	0.00405	
7	PCB-191			ND		0.0231	0.00379	
7	PCB-192			ND		0.0231	0.00445	
8	PCB-194	52.94	0.89	0.0882		0.0231	0.00430	
8	PCB-195	50.59	0.94	0.0415		0.0231	0.00398	
8	PCB-196	49.05	0.88	0.0519		0.0231	0.00499	
8	PCB-197/200			ND		0.0461	0.00954	
8	PCB-198/199	48.38	0.86	0.0984		0.0461	0.00719	
8	PCB-201			ND		0.0231	0.00461	
8	PCB-202			ND		0.0231	0.00441	
8	PCB-203	49.25	0.90	0.0611		0.0231	0.00399	
8	PCB-204			ND		0.0231	0.00362	
8	PCB-205			ND		0.0231	0.00430	
9	PCB-206	55.16	0.81	0.0265		0.0231	0.00703	
9	PCB-207			ND		0.0231	0.00541	
9	PCB-208			ND		0.0231	0.00461	
10	PCB-209			ND		0.0231	0.00722	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rannapo Rd Bridge**
Lab Sample ID: 10719470004-R
Lab File ID: Y250331A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/11/2024 14:45
Date Received: 12/18/2024 12:20
Date Extracted: 03/20/2025 12:00
Date Analyzed: 03/31/2025 05:39
Method Blank ID: BLANK-118084
Lab Spike ID(s): LCS-118085/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1740mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR12 (Y)
GC Column ID: 285758-02
Ical ID: Y250331A02
CCal File(s): Y250331A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.567	
Total TrCB	0.415	
Total TeCB	1.47	
Total PeCB	1.58	
Total HxCB	2.50	
Total HpCB	1.62	
Total OcCB	0.341	
Total NoCB	0.0265	
DeCB	ND	
Total PCBs	8.51	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10719470005-R
Lab File ID: P250406A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024 13:15
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 07:35
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118238

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1850mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.27	3.16	2.00	1.06	53	
1	PCB-003L	13.07	3.10	2.00	1.27	64	
2	PCB-004L	13.36	1.58	2.00	0.970	49	
2	PCB-015L	20.45	1.59	2.00	1.63	81	
3	PCB-019L	17.19	1.06	2.00	1.04	52	
3	PCB-037L	28.26	1.07	2.00	2.28	114	
4	PCB-054L	20.80	0.80	2.00	1.28	64	
4	PCB-077L	36.00	0.80	2.00	2.32	116	
4	PCB-081L	35.42	0.80	2.00	2.31	115	
5	PCB-104L	26.93	1.60	2.00	1.43	72	
5	PCB-105L	39.64	1.59	2.00	2.46	123	
5	PCB-114L	38.99	1.60	2.00	2.47	123	
5	PCB-118L	38.42	1.61	2.00	2.45	122	
5	PCB-123L	38.08	1.59	2.00	2.43	122	
5	PCB-126L	42.82	1.56	2.00	2.55	128	
6	PCB-155L	33.02	1.28	2.00	1.43	71	
6	PCB-156/157L	45.92	1.24	4.00	4.62	115	
6	PCB-167L	44.72	1.26	2.00	2.33	116	
6	PCB-169L	49.22	1.26	2.00	2.38	119	
7	PCB-188L	38.97	1.06	2.00	1.48	74	
7	PCB-189L	51.79	1.06	2.00	2.26	113	
8	PCB-202L	44.48	0.91	2.00	1.52	76	
8	PCB-205L	54.42	0.90	2.00	1.81	91	
9	PCB-206L	56.17	0.80	2.00	1.65	83	
9	PCB-208L	51.31	0.80	2.00	1.65	83	
10	PCB-209L	57.81	0.72	2.00	1.60	80	
Recovery Standards							
2	PCB-009L	15.82	1.59	2.00	2.50	N/A	
4	PCB-052L	25.89	0.79	2.00	2.21	N/A	
5	PCB-101L	33.23	1.61	2.00	2.14	N/A	
6	PCB-138L	41.64	1.26	2.00	2.43	N/A	
8	PCB-194L	53.93	0.91	2.00	2.64	N/A	
Cleanup Standards							
3	PCB-028L	23.89	1.06	2.00	1.98	99	
5	PCB-111L	36.04	1.59	2.00	1.71	85	
7	PCB-178L	42.10	1.06	2.00	1.65	82	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10719470005-R
Lab File ID: P250406A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024 13:15
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 07:35
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1850mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0216	0.00572	
1	PCB-002			ND		0.0216	0.00410	
1	PCB-003			ND		0.0216	0.00724	
2	PCB-004	13.39	1.58	0.981		0.0216	0.00669	
2	PCB-005			ND		0.0216	0.00521	
2	PCB-006			ND		0.0216	0.00324	
2	PCB-007			ND		0.0216	0.00273	
2	PCB-008			ND		0.0216	0.00950	
2	PCB-009			ND		0.0216	0.00302	
2	PCB-010	13.62	1.65	0.0450		0.0216	0.00349	
2	PCB-011			ND		0.211	0.0829	
2	PCB-012/013			ND		0.0432	0.00518	
2	PCB-014			ND		0.0216	0.00303	
2	PCB-015	20.47	1.53	0.0888		0.0285	0.00561	
3	PCB-016	20.42	1.05	0.0220		0.0216	0.00529	
3	PCB-017	19.90	1.04	0.179		0.0216	0.00496	
3	PCB-018/030	19.42	1.05	0.158		0.0432	0.0108	
3	PCB-019	17.22	1.05	1.26		0.0216	0.00427	
3	PCB-020/028	23.90	1.06	0.151		0.111	0.0161	
3	PCB-021/033			ND		0.117	0.0162	
3	PCB-022			ND		0.0820	0.0129	
3	PCB-023			ND		0.0216	0.00237	
3	PCB-024			ND		0.0216	0.00305	
3	PCB-025	23.24	1.04	0.0931		0.0216	0.00329	
3	PCB-026/029	22.95	1.08	0.0959		0.0432	0.00533	
3	PCB-027	20.14	1.06	0.197		0.0216	0.00341	
3	PCB-031			ND		0.112	0.0218	
3	PCB-032	21.03	1.02	0.134		0.0216	0.00345	
3	PCB-034			ND		0.0216	0.00329	
3	PCB-035			ND		0.0216	0.00302	
3	PCB-036			ND		0.0216	0.00300	
3	PCB-037			ND		0.0458	0.00655	
3	PCB-038			ND		0.0216	0.00302	
3	PCB-039			ND		0.0216	0.00274	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10719470005-R
Lab File ID: P250406A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024 13:15
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 07:35
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1850mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.11	0.79	0.406		0.0647	0.0117	
4	PCB-042	27.58	0.79	0.162		0.0216	0.00408	
4	PCB-043/073	26.08	0.80	0.102		0.0432	0.00720	
4	PCB-044/047/065	27.06	0.78	3.42		0.0647	0.0135	
4	PCB-045/051	24.09	0.78	1.31		0.0432	0.00637	
4	PCB-046	24.35	0.77	0.0924		0.0216	0.00330	
4	PCB-048			ND		0.0216	0.00380	
4	PCB-069/049	26.45	0.79	1.82		0.0432	0.00982	
4	PCB-050/053	23.26	0.78	1.58		0.0432	0.00586	
4	PCB-052	25.92	0.78	1.31		0.111	0.0302	
4	PCB-054	20.82	0.79	0.523		0.0216	0.00414	
4	PCB-055			ND		0.0216	0.00345	
4	PCB-056			ND		0.0216	0.00453	
4	PCB-057			ND		0.0216	0.00295	
4	PCB-058			ND		0.0216	0.00410	
4	PCB-059/062/075	27.40	0.78	0.0696		0.0647	0.00957	
4	PCB-060			ND		0.0216	0.00342	
4	PCB-061/070/074/076	31.07	0.78	0.231		0.0863	0.0183	
4	PCB-063	30.73	0.77	0.0219		0.0216	0.00320	
4	PCB-064	28.34	0.79	0.0613		0.0216	0.00518	
4	PCB-066	31.42	0.79	0.275		0.0509	0.00820	
4	PCB-067			ND		0.0216	0.00286	
4	PCB-068	29.55	0.80	0.0595		0.0216	0.00289	
4	PCB-072	29.25	0.79	0.0384		0.0216	0.00272	
4	PCB-077			ND		0.0216	0.00293	
4	PCB-078			ND		0.0216	0.00342	
4	PCB-079			ND		0.0216	0.00335	
4	PCB-080			ND		0.0216	0.00302	
4	PCB-081			ND		0.0216	0.00270	
5	PCB-082	35.67	1.55	0.0544		0.0216	0.00487	
5	PCB-083	33.75	1.48	0.0778		0.0216	0.00491	
5	PCB-084	31.29	1.58	0.193		0.0216	0.00550	
5	PCB-085/116/117	35.12	1.55	0.207		0.0647	0.0120	
5	PCB-086/087/097/108/119/12	34.42	1.56	0.684		0.129	0.0265	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10719470005-R
Lab File ID: P250406A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024 13:15
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 07:35
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1850mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.07	1.58	0.798		0.0432	0.00885	
5	PCB-089			ND		0.0216	0.00388	
5	PCB-090/101/113	33.26	1.56	2.22		0.0647	0.0216	
5	PCB-092	32.63	1.58	0.743		0.0216	0.00453	
5	PCB-093/098/100/102	30.41	1.53	0.642		0.0863	0.0169	
5	PCB-094	29.67	1.55	0.152		0.0216	0.00398	
5	PCB-095	30.13	1.58	1.72		0.0604	0.0196	
5	PCB-096	27.35	1.53	0.0911		0.0216	0.00475	
5	PCB-099	33.87	1.57	0.993		0.0216	0.00809	
5	PCB-103	29.44	1.56	0.253		0.0216	0.00454	
5	PCB-104	26.97	1.59	0.0653		0.0216	0.00518	
5	PCB-105	39.67	1.55	0.157		0.0216	0.00393	
5	PCB-106			ND		0.0216	0.00318	
5	PCB-107/124			ND		0.0432	0.00574	
5	PCB-109	37.98	1.56	0.0685		0.0216	0.00271	
5	PCB-110/115	35.33	1.55	1.34		0.0432	0.0162	
5	PCB-111			ND		0.0216	0.00394	
5	PCB-112			ND		0.0216	0.00465	
5	PCB-114			ND		0.0216	0.00274	
5	PCB-118	38.46	1.57	0.677		0.0337	0.00798	
5	PCB-120	36.55	1.67	0.0242		0.0216	0.00489	
5	PCB-121			ND		0.0216	0.00400	
5	PCB-122			ND		0.0216	0.00345	
5	PCB-123			ND		0.0216	0.00342	
5	PCB-126			ND		0.0216	0.00346	
5	PCB-127			ND		0.0216	0.00232	
6	PCB-128/166	42.97	1.27	0.290		0.0432	0.00686	
6	PCB-129/138/163	41.67	1.25	4.31		0.0647	0.0120	
6	PCB-130	40.99	1.34	0.212		0.0216	0.00397	
6	PCB-131	38.10	1.18	0.0252		0.0216	0.00395	
6	PCB-132	38.56	1.26	1.15		0.0216	0.00487	
6	PCB-133	39.07	1.22	0.122		0.0216	0.00406	
6	PCB-134/143	37.46	1.26	0.201		0.0432	0.00776	
6	PCB-135/151	36.29	1.24	2.37		0.0432	0.0107	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10719470005-R
Lab File ID: P250406A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024 13:15
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 07:35
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1850mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.78	1.26	0.709		0.0216	0.00582	
6	PCB-137	41.23	1.30	0.0583		0.0216	0.00434	
6	PCB-139/140	37.89	1.27	0.0505		0.0432	0.00620	
6	PCB-141	40.58	1.25	0.824		0.0216	0.00507	
6	PCB-142			ND		0.0216	0.00316	
6	PCB-144	36.89	1.23	0.218		0.0216	0.00579	
6	PCB-145			ND		0.0216	0.00478	
6	PCB-146	39.74	1.25	0.789		0.0216	0.00399	
6	PCB-147/149	37.26	1.25	4.40		0.0432	0.0127	
6	PCB-148	35.68	1.22	0.0408		0.0216	0.00486	
6	PCB-150	33.41	1.28	0.0446		0.0216	0.00462	
6	PCB-152	33.23	1.24	0.0369		0.0216	0.00477	
6	PCB-153/168	40.37	1.26	4.68		0.0432	0.0115	
6	PCB-154	36.57	1.24	0.138		0.0216	0.00446	
6	PCB-155			ND		0.0216	0.00570	
6	PCB-156/157	45.92	1.27	0.222		0.0432	0.00576	
6	PCB-158	42.08	1.28	0.263		0.0216	0.00335	
6	PCB-159	43.95	1.25	0.0486		0.0216	0.00331	
6	PCB-160			ND		0.0216	0.00314	
6	PCB-161			ND		0.0216	0.00410	
6	PCB-162			ND		0.0216	0.00332	
6	PCB-164	41.35	1.24	0.298		0.0216	0.00345	
6	PCB-165			ND		0.0216	0.00336	
6	PCB-167	44.76	1.26	0.132		0.0216	0.00319	
6	PCB-169			ND		0.0216	0.00317	
7	PCB-170	48.64	1.05	1.52		0.0216	0.00453	
7	PCB-171/173	45.03	1.04	0.491		0.0432	0.00705	
7	PCB-172	46.67	1.05	0.316		0.0216	0.00433	
7	PCB-174	43.94	1.05	1.83		0.0216	0.00527	
7	PCB-175	42.79	0.95	0.0738		0.0216	0.00424	
7	PCB-176	40.25	1.03	0.249		0.0216	0.00458	
7	PCB-177	44.38	1.03	1.18		0.0216	0.00437	
7	PCB-178	42.12	1.03	0.501		0.0216	0.00517	
7	PCB-179	39.33	1.05	0.912		0.0216	0.00473	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10719470005-R
Lab File ID: P250406A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024 13:15
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 07:35
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1850mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.36	1.03	3.65		0.0432	0.00832	
7	PCB-181			ND		0.0216	0.00393	
7	PCB-182			ND		0.0216	0.00443	
7	PCB-183/185	43.71	1.05	1.23	J	0.0432	0.00761	
7	PCB-184			ND		0.0216	0.00452	
7	PCB-186			ND		0.0216	0.00460	
7	PCB-187	43.06	1.03	2.51		0.0216	0.00698	
7	PCB-188			ND		0.0216	0.00410	
7	PCB-189	51.82	1.06	0.0685		0.0216	0.00417	
7	PCB-190	49.19	1.07	0.350		0.0216	0.00379	
7	PCB-191	47.72	0.97	0.0626		0.0216	0.00355	
7	PCB-192			ND		0.0216	0.00417	
8	PCB-194	53.95	0.90	0.864	J	0.0216	0.00402	
8	PCB-195	51.60	0.92	0.430		0.0216	0.00372	
8	PCB-196	50.03	0.90	0.484		0.0216	0.00467	
8	PCB-197/200	46.49	0.93	0.183		0.0432	0.00893	
8	PCB-198/199	49.36	0.88	0.993		0.0432	0.00673	
8	PCB-201	45.46	0.91	0.124	J	0.0216	0.00432	
8	PCB-202	44.50	0.89	0.182		0.0216	0.00413	
8	PCB-203	50.23	0.88	0.663	J	0.0216	0.00373	
8	PCB-204			ND		0.0216	0.00339	
8	PCB-205	54.44	1.00	0.0527		0.0216	0.00402	
9	PCB-206	56.19	0.80	0.240		0.0216	0.00658	
9	PCB-207	52.28	0.75	0.0344		0.0216	0.00506	
9	PCB-208	51.33	0.76	0.0499		0.0216	0.00432	
10	PCB-209	57.84	0.67	0.0221		0.0216	0.00675	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Rising Pond Dam**
Lab Sample ID: 10719470005-R
Lab File ID: P250406A_04
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024 13:15
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 07:35
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1850mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	1.12	
Total TrCB	2.29	
Total TeCB	11.5	
Total PeCB	11.2	
Total HxCB	21.6	
Total HpCB	14.9	
Total OcCB	3.97	
Total NoCB	0.325	
DeCB	0.0221	
Total PCBs	67.0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10719470006-R
Lab File ID: P250406A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 08:37
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118238

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1920mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.27	3.19	2.00	0.748	37	
1	PCB-003L	13.08	3.10	2.00	0.977	49	
2	PCB-004L	13.38	1.58	2.00	0.794	40	
2	PCB-015L	20.47	1.62	2.00	1.33	66	
3	PCB-019L	17.21	1.07	2.00	0.861	43	
3	PCB-037L	28.29	1.07	2.00	1.84	92	
4	PCB-054L	20.82	0.80	2.00	1.04	52	
4	PCB-077L	36.04	0.78	2.00	1.87	93	
4	PCB-081L	35.46	0.80	2.00	1.85	92	
5	PCB-104L	26.97	1.63	2.00	1.09	54	
5	PCB-105L	39.67	1.56	2.00	1.84	92	
5	PCB-114L	39.01	1.58	2.00	1.88	94	
5	PCB-118L	38.46	1.58	2.00	1.87	93	
5	PCB-123L	38.12	1.58	2.00	1.86	93	
5	PCB-126L	42.86	1.57	2.00	1.90	95	
6	PCB-155L	33.06	1.27	2.00	1.04	52	
6	PCB-156/157L	45.96	1.27	4.00	3.35	84	
6	PCB-167L	44.76	1.27	2.00	1.71	85	
6	PCB-169L	49.26	1.28	2.00	1.66	83	
7	PCB-188L	39.01	1.07	2.00	1.06	53	
7	PCB-189L	51.84	1.06	2.00	1.59	79	
8	PCB-202L	44.52	0.90	2.00	1.03	52	
8	PCB-205L	54.44	0.90	2.00	1.20	60	
9	PCB-206L	56.20	0.79	2.00	1.02	51	
9	PCB-208L	51.33	0.79	2.00	1.10	55	
10	PCB-209L	57.84	0.72	2.00	0.974	49	
Recovery Standards							
2	PCB-009L	15.85	1.59	2.00	2.53	N/A	
4	PCB-052L	25.92	0.79	2.00	2.26	N/A	
5	PCB-101L	33.26	1.57	2.00	2.22	N/A	
6	PCB-138L	41.68	1.27	2.00	2.43	N/A	
8	PCB-194L	53.95	0.92	2.00	2.62	N/A	
Cleanup Standards							
3	PCB-028L	23.90	1.05	2.00	1.91	95	
5	PCB-111L	36.07	1.59	2.00	1.66	83	
7	PCB-178L	42.14	1.07	2.00	1.64	82	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10719470006-R
Lab File ID: P250406A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 08:37
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1920mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0209	0.00553	
1	PCB-002			ND		0.0209	0.00396	
1	PCB-003			ND		0.0209	0.00700	
2	PCB-004	13.40	1.58	1.08		0.0209	0.00647	
2	PCB-005			ND		0.0209	0.00504	
2	PCB-006			ND		0.0209	0.00313	
2	PCB-007			ND		0.0209	0.00264	
2	PCB-008			ND		0.0209	0.00918	
2	PCB-009			ND		0.0209	0.00292	
2	PCB-010	13.63	1.59	0.0432		0.0209	0.00337	
2	PCB-011			ND		0.204	0.0801	
2	PCB-012/013			ND		0.0417	0.00501	
2	PCB-014			ND		0.0209	0.00293	
2	PCB-015	20.50	1.53	0.0931		0.0275	0.00542	
3	PCB-016	20.44	1.12	0.0240		0.0209	0.00511	
3	PCB-017	19.92	1.03	0.186		0.0209	0.00480	
3	PCB-018/030	19.43	1.05	0.168		0.0417	0.0104	
3	PCB-019	17.23	1.07	1.22		0.0209	0.00413	
3	PCB-020/028	23.94	1.06	0.158		0.108	0.0155	
3	PCB-021/033			ND		0.113	0.0156	
3	PCB-022			ND		0.0793	0.0125	
3	PCB-023			ND		0.0209	0.00229	
3	PCB-024			ND		0.0209	0.00295	
3	PCB-025	23.26	1.07	0.0940		0.0209	0.00318	
3	PCB-026/029	22.98	1.06	0.104		0.0417	0.00515	
3	PCB-027	20.17	1.03	0.195		0.0209	0.00330	
3	PCB-031			ND		0.108	0.0211	
3	PCB-032	21.05	1.06	0.148		0.0209	0.00334	
3	PCB-034			ND		0.0209	0.00318	
3	PCB-035			ND		0.0209	0.00292	
3	PCB-036			ND		0.0209	0.00290	
3	PCB-037			ND		0.0442	0.00633	
3	PCB-038			ND		0.0209	0.00292	
3	PCB-039			ND		0.0209	0.00265	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10719470006-R
Lab File ID: P250406A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 08:37
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1920mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.13	0.77	0.405		0.0626	0.0113	
4	PCB-042	27.60	0.78	0.163		0.0209	0.00394	
4	PCB-043/073	26.10	0.78	0.101		0.0417	0.00696	
4	PCB-044/047/065	27.08	0.78	3.44		0.0626	0.0130	
4	PCB-045/051	24.13	0.78	1.35		0.0417	0.00615	
4	PCB-046	24.37	0.80	0.0947		0.0209	0.00319	
4	PCB-048			ND		0.0209	0.00367	
4	PCB-069/049	26.48	0.78	1.84		0.0417	0.00949	
4	PCB-050/053	23.27	0.80	1.55		0.0417	0.00566	
4	PCB-052	25.94	0.78	1.32		0.108	0.0292	
4	PCB-054	20.85	0.77	0.511		0.0209	0.00400	
4	PCB-055			ND		0.0209	0.00334	
4	PCB-056	32.15	0.74	0.0227		0.0209	0.00438	
4	PCB-057			ND		0.0209	0.00285	
4	PCB-058			ND		0.0209	0.00396	
4	PCB-059/062/075	27.44	0.77	0.0670		0.0626	0.00925	
4	PCB-060			ND		0.0209	0.00331	
4	PCB-061/070/074/076	31.10	0.79	0.242		0.0834	0.0177	
4	PCB-063	30.75	0.79	0.0219		0.0209	0.00310	
4	PCB-064	28.37	0.75	0.0640		0.0209	0.00501	
4	PCB-066	31.46	0.78	0.282		0.0492	0.00793	
4	PCB-067			ND		0.0209	0.00276	
4	PCB-068	29.59	0.79	0.0641		0.0209	0.00279	
4	PCB-072	29.28	0.79	0.0374		0.0209	0.00263	
4	PCB-077			ND		0.0209	0.00284	
4	PCB-078			ND		0.0209	0.00331	
4	PCB-079			ND		0.0209	0.00323	
4	PCB-080			ND		0.0209	0.00292	
4	PCB-081			ND		0.0209	0.00261	
5	PCB-082	35.68	1.67	0.0568		0.0209	0.00470	
5	PCB-083	33.78	1.45	0.0884		0.0209	0.00474	
5	PCB-084	31.33	1.58	0.202		0.0209	0.00532	
5	PCB-085/116/117	35.15	1.56	0.226		0.0626	0.0116	
5	PCB-086/087/097/108/119/12	34.46	1.56	0.727		0.125	0.0257	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10719470006-R
Lab File ID: P250406A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 08:37
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1920mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.10	1.57	0.837		0.0417	0.00855	
5	PCB-089			ND		0.0209	0.00375	
5	PCB-090/101/113	33.30	1.56	2.36		0.0626	0.0209	
5	PCB-092	32.67	1.57	0.795		0.0209	0.00438	
5	PCB-093/098/100/102	30.44	1.55	0.667		0.0834	0.0164	
5	PCB-094	29.70	1.54	0.164		0.0209	0.00385	
5	PCB-095	30.17	1.58	1.82		0.0584	0.0190	
5	PCB-096	27.37	1.57	0.0947		0.0209	0.00459	
5	PCB-099	33.91	1.57	1.06		0.0209	0.00782	
5	PCB-103	29.47	1.59	0.264		0.0209	0.00439	
5	PCB-104	27.00	1.60	0.0686		0.0209	0.00501	
5	PCB-105	39.69	1.54	0.168		0.0209	0.00380	
5	PCB-106			ND		0.0209	0.00308	
5	PCB-107/124			ND		0.0417	0.00555	
5	PCB-109	38.01	1.55	0.0763		0.0209	0.00262	
5	PCB-110/115	35.36	1.58	1.43		0.0417	0.0156	
5	PCB-111			ND		0.0209	0.00381	
5	PCB-112			ND		0.0209	0.00449	
5	PCB-114			ND		0.0209	0.00265	
5	PCB-118	38.48	1.55	0.706		0.0325	0.00772	
5	PCB-120	36.59	1.53	0.0254		0.0209	0.00472	
5	PCB-121			ND		0.0209	0.00387	
5	PCB-122			ND		0.0209	0.00334	
5	PCB-123			ND		0.0209	0.00331	
5	PCB-126			ND		0.0209	0.00335	
5	PCB-127			ND		0.0209	0.00224	
6	PCB-128/166	43.01	1.26	0.339		0.0417	0.00663	
6	PCB-129/138/163	41.71	1.25	5.04		0.0626	0.0116	
6	PCB-130	41.03	1.23	0.241		0.0209	0.00384	
6	PCB-131	38.13	1.21	0.0298		0.0209	0.00382	
6	PCB-132	38.60	1.24	1.33		0.0209	0.00470	
6	PCB-133	39.11	1.21	0.142		0.0209	0.00392	
6	PCB-134/143	37.50	1.18	0.239		0.0417	0.00750	
6	PCB-135/151	36.33	1.24	2.77		0.0417	0.0103	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10719470006-R
Lab File ID: P250406A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 08:37
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1920mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.80	1.26	0.826		0.0209	0.00562	
6	PCB-137	41.27	1.21	0.0920		0.0209	0.00419	
6	PCB-139/140	37.93	1.23	0.0576		0.0417	0.00600	
6	PCB-141	40.62	1.23	0.984		0.0209	0.00490	
6	PCB-142			ND		0.0209	0.00306	
6	PCB-144	36.91	1.26	0.268		0.0209	0.00560	
6	PCB-145			ND		0.0209	0.00462	
6	PCB-146	39.78	1.26	0.910		0.0209	0.00386	
6	PCB-147/149	37.30	1.26	5.13		0.0417	0.0123	
6	PCB-148	35.72	1.32	0.0470		0.0209	0.00469	
6	PCB-150	33.44	1.25	0.0503		0.0209	0.00446	
6	PCB-152	33.26	1.23	0.0432		0.0209	0.00461	
6	PCB-153/168	40.41	1.25	5.54		0.0417	0.0112	
6	PCB-154	36.60	1.23	0.158		0.0209	0.00431	
6	PCB-155			ND		0.0209	0.00551	
6	PCB-156/157	45.96	1.26	0.275		0.0417	0.00557	
6	PCB-158	42.10	1.27	0.320		0.0209	0.00323	
6	PCB-159	43.99	1.23	0.0523		0.0209	0.00320	
6	PCB-160			ND		0.0209	0.00303	
6	PCB-161			ND		0.0209	0.00396	
6	PCB-162			ND		0.0209	0.00321	
6	PCB-164	41.39	1.25	0.331		0.0209	0.00334	
6	PCB-165			ND		0.0209	0.00324	
6	PCB-167	44.79	1.24	0.159		0.0209	0.00309	
6	PCB-169			ND		0.0209	0.00307	
7	PCB-170	48.68	1.05	1.96		0.0209	0.00438	
7	PCB-171/173	45.07	1.03	0.638		0.0417	0.00681	
7	PCB-172	46.71	1.03	0.419		0.0209	0.00418	
7	PCB-174	43.96	1.05	2.31		0.0209	0.00509	
7	PCB-175	42.81	0.93	0.0988		0.0209	0.00410	
7	PCB-176	40.29	1.05	0.319		0.0209	0.00442	
7	PCB-177	44.42	1.05	1.51		0.0209	0.00422	
7	PCB-178	42.16	1.05	0.648		0.0209	0.00500	
7	PCB-179	39.37	1.04	1.17		0.0209	0.00457	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10719470006-R
Lab File ID: P250406A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 08:37
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1920mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.40	1.04	4.91		0.0417	0.00804	
7	PCB-181			ND		0.0209	0.00380	
7	PCB-182			ND		0.0209	0.00429	
7	PCB-183/185	43.73	1.04	1.69	J	0.0417	0.00735	
7	PCB-184			ND		0.0209	0.00437	
7	PCB-186			ND		0.0209	0.00444	
7	PCB-187	43.10	1.03	3.28		0.0209	0.00675	
7	PCB-188			ND		0.0209	0.00396	
7	PCB-189	51.86	1.01	0.0933		0.0209	0.00403	
7	PCB-190	49.23	1.03	0.459		0.0209	0.00366	
7	PCB-191	47.75	1.01	0.0842		0.0209	0.00343	
7	PCB-192			ND		0.0209	0.00403	
8	PCB-194	54.00	0.90	1.19	J	0.0209	0.00389	
8	PCB-195	51.62	0.92	0.553		0.0209	0.00360	
8	PCB-196	50.06	0.90	0.652		0.0209	0.00452	
8	PCB-197/200	46.52	0.91	0.232		0.0417	0.00863	
8	PCB-198/199	49.40	0.90	1.24		0.0417	0.00651	
8	PCB-201	45.50	0.89	0.168	J	0.0209	0.00417	
8	PCB-202	44.54	0.92	0.242		0.0209	0.00399	
8	PCB-203	50.27	0.91	0.900	J	0.0209	0.00361	
8	PCB-204			ND		0.0209	0.00327	
8	PCB-205	54.46	0.87	0.0716		0.0209	0.00389	
9	PCB-206	56.22	0.82	0.307		0.0209	0.00636	
9	PCB-207	52.31	0.82	0.0401		0.0209	0.00489	
9	PCB-208	51.35	0.81	0.0568		0.0209	0.00417	
10	PCB-209			ND		0.0209	0.00653	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **HR-D1**
Lab Sample ID: 10719470006-R
Lab File ID: P250406A_05
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 08:37
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1920mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	1.21	
Total TrCB	2.30	
Total TeCB	11.6	
Total PeCB	11.8	
Total HxCB	25.4	
Total HpCB	19.6	
Total OcCB	5.25	
Total NoCB	0.404	
DeCB	ND	
Total PCBs	77.5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10719470007-R
Lab File ID: P250406A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024 15:00
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 09:39
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118238

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.25	3.20	2.00	0.959	48	
1	PCB-003L	13.07	3.18	2.00	1.20	60	
2	PCB-004L	13.38	1.55	2.00	0.944	47	
2	PCB-015L	20.48	1.57	2.00	1.57	79	
3	PCB-019L	17.20	1.07	2.00	0.995	50	
3	PCB-037L	28.29	1.04	2.00	2.27	113	
4	PCB-054L	20.82	0.80	2.00	1.24	62	
4	PCB-077L	36.04	0.78	2.00	2.35	118	
4	PCB-081L	35.46	0.79	2.00	2.31	116	
5	PCB-104L	26.97	1.63	2.00	1.41	70	
5	PCB-105L	39.67	1.60	2.00	2.46	123	
5	PCB-114L	39.02	1.60	2.00	2.49	124	
5	PCB-118L	38.46	1.58	2.00	2.45	122	
5	PCB-123L	38.12	1.58	2.00	2.45	122	
5	PCB-126L	42.85	1.57	2.00	2.48	124	
6	PCB-155L	33.05	1.27	2.00	1.52	76	
6	PCB-156/157L	45.96	1.27	4.00	4.78	119	
6	PCB-167L	44.78	1.26	2.00	2.43	121	
6	PCB-169L	49.26	1.28	2.00	2.38	119	
7	PCB-188L	39.01	1.06	2.00	1.59	79	
7	PCB-189L	51.84	1.07	2.00	2.31	116	
8	PCB-202L	44.52	0.90	2.00	1.56	78	
8	PCB-205L	54.44	0.90	2.00	1.78	89	
9	PCB-206L	56.22	0.81	2.00	1.54	77	
9	PCB-208L	51.33	0.78	2.00	1.63	82	
10	PCB-209L	57.84	0.70	2.00	1.44	72	
Recovery Standards							
2	PCB-009L	15.83	1.56	2.00	2.69	N/A	
4	PCB-052L	25.92	0.79	2.00	2.41	N/A	
5	PCB-101L	33.26	1.58	2.00	2.31	N/A	
6	PCB-138L	41.67	1.24	2.00	2.48	N/A	
8	PCB-194L	53.97	0.91	2.00	2.63	N/A	
Cleanup Standards							
3	PCB-028L	23.92	1.05	2.00	1.86	93	
5	PCB-111L	36.09	1.57	2.00	1.61	80	
7	PCB-178L	42.14	1.06	2.00	1.61	81	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10719470007-R
Lab File ID: P250406A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024 15:00
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 09:39
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0233	0.00618	
1	PCB-002			ND		0.0233	0.00443	
1	PCB-003			ND		0.0233	0.00782	
2	PCB-004	13.39	1.57	1.12		0.0233	0.00723	
2	PCB-005			ND		0.0233	0.00563	
2	PCB-006			ND		0.0233	0.00350	
2	PCB-007			ND		0.0233	0.00295	
2	PCB-008			ND		0.0233	0.0103	
2	PCB-009			ND		0.0233	0.00326	
2	PCB-010	13.62	1.56	0.0553		0.0233	0.00377	
2	PCB-011			ND		0.228	0.0895	
2	PCB-012/013			ND		0.0466	0.00560	
2	PCB-014			ND		0.0233	0.00328	
2	PCB-015	20.50	1.54	0.0857		0.0308	0.00606	
3	PCB-016			ND		0.0233	0.00571	
3	PCB-017	19.92	1.05	0.192		0.0233	0.00536	
3	PCB-018/030	19.43	1.10	0.165		0.0466	0.0117	
3	PCB-019	17.23	1.05	1.62		0.0233	0.00462	
3	PCB-020/028	23.93	1.04	0.125		0.120	0.0174	
3	PCB-021/033			ND		0.126	0.0175	
3	PCB-022			ND		0.0886	0.0140	
3	PCB-023			ND		0.0233	0.00256	
3	PCB-024			ND		0.0233	0.00330	
3	PCB-025	23.27	1.04	0.0904		0.0233	0.00356	
3	PCB-026/029	22.98	1.05	0.0958		0.0466	0.00576	
3	PCB-027	20.17	1.05	0.226		0.0233	0.00368	
3	PCB-031			ND		0.121	0.0235	
3	PCB-032	21.05	1.07	0.167		0.0233	0.00373	
3	PCB-034			ND		0.0233	0.00356	
3	PCB-035			ND		0.0233	0.00326	
3	PCB-036			ND		0.0233	0.00324	
3	PCB-037			ND		0.0494	0.00708	
3	PCB-038			ND		0.0233	0.00326	
3	PCB-039			ND		0.0233	0.00296	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10719470007-R
Lab File ID: P250406A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024 15:00
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 09:39
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.14	0.79	0.352		0.0699	0.0126	
4	PCB-042	27.61	0.76	0.129		0.0233	0.00441	
4	PCB-043/073	26.11	0.75	0.0921		0.0466	0.00778	
4	PCB-044/047/065	27.10	0.78	2.70		0.0699	0.0146	
4	PCB-045/051	24.13	0.79	1.40		0.0466	0.00688	
4	PCB-046	24.39	0.84	0.0812		0.0233	0.00357	
4	PCB-048			ND		0.0233	0.00410	
4	PCB-069/049	26.48	0.78	1.53		0.0466	0.0106	
4	PCB-050/053	23.29	0.78	1.50		0.0466	0.00633	
4	PCB-052	25.95	0.78	1.20		0.120	0.0326	
4	PCB-054	20.85	0.78	0.575		0.0233	0.00448	
4	PCB-055			ND		0.0233	0.00373	
4	PCB-056			ND		0.0233	0.00490	
4	PCB-057			ND		0.0233	0.00318	
4	PCB-058			ND		0.0233	0.00443	
4	PCB-059/062/075			ND		0.0699	0.0103	
4	PCB-060			ND		0.0233	0.00370	
4	PCB-061/070/074/076	31.10	0.77	0.186		0.0933	0.0198	
4	PCB-063			ND		0.0233	0.00346	
4	PCB-064	28.37	0.79	0.0550		0.0233	0.00560	
4	PCB-066	31.46	0.79	0.211		0.0550	0.00886	
4	PCB-067			ND		0.0233	0.00309	
4	PCB-068	29.59	0.78	0.0483		0.0233	0.00312	
4	PCB-072	29.28	0.81	0.0302		0.0233	0.00294	
4	PCB-077			ND		0.0233	0.00317	
4	PCB-078			ND		0.0233	0.00370	
4	PCB-079			ND		0.0233	0.00361	
4	PCB-080			ND		0.0233	0.00326	
4	PCB-081			ND		0.0233	0.00291	
5	PCB-082	35.70	1.64	0.0420		0.0233	0.00526	
5	PCB-083	33.78	1.58	0.0620		0.0233	0.00530	
5	PCB-084	31.33	1.55	0.161		0.0233	0.00595	
5	PCB-085/116/117	35.15	1.53	0.146		0.0699	0.0129	
5	PCB-086/087/097/108/119/12	34.47	1.56	0.523		0.140	0.0287	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10719470007-R
Lab File ID: P250406A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024 15:00
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 09:39
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.10	1.57	0.622		0.0466	0.00956	
5	PCB-089			ND		0.0233	0.00420	
5	PCB-090/101/113	33.30	1.56	1.70		0.0699	0.0233	
5	PCB-092	32.67	1.59	0.571		0.0233	0.00490	
5	PCB-093/098/100/102	30.44	1.57	0.528		0.0933	0.0183	
5	PCB-094	29.71	1.57	0.129		0.0233	0.00430	
5	PCB-095	30.17	1.56	1.46		0.0653	0.0212	
5	PCB-096	27.39	1.54	0.0753		0.0233	0.00513	
5	PCB-099	33.91	1.56	0.745		0.0233	0.00874	
5	PCB-103	29.47	1.57	0.215		0.0233	0.00491	
5	PCB-104	27.00	1.58	0.0611		0.0233	0.00560	
5	PCB-105	39.71	1.60	0.103		0.0233	0.00424	
5	PCB-106			ND		0.0233	0.00344	
5	PCB-107/124			ND		0.0466	0.00620	
5	PCB-109	38.03	1.57	0.0478		0.0233	0.00293	
5	PCB-110/115	35.36	1.57	1.01		0.0466	0.0175	
5	PCB-111			ND		0.0233	0.00425	
5	PCB-112			ND		0.0233	0.00502	
5	PCB-114			ND		0.0233	0.00296	
5	PCB-118	38.49	1.57	0.456		0.0364	0.00863	
5	PCB-120			ND		0.0233	0.00528	
5	PCB-121			ND		0.0233	0.00432	
5	PCB-122			ND		0.0233	0.00373	
5	PCB-123			ND		0.0233	0.00370	
5	PCB-126			ND		0.0233	0.00374	
5	PCB-127			ND		0.0233	0.00251	
6	PCB-128/166	43.01	1.27	0.183		0.0466	0.00741	
6	PCB-129/138/163	41.71	1.25	2.76		0.0699	0.0129	
6	PCB-130	41.04	1.30	0.131		0.0233	0.00429	
6	PCB-131			ND		0.0233	0.00427	
6	PCB-132	38.59	1.24	0.785		0.0233	0.00526	
6	PCB-133	39.11	1.27	0.0843		0.0233	0.00438	
6	PCB-134/143	37.50	1.28	0.149		0.0466	0.00838	
6	PCB-135/151	36.33	1.26	1.72		0.0466	0.0115	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10719470007-R
Lab File ID: P250406A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024 15:00
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 09:39
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.81	1.27	0.529		0.0233	0.00628	
6	PCB-137	41.26	1.14	0.0357		0.0233	0.00469	
6	PCB-139/140			ND		0.0466	0.00670	
6	PCB-141	40.61	1.24	0.547		0.0233	0.00548	
6	PCB-142			ND		0.0233	0.00342	
6	PCB-144	36.92	1.24	0.164		0.0233	0.00626	
6	PCB-145			ND		0.0233	0.00516	
6	PCB-146	39.78	1.26	0.515		0.0233	0.00431	
6	PCB-147/149	37.29	1.25	3.08		0.0466	0.0138	
6	PCB-148	35.71	1.34	0.0302		0.0233	0.00525	
6	PCB-150	33.44	1.24	0.0327		0.0233	0.00499	
6	PCB-152	33.26	1.24	0.0302		0.0233	0.00515	
6	PCB-153/168	40.43	1.26	3.09		0.0466	0.0125	
6	PCB-154	36.60	1.26	0.0985		0.0233	0.00481	
6	PCB-155			ND		0.0233	0.00616	
6	PCB-156/157	45.96	1.28	0.144		0.0466	0.00623	
6	PCB-158	42.12	1.25	0.176		0.0233	0.00361	
6	PCB-159			ND		0.0233	0.00358	
6	PCB-160			ND		0.0233	0.00339	
6	PCB-161			ND		0.0233	0.00443	
6	PCB-162			ND		0.0233	0.00359	
6	PCB-164	41.38	1.25	0.197		0.0233	0.00373	
6	PCB-165			ND		0.0233	0.00363	
6	PCB-167	44.79	1.28	0.0863		0.0233	0.00345	
6	PCB-169			ND		0.0233	0.00343	
7	PCB-170	48.68	1.04	0.943		0.0233	0.00490	
7	PCB-171/173	45.07	1.03	0.312		0.0466	0.00761	
7	PCB-172	46.71	1.07	0.206		0.0233	0.00467	
7	PCB-174	43.97	1.05	1.11		0.0233	0.00569	
7	PCB-175	42.82	0.98	0.0441		0.0233	0.00458	
7	PCB-176	40.29	1.00	0.166		0.0233	0.00494	
7	PCB-177	44.42	1.03	0.730		0.0233	0.00472	
7	PCB-178	42.15	1.03	0.320		0.0233	0.00558	
7	PCB-179	39.36	1.04	0.610		0.0233	0.00511	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10719470007-R
Lab File ID: P250406A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024 15:00
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 09:39
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.39	1.06	2.31		0.0466	0.00899	
7	PCB-181			ND		0.0233	0.00424	
7	PCB-182			ND		0.0233	0.00479	
7	PCB-183/185	43.75	1.04	0.828		0.0466	0.00822	
7	PCB-184			ND		0.0233	0.00488	
7	PCB-186			ND		0.0233	0.00497	
7	PCB-187	43.09	1.05	1.60		0.0233	0.00754	
7	PCB-188			ND		0.0233	0.00443	
7	PCB-189	51.86	1.01	0.0441		0.0233	0.00450	
7	PCB-190	49.22	1.04	0.217		0.0233	0.00409	
7	PCB-191	47.75	1.03	0.0388		0.0233	0.00384	
7	PCB-192			ND		0.0233	0.00450	
8	PCB-194	54.00	0.89	0.520		0.0233	0.00435	
8	PCB-195	51.62	0.90	0.247		0.0233	0.00402	
8	PCB-196	50.06	0.91	0.279		0.0233	0.00505	
8	PCB-197/200	46.52	0.91	0.108		0.0466	0.00965	
8	PCB-198/199	49.40	0.91	0.569		0.0466	0.00727	
8	PCB-201	45.49	0.93	0.0743		0.0233	0.00466	
8	PCB-202	44.54	0.89	0.112		0.0233	0.00446	
8	PCB-203	50.27	0.90	0.394		0.0233	0.00403	
8	PCB-204			ND		0.0233	0.00366	
8	PCB-205	54.48	0.94	0.0350		0.0233	0.00435	
9	PCB-206	56.24	0.81	0.126		0.0233	0.00711	
9	PCB-207			ND		0.0233	0.00547	
9	PCB-208	51.35	0.71	0.0236		0.0233	0.00466	
10	PCB-209			ND		0.0233	0.00730	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Old Pleasant Street Bridge**
Lab Sample ID: 10719470007-R
Lab File ID: P250406A_06
Matrix: Water
Percent Solids: N/A
Date Collected: 12/13/2024 15:00
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 09:39
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1720mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	1.26	
Total TrCB	2.68	
Total TeCB	10.1	
Total PeCB	8.65	
Total HxCB	14.6	
Total HpCB	9.47	
Total OcCB	2.34	
Total NoCB	0.150	
DeCB	ND	
Total PCBs	49.2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10719470008-R
Lab File ID: P250406A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 13:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 10:41
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118238

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.27	3.10	2.00	0.652	33	
1	PCB-003L	13.08	3.02	2.00	0.791	40	
2	PCB-004L	13.39	1.55	2.00	0.616	31	
2	PCB-015L	20.50	1.59	2.00	1.07	53	
3	PCB-019L	17.22	1.08	2.00	0.650	33	
3	PCB-037L	28.30	1.05	2.00	1.80	90	
4	PCB-054L	20.84	0.79	2.00	0.734	37	
4	PCB-077L	36.05	0.81	2.00	2.26	113	
4	PCB-081L	35.47	0.80	2.00	2.18	109	
5	PCB-104L	27.00	1.59	2.00	0.761	38	
5	PCB-105L	39.71	1.57	2.00	2.49	124	
5	PCB-114L	39.04	1.61	2.00	2.44	122	
5	PCB-118L	38.49	1.60	2.00	2.45	123	
5	PCB-123L	38.15	1.57	2.00	2.42	121	
5	PCB-126L	42.89	1.61	2.00	2.50	125	
6	PCB-155L	33.07	1.31	2.00	0.916	46	
6	PCB-156/157L	45.99	1.27	4.00	4.75	119	
6	PCB-167L	44.79	1.26	2.00	2.40	120	
6	PCB-169L	49.29	1.27	2.00	2.24	112	
7	PCB-188L	39.02	1.05	2.00	1.50	75	
7	PCB-189L	51.86	1.06	2.00	2.29	114	
8	PCB-202L	44.53	0.92	2.00	1.57	79	
8	PCB-205L	54.48	0.89	2.00	1.76	88	
9	PCB-206L	56.24	0.81	2.00	1.55	77	
9	PCB-208L	51.35	0.79	2.00	1.62	81	
10	PCB-209L	57.86	0.72	2.00	1.42	71	
Recovery Standards							
2	PCB-009L	15.86	1.59	2.00	2.65	N/A	
4	PCB-052L	25.93	0.79	2.00	2.40	N/A	
5	PCB-101L	33.29	1.59	2.00	2.26	N/A	
6	PCB-138L	41.71	1.29	2.00	2.50	N/A	
8	PCB-194L	53.99	0.90	2.00	2.56	N/A	
Cleanup Standards							
3	PCB-028L	23.93	1.05	2.00	1.86	93	
5	PCB-111L	36.10	1.59	2.00	1.68	84	
7	PCB-178L	42.15	1.05	2.00	1.60	80	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10719470008-R
Lab File ID: P250406A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 13:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 10:41
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0234	0.00619	
1	PCB-002			ND		0.0234	0.00444	
1	PCB-003			ND		0.0234	0.00784	
2	PCB-004	13.41	1.55	1.92		0.0234	0.00725	
2	PCB-005			ND		0.0234	0.00564	
2	PCB-006			ND		0.0234	0.00351	
2	PCB-007			ND		0.0234	0.00296	
2	PCB-008			ND		0.0234	0.0103	
2	PCB-009			ND		0.0234	0.00327	
2	PCB-010	13.63	1.56	0.0595		0.0234	0.00377	
2	PCB-011			ND		0.229	0.0898	
2	PCB-012/013			ND		0.0467	0.00561	
2	PCB-014			ND		0.0234	0.00328	
2	PCB-015	20.52	1.52	0.0571		0.0309	0.00608	
3	PCB-016			ND		0.0234	0.00573	
3	PCB-017	19.94	1.07	0.171		0.0234	0.00538	
3	PCB-018/030	19.45	1.06	0.105		0.0467	0.0117	
3	PCB-019	17.24	1.05	1.55		0.0234	0.00463	
3	PCB-020/028			ND		0.121	0.0174	
3	PCB-021/033			ND		0.126	0.0175	
3	PCB-022			ND		0.0888	0.0140	
3	PCB-023			ND		0.0234	0.00257	
3	PCB-024			ND		0.0234	0.00331	
3	PCB-025	23.29	0.99	0.0448		0.0234	0.00356	
3	PCB-026/029	23.01	1.05	0.0541		0.0467	0.00577	
3	PCB-027	20.18	1.07	0.160		0.0234	0.00369	
3	PCB-031			ND		0.122	0.0236	
3	PCB-032	21.06	1.05	0.156		0.0234	0.00374	
3	PCB-034			ND		0.0234	0.00356	
3	PCB-035	27.87	1.14	0.0464		0.0234	0.00327	
3	PCB-036			ND		0.0234	0.00325	
3	PCB-037			ND		0.0495	0.00709	
3	PCB-038			ND		0.0234	0.00327	
3	PCB-039			ND		0.0234	0.00297	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10719470008-R
Lab File ID: P250406A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 13:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 10:41
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.14	0.82	0.204		0.0701	0.0126	
4	PCB-042	27.64	0.88	0.0684		0.0234	0.00442	
4	PCB-043/073			ND		0.0467	0.00779	
4	PCB-044/047/065	27.11	0.79	1.14		0.0701	0.0146	
4	PCB-045/051	24.14	0.79	0.771		0.0467	0.00689	
4	PCB-046	24.39	0.75	0.0500		0.0234	0.00358	
4	PCB-048			ND		0.0234	0.00411	
4	PCB-069/049	26.50	0.80	0.674		0.0467	0.0106	
4	PCB-050/053	23.30	0.78	0.689		0.0467	0.00635	
4	PCB-052	25.97	0.78	0.541		0.121	0.0327	
4	PCB-054	20.87	0.77	0.433		0.0234	0.00449	
4	PCB-055			ND		0.0234	0.00374	
4	PCB-056			ND		0.0234	0.00491	
4	PCB-057			ND		0.0234	0.00319	
4	PCB-058			ND		0.0234	0.00444	
4	PCB-059/062/075			ND		0.0701	0.0104	
4	PCB-060			ND		0.0234	0.00370	
4	PCB-061/070/074/076			ND		0.0935	0.0199	
4	PCB-063			ND		0.0234	0.00347	
4	PCB-064	28.40	0.88	0.0243		0.0234	0.00561	
4	PCB-066	31.47	0.80	0.0697		0.0552	0.00888	
4	PCB-067			ND		0.0234	0.00310	
4	PCB-068			ND		0.0234	0.00313	
4	PCB-072			ND		0.0234	0.00294	
4	PCB-077			ND		0.0234	0.00318	
4	PCB-078			ND		0.0234	0.00370	
4	PCB-079			ND		0.0234	0.00362	
4	PCB-080			ND		0.0234	0.00327	
4	PCB-081			ND		0.0234	0.00292	
5	PCB-082			ND		0.0234	0.00527	
5	PCB-083			ND		0.0234	0.00532	
5	PCB-084	31.34	1.52	0.0618		0.0234	0.00596	
5	PCB-085/116/117			ND		0.0701	0.0130	
5	PCB-086/087/097/108/119/12	34.49	1.54	0.198		0.140	0.0287	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10719470008-R
Lab File ID: P250406A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 13:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 10:41
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.12	1.61	0.231		0.0467	0.00958	
5	PCB-089			ND		0.0234	0.00421	
5	PCB-090/101/113	33.31	1.56	0.634		0.0701	0.0234	
5	PCB-092	32.70	1.61	0.205		0.0234	0.00491	
5	PCB-093/098/100/102	30.46	1.54	0.207		0.0935	0.0183	
5	PCB-094	29.71	1.36	0.0666		0.0234	0.00431	
5	PCB-095	30.20	1.54	0.595		0.0654	0.0213	
5	PCB-096	27.40	1.47	0.0329		0.0234	0.00514	
5	PCB-099	33.94	1.59	0.247		0.0234	0.00876	
5	PCB-103	29.50	1.46	0.0811		0.0234	0.00492	
5	PCB-104	27.01	1.61	0.0595		0.0234	0.00561	
5	PCB-105	39.72	1.56	0.0371		0.0234	0.00425	
5	PCB-106			ND		0.0234	0.00345	
5	PCB-107/124			ND		0.0467	0.00622	
5	PCB-109			ND		0.0234	0.00293	
5	PCB-110/115	35.37	1.55	0.385		0.0467	0.0175	
5	PCB-111			ND		0.0234	0.00427	
5	PCB-112			ND		0.0234	0.00504	
5	PCB-114			ND		0.0234	0.00297	
5	PCB-118	38.51	1.54	0.150		0.0365	0.00865	
5	PCB-120			ND		0.0234	0.00529	
5	PCB-121			ND		0.0234	0.00434	
5	PCB-122			ND		0.0234	0.00374	
5	PCB-123			ND		0.0234	0.00370	
5	PCB-126			ND		0.0234	0.00375	
5	PCB-127			ND		0.0234	0.00251	
6	PCB-128/166	43.02	1.24	0.0600		0.0467	0.00743	
6	PCB-129/138/163	41.72	1.25	0.988		0.0701	0.0130	
6	PCB-130	41.06	1.31	0.0517		0.0234	0.00430	
6	PCB-131			ND		0.0234	0.00428	
6	PCB-132	38.61	1.28	0.294		0.0234	0.00527	
6	PCB-133	39.14	1.33	0.0331		0.0234	0.00439	
6	PCB-134/143	37.52	1.27	0.0594		0.0467	0.00840	
6	PCB-135/151	36.34	1.23	0.667		0.0467	0.0115	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10719470008-R
Lab File ID: P250406A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 13:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 10:41
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.83	1.25	0.202		0.0234	0.00630	
6	PCB-137			ND		0.0234	0.00470	
6	PCB-139/140			ND		0.0467	0.00672	
6	PCB-141	40.65	1.26	0.215		0.0234	0.00549	
6	PCB-142			ND		0.0234	0.00342	
6	PCB-144	36.94	1.15	0.0727		0.0234	0.00628	
6	PCB-145			ND		0.0234	0.00518	
6	PCB-146	39.81	1.24	0.183		0.0234	0.00432	
6	PCB-147/149	37.31	1.26	1.15		0.0467	0.0138	
6	PCB-148			ND		0.0234	0.00526	
6	PCB-150			ND		0.0234	0.00500	
6	PCB-152			ND		0.0234	0.00517	
6	PCB-153/168	40.44	1.27	1.11		0.0467	0.0125	
6	PCB-154	36.63	1.05	0.0477		0.0234	0.00483	
6	PCB-155			ND		0.0234	0.00617	
6	PCB-156/157	45.99	1.26	0.0546		0.0467	0.00624	
6	PCB-158	42.13	1.23	0.0652		0.0234	0.00362	
6	PCB-159			ND		0.0234	0.00359	
6	PCB-160			ND		0.0234	0.00340	
6	PCB-161			ND		0.0234	0.00444	
6	PCB-162			ND		0.0234	0.00360	
6	PCB-164	41.40	1.27	0.0765		0.0234	0.00374	
6	PCB-165			ND		0.0234	0.00363	
6	PCB-167	44.83	1.28	0.0276		0.0234	0.00346	
6	PCB-169			ND		0.0234	0.00344	
7	PCB-170	48.71	1.03	0.294		0.0234	0.00491	
7	PCB-171/173	45.10	1.02	0.102		0.0467	0.00763	
7	PCB-172	46.74	1.05	0.0659		0.0234	0.00469	
7	PCB-174	43.99	1.05	0.370		0.0234	0.00570	
7	PCB-175			ND		0.0234	0.00459	
7	PCB-176	40.30	1.05	0.0555		0.0234	0.00495	
7	PCB-177	44.45	1.07	0.236		0.0234	0.00473	
7	PCB-178	42.19	1.04	0.109		0.0234	0.00560	
7	PCB-179	39.38	1.04	0.207		0.0234	0.00512	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10719470008-R
Lab File ID: P250406A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 13:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 10:41
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.41	1.04	0.735		0.0467	0.00901	
7	PCB-181			ND		0.0234	0.00425	
7	PCB-182			ND		0.0234	0.00480	
7	PCB-183/185	43.77	1.04	0.276		0.0467	0.00824	
7	PCB-184			ND		0.0234	0.00490	
7	PCB-186			ND		0.0234	0.00498	
7	PCB-187	43.13	1.05	0.532		0.0234	0.00756	
7	PCB-188			ND		0.0234	0.00444	
7	PCB-189			ND		0.0234	0.00451	
7	PCB-190	49.26	1.03	0.0655		0.0234	0.00410	
7	PCB-191			ND		0.0234	0.00384	
7	PCB-192			ND		0.0234	0.00451	
8	PCB-194	54.02	0.87	0.147		0.0234	0.00436	
8	PCB-195	51.64	0.91	0.0730		0.0234	0.00403	
8	PCB-196	50.08	0.90	0.0838		0.0234	0.00506	
8	PCB-197/200			ND		0.0467	0.00968	
8	PCB-198/199	49.41	0.88	0.161		0.0467	0.00729	
8	PCB-201			ND		0.0234	0.00467	
8	PCB-202	44.57	0.84	0.0337		0.0234	0.00448	
8	PCB-203	50.28	0.88	0.115		0.0234	0.00404	
8	PCB-204			ND		0.0234	0.00367	
8	PCB-205			ND		0.0234	0.00436	
9	PCB-206	56.26	0.80	0.0375		0.0234	0.00713	
9	PCB-207			ND		0.0234	0.00548	
9	PCB-208			ND		0.0234	0.00467	
10	PCB-209			ND		0.0234	0.00732	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Woods Pond Dam**
Lab Sample ID: 10719470008-R
Lab File ID: P250406A_07
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 13:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 10:41
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1710mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	2.04	
Total TrCB	2.29	
Total TeCB	4.67	
Total PeCB	3.19	
Total HxCB	5.36	
Total HpCB	3.05	
Total OcCB	0.614	
Total NoCB	0.0375	
DeCB	ND	
Total PCBs	21.2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10719470009-R
Lab File ID: P250406A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 14:45
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 11:43
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118238

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1960mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.27	3.29	2.00	0.761	38	
1	PCB-003L	13.08	3.24	2.00	0.914	46	
2	PCB-004L	13.39	1.57	2.00	0.716	36	
2	PCB-015L	20.50	1.58	2.00	1.28	64	
3	PCB-019L	17.23	1.05	2.00	0.728	36	
3	PCB-037L	28.31	1.06	2.00	2.13	106	
4	PCB-054L	20.84	0.80	2.00	0.849	42	
4	PCB-077L	36.07	0.81	2.00	2.45	123	
4	PCB-081L	35.48	0.79	2.00	2.42	121	
5	PCB-104L	27.00	1.57	2.00	0.912	46	
5	PCB-105L	39.71	1.57	2.00	2.67	133	
5	PCB-114L	39.04	1.58	2.00	2.55	128	
5	PCB-118L	38.49	1.58	2.00	2.55	128	
5	PCB-123L	38.15	1.59	2.00	2.56	128	
5	PCB-126L	42.89	1.61	2.00	2.51	126	
6	PCB-155L	33.07	1.27	2.00	1.23	61	
6	PCB-156/157L	45.98	1.26	4.00	4.85	121	
6	PCB-167L	44.80	1.28	2.00	2.47	124	
6	PCB-169L	49.30	1.25	2.00	2.35	118	
7	PCB-188L	39.03	1.07	2.00	1.68	84	
7	PCB-189L	51.87	1.05	2.00	2.48	124	
8	PCB-202L	44.54	0.93	2.00	1.64	82	
8	PCB-205L	54.46	0.90	2.00	1.81	91	
9	PCB-206L	56.24	0.80	2.00	1.59	79	
9	PCB-208L	51.35	0.78	2.00	1.73	87	
10	PCB-209L	57.86	0.70	2.00	1.48	74	
Recovery Standards							
2	PCB-009L	15.86	1.58	2.00	2.65	N/A	
4	PCB-052L	25.95	0.79	2.00	2.36	N/A	
5	PCB-101L	33.30	1.61	2.00	2.30	N/A	
6	PCB-138L	41.71	1.27	2.00	2.46	N/A	
8	PCB-194L	54.00	0.90	2.00	2.43	N/A	
Cleanup Standards							
3	PCB-028L	23.94	1.06	2.00	1.96	98	
5	PCB-111L	36.10	1.59	2.00	1.66	83	
7	PCB-178L	42.16	1.07	2.00	1.63	81	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10719470009-R
Lab File ID: P250406A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 14:45
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 11:43
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1960mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0204	0.00540	
1	PCB-002			ND		0.0204	0.00387	
1	PCB-003			ND		0.0204	0.00683	
2	PCB-004	13.41	1.58	3.66		0.0204	0.00631	
2	PCB-005			ND		0.0204	0.00492	
2	PCB-006			ND		0.0204	0.00305	
2	PCB-007			ND		0.0204	0.00258	
2	PCB-008			ND		0.0204	0.00896	
2	PCB-009			ND		0.0204	0.00285	
2	PCB-010	13.63	1.54	0.113		0.0204	0.00329	
2	PCB-011			ND		0.200	0.0782	
2	PCB-012/013			ND		0.0407	0.00489	
2	PCB-014			ND		0.0204	0.00286	
2	PCB-015	20.52	1.50	0.108		0.0269	0.00529	
3	PCB-016	20.46	1.02	0.0219		0.0204	0.00499	
3	PCB-017	19.95	1.08	0.300		0.0204	0.00468	
3	PCB-018/030	19.45	1.06	0.184		0.0407	0.0102	
3	PCB-019	17.24	1.03	3.09		0.0204	0.00403	
3	PCB-020/028			ND		0.105	0.0152	
3	PCB-021/033			ND		0.110	0.0153	
3	PCB-022			ND		0.0774	0.0122	
3	PCB-023			ND		0.0204	0.00224	
3	PCB-024			ND		0.0204	0.00288	
3	PCB-025	23.29	1.05	0.0787		0.0204	0.00311	
3	PCB-026/029	23.02	1.02	0.0972		0.0407	0.00503	
3	PCB-027	20.18	1.05	0.311		0.0204	0.00322	
3	PCB-031			ND		0.106	0.0206	
3	PCB-032	21.08	1.04	0.251		0.0204	0.00326	
3	PCB-034			ND		0.0204	0.00311	
3	PCB-035			ND		0.0204	0.00285	
3	PCB-036			ND		0.0204	0.00283	
3	PCB-037			ND		0.0432	0.00618	
3	PCB-038			ND		0.0204	0.00285	
3	PCB-039			ND		0.0204	0.00259	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10719470009-R
Lab File ID: P250406A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 14:45
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 11:43
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1960mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.16	0.75	0.236		0.0611	0.0110	
4	PCB-042	27.63	0.79	0.0815		0.0204	0.00385	
4	PCB-043/073	26.13	0.89	0.0658		0.0407	0.00679	
4	PCB-044/047/065	27.11	0.78	2.01		0.0611	0.0127	
4	PCB-045/051	24.15	0.77	1.35		0.0407	0.00601	
4	PCB-046	24.40	0.84	0.0551		0.0204	0.00312	
4	PCB-048			ND		0.0204	0.00358	
4	PCB-069/049	26.52	0.78	1.23		0.0407	0.00927	
4	PCB-050/053	23.31	0.78	1.20		0.0407	0.00553	
4	PCB-052	25.97	0.79	1.07		0.105	0.0285	
4	PCB-054	20.87	0.77	0.765		0.0204	0.00391	
4	PCB-055			ND		0.0204	0.00326	
4	PCB-056			ND		0.0204	0.00428	
4	PCB-057			ND		0.0204	0.00278	
4	PCB-058			ND		0.0204	0.00387	
4	PCB-059/062/075			ND		0.0611	0.00903	
4	PCB-060			ND		0.0204	0.00323	
4	PCB-061/070/074/076	31.12	0.80	0.150		0.0815	0.0173	
4	PCB-063			ND		0.0204	0.00302	
4	PCB-064	28.40	0.79	0.0450		0.0204	0.00489	
4	PCB-066	31.47	0.80	0.137		0.0481	0.00774	
4	PCB-067			ND		0.0204	0.00270	
4	PCB-068	29.62	0.79	0.0288		0.0204	0.00273	
4	PCB-072	29.30	0.73	0.0207		0.0204	0.00257	
4	PCB-077			ND		0.0204	0.00277	
4	PCB-078			ND		0.0204	0.00323	
4	PCB-079			ND		0.0204	0.00316	
4	PCB-080			ND		0.0204	0.00285	
4	PCB-081			ND		0.0204	0.00255	
5	PCB-082	35.72	1.61	0.0453		0.0204	0.00459	
5	PCB-083	33.80	1.56	0.0455		0.0204	0.00463	
5	PCB-084	31.35	1.54	0.141		0.0204	0.00519	
5	PCB-085/116/117	35.18	1.57	0.136		0.0611	0.0113	
5	PCB-086/087/097/108/119/12	34.51	1.58	0.490		0.122	0.0250	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10719470009-R
Lab File ID: P250406A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 14:45
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 11:43
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1960mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.12	1.57	0.492		0.0407	0.00835	
5	PCB-089			ND		0.0204	0.00367	
5	PCB-090/101/113	33.31	1.58	1.60		0.0611	0.0204	
5	PCB-092	32.70	1.56	0.456		0.0204	0.00428	
5	PCB-093/098/100/102	30.46	1.57	0.430		0.0815	0.0160	
5	PCB-094	29.73	1.54	0.0837		0.0204	0.00376	
5	PCB-095	30.20	1.55	1.45		0.0570	0.0185	
5	PCB-096	27.40	1.64	0.0564		0.0204	0.00448	
5	PCB-099	33.94	1.57	0.593		0.0204	0.00764	
5	PCB-103	29.51	1.57	0.169		0.0204	0.00429	
5	PCB-104	27.02	1.53	0.0739		0.0204	0.00489	
5	PCB-105	39.73	1.46	0.135		0.0204	0.00371	
5	PCB-106			ND		0.0204	0.00300	
5	PCB-107/124			ND		0.0407	0.00542	
5	PCB-109	38.05	1.50	0.0362		0.0204	0.00256	
5	PCB-110/115	35.38	1.58	1.02		0.0407	0.0153	
5	PCB-111			ND		0.0204	0.00372	
5	PCB-112			ND		0.0204	0.00439	
5	PCB-114			ND		0.0204	0.00259	
5	PCB-118	38.51	1.57	0.432		0.0318	0.00753	
5	PCB-120			ND		0.0204	0.00461	
5	PCB-121			ND		0.0204	0.00378	
5	PCB-122			ND		0.0204	0.00326	
5	PCB-123			ND		0.0204	0.00323	
5	PCB-126			ND		0.0204	0.00327	
5	PCB-127			ND		0.0204	0.00219	
6	PCB-128/166	43.03	1.27	0.188		0.0407	0.00648	
6	PCB-129/138/163	41.73	1.27	2.97		0.0611	0.0113	
6	PCB-130	41.06	1.27	0.130		0.0204	0.00375	
6	PCB-131	38.15	1.12	0.0210		0.0204	0.00373	
6	PCB-132	38.61	1.25	0.849		0.0204	0.00459	
6	PCB-133	39.13	1.26	0.0718		0.0204	0.00383	
6	PCB-134/143	37.52	1.19	0.162		0.0407	0.00732	
6	PCB-135/151	36.35	1.26	1.81		0.0407	0.0101	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10719470009-R
Lab File ID: P250406A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 14:45
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 11:43
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1960mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.83	1.26	0.563		0.0204	0.00549	
6	PCB-137	41.28	1.38	0.0408		0.0204	0.00409	
6	PCB-139/140			ND		0.0407	0.00585	
6	PCB-141	40.65	1.26	0.638		0.0204	0.00479	
6	PCB-142			ND		0.0204	0.00298	
6	PCB-144	36.94	1.26	0.182		0.0204	0.00547	
6	PCB-145			ND		0.0204	0.00451	
6	PCB-146	39.81	1.23	0.500		0.0204	0.00377	
6	PCB-147/149	37.31	1.26	3.28		0.0407	0.0120	
6	PCB-148	35.73	1.13	0.0287		0.0204	0.00458	
6	PCB-150	33.47	1.19	0.0306		0.0204	0.00436	
6	PCB-152	33.28	1.29	0.0231		0.0204	0.00450	
6	PCB-153/168	40.45	1.25	3.26		0.0407	0.0109	
6	PCB-154	36.64	1.26	0.0872		0.0204	0.00421	
6	PCB-155			ND		0.0204	0.00538	
6	PCB-156/157	45.99	1.21	0.144		0.0407	0.00544	
6	PCB-158	42.14	1.24	0.195		0.0204	0.00316	
6	PCB-159	44.01	1.24	0.0356		0.0204	0.00313	
6	PCB-160			ND		0.0204	0.00296	
6	PCB-161			ND		0.0204	0.00387	
6	PCB-162			ND		0.0204	0.00314	
6	PCB-164	41.40	1.27	0.201		0.0204	0.00326	
6	PCB-165			ND		0.0204	0.00317	
6	PCB-167	44.81	1.24	0.0800		0.0204	0.00301	
6	PCB-169			ND		0.0204	0.00299	
7	PCB-170	48.70	1.05	0.934		0.0204	0.00428	
7	PCB-171/173	45.10	1.04	0.317		0.0407	0.00665	
7	PCB-172	46.75	1.06	0.201		0.0204	0.00408	
7	PCB-174	43.99	1.05	1.17		0.0204	0.00497	
7	PCB-175	42.84	1.08	0.0531		0.0204	0.00400	
7	PCB-176	40.31	1.00	0.170		0.0204	0.00432	
7	PCB-177	44.45	1.05	0.742		0.0204	0.00412	
7	PCB-178	42.19	1.05	0.329		0.0204	0.00488	
7	PCB-179	39.38	1.04	0.667		0.0204	0.00446	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10719470009-R
Lab File ID: P250406A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 14:45
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 11:43
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1960mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.41	1.06	2.39		0.0407	0.00785	
7	PCB-181			ND		0.0204	0.00371	
7	PCB-182			ND		0.0204	0.00418	
7	PCB-183/185	43.77	1.03	0.838		0.0407	0.00718	
7	PCB-184			ND		0.0204	0.00427	
7	PCB-186			ND		0.0204	0.00434	
7	PCB-187	43.13	1.05	1.69		0.0204	0.00659	
7	PCB-188			ND		0.0204	0.00387	
7	PCB-189	51.89	1.09	0.0452		0.0204	0.00393	
7	PCB-190	49.24	1.03	0.223		0.0204	0.00357	
7	PCB-191	47.77	1.00	0.0397		0.0204	0.00335	
7	PCB-192			ND		0.0204	0.00393	
8	PCB-194	54.02	0.89	0.557		0.0204	0.00380	
8	PCB-195	51.64	0.91	0.259		0.0204	0.00351	
8	PCB-196	50.08	0.93	0.298		0.0204	0.00441	
8	PCB-197/200	46.54	0.90	0.119		0.0407	0.00843	
8	PCB-198/199	49.42	0.89	0.599		0.0407	0.00635	
8	PCB-201	45.51	0.91	0.0782		0.0204	0.00407	
8	PCB-202	44.57	0.88	0.118		0.0204	0.00390	
8	PCB-203	50.29	0.91	0.416		0.0204	0.00352	
8	PCB-204			ND		0.0204	0.00320	
8	PCB-205	54.49	0.87	0.0358		0.0204	0.00380	
9	PCB-206	56.26	0.75	0.151		0.0204	0.00621	
9	PCB-207			ND		0.0204	0.00478	
9	PCB-208	51.38	0.76	0.0292		0.0204	0.00407	
10	PCB-209			ND		0.0204	0.00637	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **New Lenox Rd Bridge**
Lab Sample ID: 10719470009-R
Lab File ID: P250406A_08
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 14:45
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 11:43
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1960mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	3.88	
Total TrCB	4.34	
Total TeCB	8.44	
Total PeCB	7.88	
Total HxCB	15.5	
Total HpCB	9.81	
Total OcCB	2.48	
Total NoCB	0.180	
DeCB	ND	
Total PCBs	52.5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Woods Pond Dam (Lab Dup)**
Lab Sample ID: 10719470010-R
Lab File ID: P250406A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 13:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 12:45
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118238

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2020mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.31	3.04	2.00	0.718	36	
1	PCB-003L	13.11	3.15	2.00	0.870	44	
2	PCB-004L	13.43	1.55	2.00	0.662	33	
2	PCB-015L	20.52	1.57	2.00	1.18	59	
3	PCB-019L	17.25	1.03	2.00	0.635	32	
3	PCB-037L	28.32	1.02	2.00	2.51	125	
4	PCB-054L	20.87	0.80	2.00	0.758	38	
4	PCB-077L	36.07	0.79	2.00	2.31	115	
4	PCB-081L	35.49	0.78	2.00	2.35	117	
5	PCB-104L	27.00	1.56	2.00	0.823	41	
5	PCB-105L	39.71	1.61	2.00	2.40	120	
5	PCB-114L	39.06	1.60	2.00	2.37	118	
5	PCB-118L	38.49	1.57	2.00	2.41	120	
5	PCB-123L	38.15	1.56	2.00	2.42	121	
5	PCB-126L	42.91	1.62	2.00	2.43	121	
6	PCB-155L	33.09	1.23	2.00	1.17	58	
6	PCB-156/157L	45.99	1.28	4.00	4.63	116	
6	PCB-167L	44.81	1.26	2.00	2.41	121	
6	PCB-169L	49.31	1.26	2.00	2.16	108	
7	PCB-188L	39.04	1.06	2.00	1.67	83	
7	PCB-189L	51.89	1.06	2.00	2.43	122	
8	PCB-202L	44.56	0.92	2.00	1.70	85	
8	PCB-205L	54.49	0.92	2.00	1.75	88	
9	PCB-206L	56.26	0.81	2.00	1.61	80	
9	PCB-208L	51.38	0.79	2.00	1.69	85	
10	PCB-209L	57.88	0.70	2.00	1.47	73	
Recovery Standards							
2	PCB-009L	15.89	1.59	2.00	2.55	N/A	
4	PCB-052L	25.95	0.78	2.00	2.29	N/A	
5	PCB-101L	33.31	1.61	2.00	2.32	N/A	
6	PCB-138L	41.71	1.26	2.00	2.45	N/A	
8	PCB-194L	54.02	0.91	2.00	2.32	N/A	
Cleanup Standards							
3	PCB-028L	23.95	1.04	2.00	1.83	91	
5	PCB-111L	36.12	1.56	2.00	1.56	78	
7	PCB-178L	42.17	1.03	2.00	1.64	82	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam (Lab Dup)**
Lab Sample ID: 10719470010-R
Lab File ID: P250406A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 13:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 12:45
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2020mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0198	0.00524	
1	PCB-002			ND		0.0198	0.00376	
1	PCB-003			ND		0.0198	0.00663	
2	PCB-004	13.45	1.56	3.17		0.0198	0.00613	
2	PCB-005			ND		0.0198	0.00477	
2	PCB-006			ND		0.0198	0.00297	
2	PCB-007			ND		0.0198	0.00250	
2	PCB-008			ND		0.0198	0.00870	
2	PCB-009			ND		0.0198	0.00277	
2	PCB-010	13.66	1.51	0.101		0.0198	0.00319	
2	PCB-011			ND		0.194	0.0759	
2	PCB-012/013			ND		0.0395	0.00474	
2	PCB-014			ND		0.0198	0.00278	
2	PCB-015	20.54	1.53	0.0756		0.0261	0.00514	
3	PCB-016			ND		0.0198	0.00484	
3	PCB-017	19.97	1.06	0.199		0.0198	0.00455	
3	PCB-018/030	19.48	1.05	0.124		0.0395	0.00988	
3	PCB-019	17.28	1.04	2.64		0.0198	0.00391	
3	PCB-020/028			ND		0.102	0.0147	
3	PCB-021/033			ND		0.107	0.0148	
3	PCB-022			ND		0.0751	0.0119	
3	PCB-023			ND		0.0198	0.00217	
3	PCB-024			ND		0.0198	0.00280	
3	PCB-025	23.31	0.99	0.0506		0.0198	0.00301	
3	PCB-026/029	23.02	1.04	0.0665		0.0395	0.00488	
3	PCB-027	20.20	1.08	0.210		0.0198	0.00312	
3	PCB-031			ND		0.103	0.0200	
3	PCB-032	21.10	1.04	0.154		0.0198	0.00316	
3	PCB-034			ND		0.0198	0.00301	
3	PCB-035			ND		0.0198	0.00277	
3	PCB-036			ND		0.0198	0.00275	
3	PCB-037			ND		0.0419	0.00600	
3	PCB-038			ND		0.0198	0.00277	
3	PCB-039			ND		0.0198	0.00251	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam (Lab Dup)**
Lab Sample ID: 10719470010-R
Lab File ID: P250406A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 13:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 12:45
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2020mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.21	0.88	0.497		0.0593	0.0107	
4	PCB-042	27.65	0.82	0.0605		0.0198	0.00374	
4	PCB-043/073	26.15	0.87	0.0497		0.0395	0.00659	
4	PCB-044/047/065	27.13	0.78	1.42		0.0593	0.0124	
4	PCB-045/051	24.16	0.79	0.951		0.0395	0.00583	
4	PCB-046	24.42	0.85	0.0403		0.0198	0.00302	
4	PCB-048			ND		0.0198	0.00348	
4	PCB-069/049	26.52	0.77	0.850		0.0395	0.00899	
4	PCB-050/053	23.32	0.79	0.895		0.0395	0.00537	
4	PCB-052	25.98	0.79	0.754		0.102	0.0277	
4	PCB-054	20.89	0.79	0.603		0.0198	0.00380	
4	PCB-055			ND		0.0198	0.00316	
4	PCB-056			ND		0.0198	0.00415	
4	PCB-057	30.02	0.73	0.0205		0.0198	0.00270	
4	PCB-058			ND		0.0198	0.00376	
4	PCB-059/062/075			ND		0.0593	0.00877	
4	PCB-060			ND		0.0198	0.00313	
4	PCB-061/070/074/076	31.14	0.72	0.0972		0.0791	0.0168	
4	PCB-063	30.83	0.79	0.0249		0.0198	0.00294	
4	PCB-064	28.42	0.96 *	0.127	~~I~~ UX	0.0198	0.00474	0.127
4	PCB-066	31.49	0.78	0.0993		0.0467	0.00751	
4	PCB-067			ND		0.0198	0.00262	
4	PCB-068			ND		0.0198	0.00265	
4	PCB-072	29.34	0.85	0.0307		0.0198	0.00249	
4	PCB-077			ND		0.0198	0.00269	
4	PCB-078			ND		0.0198	0.00313	
4	PCB-079			ND		0.0198	0.00306	
4	PCB-080			ND		0.0198	0.00277	
4	PCB-081			ND		0.0198	0.00247	
5	PCB-082	35.73	1.42	0.0233		0.0198	0.00446	
5	PCB-083	33.81	1.28 *	0.0280	~~I~~ UX	0.0198	0.00450	0.0280
5	PCB-084	31.36	1.47	0.0895		0.0198	0.00504	
5	PCB-085/116/117	35.18	1.63	0.0751		0.0593	0.0110	
5	PCB-086/087/097/108/119/12	34.51	1.58	0.245		0.119	0.0243	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam (Lab Dup)**
Lab Sample ID: 10719470010-R
Lab File ID: P250406A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 13:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 12:45
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2020mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.14	1.53	0.282		0.0395	0.00810	
5	PCB-089			ND		0.0198	0.00356	
5	PCB-090/101/113	33.33	1.58	0.815		0.0593	0.0198	
5	PCB-092	32.72	1.49	0.272		0.0198	0.00415	
5	PCB-093/098/100/102	30.47	1.54	0.313		0.0791	0.0155	
5	PCB-094	29.75	1.22 *	0.0698	UX	0.0198	0.00365	0.0698
5	PCB-095	30.22	1.47	0.933		0.0554	0.0180	
5	PCB-096	27.42	1.61	0.0380		0.0198	0.00435	
5	PCB-099	33.94	1.57	0.297		0.0198	0.00741	
5	PCB-103	29.52	1.40	0.110		0.0198	0.00416	
5	PCB-104	27.03	1.47	0.0499		0.0198	0.00474	
5	PCB-105	39.74	1.55	0.0495		0.0198	0.00360	
5	PCB-106			ND		0.0198	0.00292	
5	PCB-107/124			ND		0.0395	0.00526	
5	PCB-109			ND		0.0198	0.00248	
5	PCB-110/115	35.39	1.57	0.474		0.0395	0.0148	
5	PCB-111			ND		0.0198	0.00361	
5	PCB-112			ND		0.0198	0.00426	
5	PCB-114			ND		0.0198	0.00251	
5	PCB-118	38.53	1.55	0.184		0.0308	0.00731	
5	PCB-120			ND		0.0198	0.00448	
5	PCB-121			ND		0.0198	0.00367	
5	PCB-122			ND		0.0198	0.00316	
5	PCB-123			ND		0.0198	0.00313	
5	PCB-126			ND		0.0198	0.00317	
5	PCB-127			ND		0.0198	0.00213	
6	PCB-128/166	43.04	1.21	0.0940		0.0395	0.00629	
6	PCB-129/138/163	41.74	1.26	1.12		0.0593	0.0110	
6	PCB-130	41.08	1.15	0.0744		0.0198	0.00364	
6	PCB-131			ND		0.0198	0.00362	
6	PCB-132	38.63	1.25	0.343		0.0198	0.00446	
6	PCB-133	39.14	1.18	0.0343		0.0198	0.00372	
6	PCB-134/143	37.54	1.12	0.0673		0.0395	0.00711	
6	PCB-135/151	36.36	1.25	0.783		0.0395	0.00977	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam (Lab Dup)**
Lab Sample ID: 10719470010-R
Lab File ID: P250406A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 13:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 12:45
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2020mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.85	1.24	0.263		0.0198	0.00533	
6	PCB-137	41.30	1.03 *	0.0222	~~J~~ UX	0.0198	0.00397	0.0222
6	PCB-139/140			ND		0.0395	0.00568	
6	PCB-141	40.67	1.24	0.258		0.0198	0.00465	
6	PCB-142			ND		0.0198	0.00290	
6	PCB-144	36.96	1.27	0.0775		0.0198	0.00531	
6	PCB-145			ND		0.0198	0.00438	
6	PCB-146	39.83	1.24	0.208		0.0198	0.00366	
6	PCB-147/149	37.33	1.26	1.37		0.0395	0.0117	
6	PCB-148			ND		0.0198	0.00445	
6	PCB-150	33.49	0.99 *	0.0299	~~J~~ UX	0.0198	0.00423	0.0299
6	PCB-152			ND		0.0198	0.00437	
6	PCB-153/168	40.46	1.24	1.31		0.0395	0.0106	
6	PCB-154	36.64	1.27	0.0425		0.0198	0.00408	
6	PCB-155			ND		0.0198	0.00522	
6	PCB-156/157	46.01	1.22	0.0640		0.0395	0.00528	
6	PCB-158	42.15	1.21	0.0824		0.0198	0.00306	
6	PCB-159			ND		0.0198	0.00303	
6	PCB-160			ND		0.0198	0.00288	
6	PCB-161			ND		0.0198	0.00376	
6	PCB-162			ND		0.0198	0.00304	
6	PCB-164	41.42	1.19	0.0855		0.0198	0.00316	
6	PCB-165			ND		0.0198	0.00307	
6	PCB-167	44.83	1.26	0.0314		0.0198	0.00293	
6	PCB-169			ND		0.0198	0.00291	
7	PCB-170	48.71	1.07	0.336		0.0198	0.00415	
7	PCB-171/173	45.12	0.94	0.156		0.0395	0.00645	
7	PCB-172	46.76	1.05	0.0738		0.0198	0.00396	
7	PCB-174	44.01	1.01	0.420		0.0198	0.00482	
7	PCB-175			ND		0.0198	0.00388	
7	PCB-176	40.32	1.07	0.0600		0.0198	0.00419	
7	PCB-177	44.45	1.03	0.265		0.0198	0.00400	
7	PCB-178	42.19	0.92	0.124		0.0198	0.00473	
7	PCB-179	39.40	1.02	0.237		0.0198	0.00433	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Woods Pond Dam (Lab Dup)**
Lab Sample ID: 10719470010-R
Lab File ID: P250406A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 13:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 12:45
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2020mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.43	1.05	0.816		0.0395	0.00762	
7	PCB-181			ND		0.0198	0.00360	
7	PCB-182			ND		0.0198	0.00406	
7	PCB-183/185	43.79	0.97	0.324		0.0395	0.00697	
7	PCB-184			ND		0.0198	0.00414	
7	PCB-186			ND		0.0198	0.00421	
7	PCB-187	43.13	1.07	0.605		0.0198	0.00639	
7	PCB-188			ND		0.0198	0.00376	
7	PCB-189	51.89	0.89	0.0248		0.0198	0.00382	
7	PCB-190	49.26	1.08	0.0697		0.0198	0.00347	
7	PCB-191			ND		0.0198	0.00325	
7	PCB-192			ND		0.0198	0.00382	
8	PCB-194	54.04	0.91	0.170		0.0198	0.00369	
8	PCB-195	51.66	0.91	0.0903		0.0198	0.00341	
8	PCB-196	50.10	0.91	0.104		0.0198	0.00428	
8	PCB-197/200			ND		0.0395	0.00818	
8	PCB-198/199	49.43	0.86	0.195		0.0395	0.00617	
8	PCB-201	45.53	0.77	0.0328		0.0198	0.00395	
8	PCB-202	44.57	0.91	0.0369		0.0198	0.00379	
8	PCB-203	50.30	0.89	0.142		0.0198	0.00342	
8	PCB-204			ND		0.0198	0.00310	
8	PCB-205	54.51	0.99	0.0199		0.0198	0.00369	
9	PCB-206	56.28	0.82	0.0395		0.0198	0.00603	
9	PCB-207			ND		0.0198	0.00464	
9	PCB-208			ND		0.0198	0.00395	
10	PCB-209			ND		0.0198	0.00619	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Woods Pond Dam (Lab Dup)**
Lab Sample ID: 10719470010-R
Lab File ID: P250406A_09
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 13:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 12:45
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2020mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	3.34	
Total TrCB	3.45	
Total TeCB	6.39	
Total PeCB	4.25	
Total HxCB	6.30	
Total HpCB	3.51	
Total OcCB	0.791	
Total NoCB	0.0395	
DeCB	ND	
Total PCBs	28.1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10719470011-R
Lab File ID: P250406A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 16:15
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 13:47
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118238

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2080mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.30	3.14	2.00	0.595	30	
1	PCB-003L	13.11	3.14	2.00	0.717	36	
2	PCB-004L	13.42	1.53	2.00	0.592	30	
2	PCB-015L	20.52	1.53	2.00	0.941	47	
3	PCB-019L	17.25	1.02	2.00	0.530	26	
3	PCB-037L	28.32	1.08	2.00	1.57	79	
4	PCB-054L	20.87	0.79	2.00	0.582	29	
4	PCB-077L	36.08	0.80	2.00	2.05	103	
4	PCB-081L	35.50	0.79	2.00	2.01	101	
5	PCB-104L	27.01	1.58	2.00	0.557	28	
5	PCB-105L	39.72	1.58	2.00	2.25	112	
5	PCB-114L	39.06	1.61	2.00	2.13	106	
5	PCB-118L	38.51	1.60	2.00	2.17	108	
5	PCB-123L	38.17	1.58	2.00	2.17	108	
5	PCB-126L	42.90	1.62	2.00	2.22	111	
6	PCB-155L	33.08	1.25	2.00	0.733	37	
6	PCB-156/157L	46.01	1.27	4.00	4.44	111	
6	PCB-167L	44.81	1.26	2.00	2.24	112	
6	PCB-169L	49.31	1.26	2.00	2.05	103	
7	PCB-188L	39.04	1.05	2.00	1.50	75	
7	PCB-189L	51.88	1.05	2.00	2.34	117	
8	PCB-202L	44.55	0.91	2.00	1.67	84	
8	PCB-205L	54.48	0.90	2.00	1.74	87	
9	PCB-206L	56.26	0.81	2.00	1.51	75	
9	PCB-208L	51.37	0.80	2.00	1.71	86	
10	PCB-209L	57.88	0.73	2.00	1.41	71	
Recovery Standards							
2	PCB-009L	15.88	1.58	2.00	2.77	N/A	
4	PCB-052L	25.95	0.79	2.00	2.52	N/A	
5	PCB-101L	33.31	1.58	2.00	2.44	N/A	
6	PCB-138L	41.72	1.25	2.00	2.56	N/A	
8	PCB-194L	54.01	0.91	2.00	2.32	N/A	
Cleanup Standards							
3	PCB-028L	23.95	1.06	2.00	1.80	90	
5	PCB-111L	36.12	1.58	2.00	1.52	76	
7	PCB-178L	42.17	1.03	2.00	1.56	78	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10719470011-R
Lab File ID: P250406A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 16:15
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 13:47
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2080mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0192	0.00509	
1	PCB-002			ND		0.0192	0.00365	
1	PCB-003			ND		0.0192	0.00645	
2	PCB-004	13.44	1.54	2.31		0.0192	0.00596	
2	PCB-005			ND		0.0192	0.00464	
2	PCB-006			ND		0.0192	0.00288	
2	PCB-007			ND		0.0192	0.00243	
2	PCB-008			ND		0.0192	0.00846	
2	PCB-009			ND		0.0192	0.00269	
2	PCB-010	13.66	1.51	0.0879		0.0192	0.00310	
2	PCB-011	19.83	1.08 *	0.241	UX	0.188	0.0738	0.241
2	PCB-012/013			ND		0.0384	0.00461	
2	PCB-014			ND		0.0192	0.00270	
2	PCB-015	20.54	1.36	0.143		0.0254	0.00500	
3	PCB-016	20.52	1.02	0.0671		0.0192	0.00471	
3	PCB-017	19.96	1.11	0.222		0.0192	0.00442	
3	PCB-018/030	19.48	1.03	0.134		0.0384	0.00961	
3	PCB-019	17.27	1.05	2.25		0.0192	0.00381	
3	PCB-020/028			ND		0.0992	0.0143	
3	PCB-021/033			ND		0.104	0.0144	
3	PCB-022			ND		0.0730	0.0115	
3	PCB-023			ND		0.0192	0.00211	
3	PCB-024			ND		0.0192	0.00272	
3	PCB-025	23.34	1.00	0.114		0.0192	0.00293	
3	PCB-026/029	23.03	1.04	0.0880		0.0384	0.00475	
3	PCB-027	20.20	1.10	0.261		0.0192	0.00304	
3	PCB-031			ND		0.0999	0.0194	
3	PCB-032	21.09	0.99	0.114		0.0192	0.00307	
3	PCB-034	22.48	1.01	0.0597		0.0192	0.00293	
3	PCB-035			ND		0.0192	0.00269	
3	PCB-036			ND		0.0192	0.00267	
3	PCB-037			ND		0.0407	0.00583	
3	PCB-038			ND		0.0192	0.00269	
3	PCB-039			ND		0.0192	0.00244	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10719470011-R
Lab File ID: P250406A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 16:15
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 13:47
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2080mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071	28.18	0.79	0.146		0.0577	0.0104	
4	PCB-042	27.64	0.80	0.0490		0.0192	0.00363	
4	PCB-043/073	26.14	0.77	0.0452		0.0384	0.00641	
4	PCB-044/047/065	27.13	0.79	1.32		0.0577	0.0120	
4	PCB-045/051	24.16	0.79	0.729		0.0384	0.00567	
4	PCB-046	24.42	0.81	0.0304		0.0192	0.00294	
4	PCB-048			ND		0.0192	0.00338	
4	PCB-069/049	26.51	0.78	0.815		0.0384	0.00874	
4	PCB-050/053	23.32	0.80	0.818		0.0384	0.00522	
4	PCB-052	25.98	0.78	0.872		0.0992	0.0269	
4	PCB-054	20.89	0.79	0.583		0.0192	0.00369	
4	PCB-055			ND		0.0192	0.00307	
4	PCB-056			ND		0.0192	0.00404	
4	PCB-057			ND		0.0192	0.00262	
4	PCB-058			ND		0.0192	0.00365	
4	PCB-059/062/075			ND		0.0577	0.00852	
4	PCB-060			ND		0.0192	0.00305	
4	PCB-061/070/074/076	31.15	0.78	0.139		0.0769	0.0163	
4	PCB-063			ND		0.0192	0.00285	
4	PCB-064	28.42	0.83	0.0393		0.0192	0.00461	
4	PCB-066	31.49	0.81	0.113		0.0454	0.00730	
4	PCB-067			ND		0.0192	0.00255	
4	PCB-068	29.63	0.75	0.0195		0.0192	0.00258	
4	PCB-072			ND		0.0192	0.00242	
4	PCB-077			ND		0.0192	0.00261	
4	PCB-078			ND		0.0192	0.00305	
4	PCB-079			ND		0.0192	0.00298	
4	PCB-080			ND		0.0192	0.00269	
4	PCB-081			ND		0.0192	0.00240	
5	PCB-082	35.73	1.54	0.0437		0.0192	0.00433	
5	PCB-083	33.83	1.54	0.0347		0.0192	0.00437	
5	PCB-084	31.36	1.56	0.128		0.0192	0.00490	
5	PCB-085/116/117	35.21	1.64	0.115		0.0577	0.0107	
5	PCB-086/087/097/108/119/12	34.52	1.55	0.430		0.115	0.0236	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10719470011-R
Lab File ID: P250406A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 16:15
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 13:47
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2080mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091	31.13	1.57	0.370		0.0384	0.00788	
5	PCB-089			ND		0.0192	0.00346	
5	PCB-090/101/113	33.33	1.57	1.34		0.0577	0.0192	
5	PCB-092	32.71	1.55	0.347		0.0192	0.00404	
5	PCB-093/098/100/102	30.47	1.52	0.348		0.0769	0.0151	
5	PCB-094	29.75	1.51	0.0604		0.0192	0.00355	
5	PCB-095	30.21	1.56	1.24		0.0538	0.0175	
5	PCB-096	27.42	1.47	0.0407		0.0192	0.00423	
5	PCB-099	33.96	1.54	0.462		0.0192	0.00721	
5	PCB-103	29.52	1.56	0.129		0.0192	0.00405	
5	PCB-104	27.03	1.60	0.0876		0.0192	0.00461	
5	PCB-105	39.74	1.53	0.113		0.0192	0.00350	
5	PCB-106			ND		0.0192	0.00283	
5	PCB-107/124			ND		0.0384	0.00511	
5	PCB-109	38.06	1.42	0.0282		0.0192	0.00241	
5	PCB-110/115	35.39	1.55	0.890		0.0384	0.0144	
5	PCB-111			ND		0.0192	0.00351	
5	PCB-112			ND		0.0192	0.00414	
5	PCB-114			ND		0.0192	0.00244	
5	PCB-118	38.53	1.57	0.392		0.0300	0.00711	
5	PCB-120			ND		0.0192	0.00435	
5	PCB-121			ND		0.0192	0.00357	
5	PCB-122			ND		0.0192	0.00307	
5	PCB-123			ND		0.0192	0.00305	
5	PCB-126			ND		0.0192	0.00308	
5	PCB-127			ND		0.0192	0.00207	
6	PCB-128/166	43.04	1.26	0.169		0.0384	0.00611	
6	PCB-129/138/163	41.76	1.25	2.71		0.0577	0.0107	
6	PCB-130	41.07	1.26	0.113		0.0192	0.00354	
6	PCB-131	38.17	1.38	0.0223		0.0192	0.00352	
6	PCB-132	38.63	1.23	0.775		0.0192	0.00433	
6	PCB-133	39.14	1.24	0.0608		0.0192	0.00361	
6	PCB-134/143	37.53	1.32	0.134		0.0384	0.00691	
6	PCB-135/151	36.36	1.25	1.60		0.0384	0.00949	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10719470011-R
Lab File ID: P250406A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 16:15
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 13:47
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2080mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136	33.84	1.25	0.517		0.0192	0.00518	
6	PCB-137	41.30	1.26	0.0411		0.0192	0.00386	
6	PCB-139/140			ND		0.0384	0.00553	
6	PCB-141	40.66	1.25	0.586		0.0192	0.00452	
6	PCB-142			ND		0.0192	0.00282	
6	PCB-144	36.96	1.25	0.183		0.0192	0.00516	
6	PCB-145			ND		0.0192	0.00426	
6	PCB-146	39.83	1.24	0.428		0.0192	0.00356	
6	PCB-147/149	37.33	1.26	2.89		0.0384	0.0113	
6	PCB-148	35.76	1.23	0.0256		0.0192	0.00432	
6	PCB-150	33.49	1.20	0.0264		0.0192	0.00411	
6	PCB-152	33.29	1.22	0.0197		0.0192	0.00425	
6	PCB-153/168	40.46	1.27	2.88		0.0384	0.0103	
6	PCB-154	36.65	1.29	0.0878		0.0192	0.00397	
6	PCB-155			ND		0.0192	0.00507	
6	PCB-156/157	46.01	1.24	0.130		0.0384	0.00513	
6	PCB-158	42.15	1.22	0.190		0.0192	0.00298	
6	PCB-159	44.04	1.36	0.0347		0.0192	0.00295	
6	PCB-160			ND		0.0192	0.00280	
6	PCB-161			ND		0.0192	0.00365	
6	PCB-162			ND		0.0192	0.00296	
6	PCB-164	41.42	1.22	0.193		0.0192	0.00307	
6	PCB-165			ND		0.0192	0.00299	
6	PCB-167	44.84	1.26	0.0630		0.0192	0.00284	
6	PCB-169			ND		0.0192	0.00283	
7	PCB-170	48.73	1.03	0.862		0.0192	0.00404	
7	PCB-171/173	45.12	1.08	0.301		0.0384	0.00627	
7	PCB-172	46.76	1.04	0.187		0.0192	0.00385	
7	PCB-174	44.00	1.05	1.10		0.0192	0.00469	
7	PCB-175	42.85	1.05	0.0467		0.0192	0.00378	
7	PCB-176	40.32	1.04	0.166		0.0192	0.00407	
7	PCB-177	44.47	1.06	0.684		0.0192	0.00389	
7	PCB-178	42.20	1.04	0.321		0.0192	0.00460	
7	PCB-179	39.41	1.06	0.627		0.0192	0.00421	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10719470011-R
Lab File ID: P250406A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 16:15
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 13:47
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2080mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.43	1.04	2.18		0.0384	0.00741	
7	PCB-181			ND		0.0192	0.00350	
7	PCB-182			ND		0.0192	0.00395	
7	PCB-183/185	43.78	1.05	0.814		0.0384	0.00677	
7	PCB-184			ND		0.0192	0.00403	
7	PCB-186			ND		0.0192	0.00409	
7	PCB-187	43.14	1.06	1.59		0.0192	0.00622	
7	PCB-188			ND		0.0192	0.00365	
7	PCB-189	51.90	0.99	0.0364		0.0192	0.00371	
7	PCB-190	49.27	1.05	0.199		0.0192	0.00337	
7	PCB-191	47.80	1.10	0.0371		0.0192	0.00316	
7	PCB-192			ND		0.0192	0.00371	
8	PCB-194	54.04	0.92	0.444		0.0192	0.00358	
8	PCB-195	51.66	0.93	0.217		0.0192	0.00332	
8	PCB-196	50.09	0.91	0.263		0.0192	0.00416	
8	PCB-197/200	46.55	0.88	0.101		0.0384	0.00796	
8	PCB-198/199	49.43	0.88	0.503		0.0384	0.00600	
8	PCB-201	45.54	0.90	0.0732		0.0192	0.00384	
8	PCB-202	44.59	0.90	0.100		0.0192	0.00368	
8	PCB-203	50.30	0.91	0.360		0.0192	0.00332	
8	PCB-204			ND		0.0192	0.00302	
8	PCB-205	54.53	0.93	0.0282		0.0192	0.00358	
9	PCB-206	56.28	0.80	0.136		0.0192	0.00586	
9	PCB-207			ND		0.0192	0.00451	
9	PCB-208	51.39	0.79	0.0305		0.0192	0.00384	
10	PCB-209	57.90	0.65	0.0264		0.0192	0.00602	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Near Pittsfield WWTP**
Lab Sample ID: 10719470011-R
Lab File ID: P250406A_10
Matrix: Water
Percent Solids: N/A
Date Collected: 12/16/2024 16:15
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 13:47
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 2080mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	2.54	
Total TrCB	3.31	
Total TeCB	5.72	
Total PeCB	6.60	
Total HxCB	13.9	
Total HpCB	9.16	
Total OcCB	2.09	
Total NoCB	0.167	
DeCB	0.0264	
Total PCBs	43.5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10719470012-R
Lab File ID: P250406A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 12/17/2024 14:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 14:49
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118238

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.30	3.05	2.00	0.571	29	
1	PCB-003L	13.11	3.16	2.00	0.687	34	
2	PCB-004L	13.43	1.54	2.00	0.568	28	
2	PCB-015L	20.52	1.59	2.00	0.917	46	
3	PCB-019L	17.25	1.05	2.00	0.546	27	
3	PCB-037L	28.34	1.06	2.00	1.70	85	
4	PCB-054L	20.88	0.80	2.00	0.654	33	
4	PCB-077L	36.09	0.82	2.00	1.96	98	
4	PCB-081L	35.51	0.80	2.00	1.98	99	
5	PCB-104L	27.02	1.64	2.00	0.817	41	
5	PCB-105L	39.73	1.54	2.00	2.19	109	
5	PCB-114L	39.08	1.62	2.00	2.13	107	
5	PCB-118L	38.52	1.60	2.00	2.16	108	
5	PCB-123L	38.17	1.58	2.00	2.15	108	
5	PCB-126L	42.91	1.59	2.00	2.13	107	
6	PCB-155L	33.11	1.24	2.00	1.03	52	
6	PCB-156/157L	46.01	1.27	4.00	4.09	102	
6	PCB-167L	44.83	1.26	2.00	2.11	106	
6	PCB-169L	49.32	1.27	2.00	1.89	94	
7	PCB-188L	39.06	1.05	2.00	1.64	82	
7	PCB-189L	51.89	1.07	2.00	2.18	109	
8	PCB-202L	44.58	0.91	2.00	1.58	79	
8	PCB-205L	54.51	0.89	2.00	1.61	80	
9	PCB-206L	56.27	0.81	2.00	1.47	73	
9	PCB-208L	51.38	0.81	2.00	1.60	80	
10	PCB-209L	57.91	0.69	2.00	1.35	68	
Recovery Standards							
2	PCB-009L	15.88	1.58	2.00	3.02	N/A	
4	PCB-052L	25.97	0.79	2.00	2.76	N/A	
5	PCB-101L	33.32	1.56	2.00	2.59	N/A	
6	PCB-138L	41.73	1.27	2.00	2.75	N/A	
8	PCB-194L	54.02	0.91	2.00	2.50	N/A	
Cleanup Standards							
3	PCB-028L	23.96	1.04	2.00	1.66	83	
5	PCB-111L	36.14	1.59	2.00	1.46	73	
7	PCB-178L	42.19	1.05	2.00	1.45	73	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10719470012-R
Lab File ID: P250406A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 12/17/2024 14:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 14:49
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0211	0.00560	
1	PCB-002			ND		0.0211	0.00402	
1	PCB-003			ND		0.0211	0.00709	
2	PCB-004	13.44	1.56	3.14		0.0211	0.00655	
2	PCB-005			ND		0.0211	0.00510	
2	PCB-006			ND		0.0211	0.00317	
2	PCB-007			ND		0.0211	0.00267	
2	PCB-008			ND		0.0211	0.00930	
2	PCB-009			ND		0.0211	0.00296	
2	PCB-010	13.66	1.55	0.109		0.0211	0.00341	
2	PCB-011			ND		0.207	0.0812	
2	PCB-012/013			ND		0.0423	0.00507	
2	PCB-014			ND		0.0211	0.00297	
2	PCB-015	20.54	1.48	0.0388		0.0279	0.00550	
3	PCB-016	20.49	1.05	0.0255		0.0211	0.00518	
3	PCB-017	19.97	1.05	0.103		0.0211	0.00486	
3	PCB-018/030	19.48	1.05	0.109		0.0423	0.0106	
3	PCB-019	17.28	1.05	0.899		0.0211	0.00419	
3	PCB-020/028			ND		0.109	0.0157	
3	PCB-021/033			ND		0.114	0.0159	
3	PCB-022			ND		0.0803	0.0127	
3	PCB-023			ND		0.0211	0.00233	
3	PCB-024			ND		0.0211	0.00299	
3	PCB-025			ND		0.0211	0.00322	
3	PCB-026/029			ND		0.0423	0.00522	
3	PCB-027	20.22	1.08	0.138		0.0211	0.00334	
3	PCB-031			ND		0.110	0.0213	
3	PCB-032	21.10	1.02	0.0435		0.0211	0.00338	
3	PCB-034			ND		0.0211	0.00322	
3	PCB-035			ND		0.0211	0.00296	
3	PCB-036			ND		0.0211	0.00294	
3	PCB-037			ND		0.0448	0.00642	
3	PCB-038			ND		0.0211	0.00296	
3	PCB-039			ND		0.0211	0.00268	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10719470012-R
Lab File ID: P250406A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 12/17/2024 14:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 14:49
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0634	0.0114	
4	PCB-042			ND		0.0211	0.00400	
4	PCB-043/073			ND		0.0423	0.00705	
4	PCB-044/047/065	27.12	0.79	0.142		0.0634	0.0132	
4	PCB-045/051	24.17	0.77	0.0711		0.0423	0.00624	
4	PCB-046			ND		0.0211	0.00323	
4	PCB-048			ND		0.0211	0.00372	
4	PCB-069/049	26.54	0.80	0.107		0.0423	0.00962	
4	PCB-050/053	23.33	0.77	0.115		0.0423	0.00574	
4	PCB-052	25.99	0.79	0.253		0.109	0.0296	
4	PCB-054	20.89	0.77	0.0577		0.0211	0.00406	
4	PCB-055			ND		0.0211	0.00338	
4	PCB-056			ND		0.0211	0.00444	
4	PCB-057			ND		0.0211	0.00289	
4	PCB-058			ND		0.0211	0.00402	
4	PCB-059/062/075			ND		0.0634	0.00937	
4	PCB-060			ND		0.0211	0.00335	
4	PCB-061/070/074/076			ND		0.0846	0.0180	
4	PCB-063			ND		0.0211	0.00314	
4	PCB-064			ND		0.0211	0.00507	
4	PCB-066			ND		0.0499	0.00803	
4	PCB-067			ND		0.0211	0.00280	
4	PCB-068			ND		0.0211	0.00283	
4	PCB-072			ND		0.0211	0.00266	
4	PCB-077			ND		0.0211	0.00287	
4	PCB-078			ND		0.0211	0.00335	
4	PCB-079			ND		0.0211	0.00328	
4	PCB-080			ND		0.0211	0.00296	
4	PCB-081			ND		0.0211	0.00264	
5	PCB-082			ND		0.0211	0.00477	
5	PCB-083			ND		0.0211	0.00481	
5	PCB-084	31.38	1.53	0.0231		0.0211	0.00539	
5	PCB-085/116/117			ND		0.0634	0.0117	
5	PCB-086/087/097/108/119/12			ND		0.127	0.0260	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10719470012-R
Lab File ID: P250406A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 12/17/2024 14:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 14:49
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0423	0.00867	
5	PCB-089			ND		0.0211	0.00380	
5	PCB-090/101/113	33.35	1.52	0.110		0.0634	0.0211	
5	PCB-092	32.72	1.61	0.0238		0.0211	0.00444	
5	PCB-093/098/100/102			ND		0.0846	0.0166	
5	PCB-094			ND		0.0211	0.00390	
5	PCB-095	30.22	1.54	0.167	U	0.0592	0.0192	
5	PCB-096			ND		0.0211	0.00465	
5	PCB-099	33.96	1.50	0.0387		0.0211	0.00793	
5	PCB-103			ND		0.0211	0.00445	
5	PCB-104			ND		0.0211	0.00507	
5	PCB-105			ND		0.0211	0.00385	
5	PCB-106			ND		0.0211	0.00312	
5	PCB-107/124			ND		0.0423	0.00562	
5	PCB-109			ND		0.0211	0.00265	
5	PCB-110/115	35.42	1.51	0.0830	U	0.0423	0.0159	
5	PCB-111			ND		0.0211	0.00386	
5	PCB-112			ND		0.0211	0.00456	
5	PCB-114			ND		0.0211	0.00268	
5	PCB-118	38.53	1.52	0.0407		0.0330	0.00782	
5	PCB-120			ND		0.0211	0.00479	
5	PCB-121			ND		0.0211	0.00392	
5	PCB-122			ND		0.0211	0.00338	
5	PCB-123			ND		0.0211	0.00335	
5	PCB-126			ND		0.0211	0.00339	
5	PCB-127			ND		0.0211	0.00227	
6	PCB-128/166			ND		0.0423	0.00672	
6	PCB-129/138/163	41.77	1.27	0.102		0.0634	0.0117	
6	PCB-130			ND		0.0211	0.00389	
6	PCB-131			ND		0.0211	0.00387	
6	PCB-132	38.65	1.26	0.0292		0.0211	0.00477	
6	PCB-133			ND		0.0211	0.00397	
6	PCB-134/143			ND		0.0423	0.00760	
6	PCB-135/151	36.38	1.17	0.0526		0.0423	0.0104	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10719470012-R
Lab File ID: P250406A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 12/17/2024 14:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 14:49
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.0211	0.00570	
6	PCB-137			ND		0.0211	0.00425	
6	PCB-139/140			ND		0.0423	0.00608	
6	PCB-141	40.67	1.33	0.0271		0.0211	0.00497	
6	PCB-142			ND		0.0211	0.00310	
6	PCB-144			ND		0.0211	0.00568	
6	PCB-145			ND		0.0211	0.00468	
6	PCB-146			ND		0.0211	0.00391	
6	PCB-147/149	37.34	1.26	0.0955	U	0.0423	0.0125	
6	PCB-148			ND		0.0211	0.00476	
6	PCB-150			ND		0.0211	0.00452	
6	PCB-152			ND		0.0211	0.00467	
6	PCB-153/168	40.47	1.33	0.109		0.0423	0.0113	
6	PCB-154			ND		0.0211	0.00437	
6	PCB-155			ND		0.0211	0.00558	
6	PCB-156/157			ND		0.0423	0.00564	
6	PCB-158			ND		0.0211	0.00328	
6	PCB-159			ND		0.0211	0.00324	
6	PCB-160			ND		0.0211	0.00308	
6	PCB-161			ND		0.0211	0.00402	
6	PCB-162			ND		0.0211	0.00326	
6	PCB-164			ND		0.0211	0.00338	
6	PCB-165			ND		0.0211	0.00329	
6	PCB-167			ND		0.0211	0.00313	
6	PCB-169			ND		0.0211	0.00311	
7	PCB-170	48.74	0.94	0.0240		0.0211	0.00444	
7	PCB-171/173			ND		0.0423	0.00690	
7	PCB-172			ND		0.0211	0.00424	
7	PCB-174	44.01	0.91	0.0239		0.0211	0.00516	
7	PCB-175			ND		0.0211	0.00415	
7	PCB-176			ND		0.0211	0.00448	
7	PCB-177			ND		0.0211	0.00428	
7	PCB-178			ND		0.0211	0.00506	
7	PCB-179			ND		0.0211	0.00463	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10719470012-R
Lab File ID: P250406A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 12/17/2024 14:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 14:49
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193	47.45	1.10	0.0522		0.0423	0.00815	
7	PCB-181			ND		0.0211	0.00385	
7	PCB-182			ND		0.0211	0.00434	
7	PCB-183/185			ND		0.0423	0.00745	
7	PCB-184			ND		0.0211	0.00443	
7	PCB-186			ND		0.0211	0.00450	
7	PCB-187	43.15	0.98	0.0369		0.0211	0.00684	
7	PCB-188			ND		0.0211	0.00402	
7	PCB-189			ND		0.0211	0.00408	
7	PCB-190			ND		0.0211	0.00371	
7	PCB-191			ND		0.0211	0.00348	
7	PCB-192			ND		0.0211	0.00408	
8	PCB-194			ND		0.0211	0.00394	
8	PCB-195			ND		0.0211	0.00365	
8	PCB-196			ND		0.0211	0.00458	
8	PCB-197/200			ND		0.0423	0.00875	
8	PCB-198/199			ND		0.0423	0.00660	
8	PCB-201			ND		0.0211	0.00423	
8	PCB-202			ND		0.0211	0.00405	
8	PCB-203			ND		0.0211	0.00366	
8	PCB-204			ND		0.0211	0.00332	
8	PCB-205			ND		0.0211	0.00394	
9	PCB-206			ND		0.0211	0.00645	
9	PCB-207			ND		0.0211	0.00496	
9	PCB-208			ND		0.0211	0.00423	
10	PCB-209			ND		0.0211	0.00662	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **Pomeroy Avenue Bridge**
Lab Sample ID: 10719470012-R
Lab File ID: P250406A_11
Matrix: Water
Percent Solids: N/A
Date Collected: 12/17/2024 14:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 14:49
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1890mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	3.28	
Total TrCB	1.32	
Total TeCB	0.746	
Total PeCB	0.486	
Total HxCB	0.415	
Total HpCB	0.137	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	6.38	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Labeled Analyte Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10719470013-R
Lab File ID: P250406A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 10:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 15:51
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118238

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1940mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Labeled Congener	RT	IAR #	Spiked (ng)	Found (ng)	%Rec. #	Q
Internal Standards							
1	PCB-001L	10.30	3.15	2.00	0.727	36	
1	PCB-003L	13.11	3.08	2.00	0.977	49	
2	PCB-004L	13.41	1.56	2.00	0.870	44	
2	PCB-015L	20.53	1.59	2.00	1.41	71	
3	PCB-019L	17.25	1.04	2.00	0.926	46	
3	PCB-037L	28.34	1.05	2.00	1.98	99	
4	PCB-054L	20.87	0.79	2.00	1.10	55	
4	PCB-077L	36.10	0.80	2.00	1.97	98	
4	PCB-081L	35.50	0.79	2.00	2.02	101	
5	PCB-104L	27.01	1.60	2.00	1.27	63	
5	PCB-105L	39.74	1.58	2.00	2.21	110	
5	PCB-114L	39.07	1.60	2.00	2.22	111	
5	PCB-118L	38.53	1.61	2.00	2.20	110	
5	PCB-123L	38.18	1.58	2.00	2.18	109	
5	PCB-126L	42.92	1.60	2.00	2.14	107	
6	PCB-155L	33.10	1.30	2.00	1.26	63	
6	PCB-156/157L	46.01	1.27	4.00	4.30	108	
6	PCB-167L	44.83	1.26	2.00	2.19	110	
6	PCB-169L	49.32	1.23	2.00	1.98	99	
7	PCB-188L	39.06	1.05	2.00	1.68	84	
7	PCB-189L	51.90	1.08	2.00	2.23	111	
8	PCB-202L	44.57	0.90	2.00	1.62	81	
8	PCB-205L	54.50	0.90	2.00	1.64	82	
9	PCB-206L	56.28	0.79	2.00	1.46	73	
9	PCB-208L	51.39	0.79	2.00	1.62	81	
10	PCB-209L	57.90	0.71	2.00	1.39	70	
Recovery Standards							
2	PCB-009L	15.88	1.57	2.00	2.70	N/A	
4	PCB-052L	25.97	0.78	2.00	2.62	N/A	
5	PCB-101L	33.33	1.60	2.00	2.41	N/A	
6	PCB-138L	41.72	1.25	2.00	2.42	N/A	
8	PCB-194L	54.01	0.91	2.00	2.25	N/A	
Cleanup Standards							
3	PCB-028L	23.97	1.05	2.00	1.76	88	
5	PCB-111L	36.13	1.58	2.00	1.55	78	
7	PCB-178L	42.19	1.06	2.00	1.66	83	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10719470013-R
Lab File ID: P250406A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 10:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 15:51
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1940mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
1	PCB-001			ND		0.0206	0.00547	
1	PCB-002			ND		0.0206	0.00392	
1	PCB-003			ND		0.0206	0.00692	
2	PCB-004	13.44	1.56	0.0219		0.0206	0.00640	
2	PCB-005			ND		0.0206	0.00498	
2	PCB-006			ND		0.0206	0.00310	
2	PCB-007			ND		0.0206	0.00261	
2	PCB-008			ND		0.0206	0.00908	
2	PCB-009			ND		0.0206	0.00289	
2	PCB-010			ND		0.0206	0.00333	
2	PCB-011			ND		0.202	0.0792	
2	PCB-012/013			ND		0.0413	0.00495	
2	PCB-014			ND		0.0206	0.00290	
2	PCB-015			ND		0.0272	0.00537	
3	PCB-016			ND		0.0206	0.00506	
3	PCB-017			ND		0.0206	0.00475	
3	PCB-018/030			ND		0.0413	0.0103	
3	PCB-019			ND		0.0206	0.00409	
3	PCB-020/028			ND		0.106	0.0154	
3	PCB-021/033			ND		0.111	0.0155	
3	PCB-022			ND		0.0784	0.0124	
3	PCB-023			ND		0.0206	0.00227	
3	PCB-024			ND		0.0206	0.00292	
3	PCB-025			ND		0.0206	0.00315	
3	PCB-026/029			ND		0.0413	0.00510	
3	PCB-027			ND		0.0206	0.00326	
3	PCB-031			ND		0.107	0.0208	
3	PCB-032			ND		0.0206	0.00330	
3	PCB-034			ND		0.0206	0.00315	
3	PCB-035			ND		0.0206	0.00289	
3	PCB-036			ND		0.0206	0.00287	
3	PCB-037			ND		0.0437	0.00626	
3	PCB-038			ND		0.0206	0.00289	
3	PCB-039			ND		0.0206	0.00262	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10719470013-R
Lab File ID: P250406A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 10:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 15:51
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1940mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
4	PCB-040/041/071			ND		0.0619	0.0111	
4	PCB-042			ND		0.0206	0.00390	
4	PCB-043/073			ND		0.0413	0.00688	
4	PCB-044/047/065			ND		0.0619	0.0129	
4	PCB-045/051			ND		0.0413	0.00609	
4	PCB-046			ND		0.0206	0.00316	
4	PCB-048			ND		0.0206	0.00363	
4	PCB-069/049			ND		0.0413	0.00939	
4	PCB-050/053			ND		0.0413	0.00560	
4	PCB-052			ND		0.106	0.0289	
4	PCB-054			ND		0.0206	0.00396	
4	PCB-055			ND		0.0206	0.00330	
4	PCB-056			ND		0.0206	0.00433	
4	PCB-057			ND		0.0206	0.00282	
4	PCB-058			ND		0.0206	0.00392	
4	PCB-059/062/075			ND		0.0619	0.00915	
4	PCB-060			ND		0.0206	0.00327	
4	PCB-061/070/074/076			ND		0.0825	0.0175	
4	PCB-063			ND		0.0206	0.00306	
4	PCB-064			ND		0.0206	0.00495	
4	PCB-066			ND		0.0487	0.00784	
4	PCB-067			ND		0.0206	0.00273	
4	PCB-068			ND		0.0206	0.00277	
4	PCB-072			ND		0.0206	0.00260	
4	PCB-077			ND		0.0206	0.00281	
4	PCB-078			ND		0.0206	0.00327	
4	PCB-079			ND		0.0206	0.00320	
4	PCB-080			ND		0.0206	0.00289	
4	PCB-081			ND		0.0206	0.00258	
5	PCB-082			ND		0.0206	0.00465	
5	PCB-083			ND		0.0206	0.00469	
5	PCB-084			ND		0.0206	0.00526	
5	PCB-085/116/117			ND		0.0619	0.0115	
5	PCB-086/087/097/108/119/12			ND		0.124	0.0254	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10719470013-R
Lab File ID: P250406A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 10:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 15:51
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1940mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
5	PCB-088/091			ND		0.0413	0.00846	
5	PCB-089			ND		0.0206	0.00371	
5	PCB-090/101/113			ND		0.0619	0.0206	
5	PCB-092			ND		0.0206	0.00433	
5	PCB-093/098/100/102			ND		0.0825	0.0162	
5	PCB-094			ND		0.0206	0.00381	
5	PCB-095	30.21	1.64	0.0642		0.0578	0.0188	
5	PCB-096			ND		0.0206	0.00454	
5	PCB-099			ND		0.0206	0.00774	
5	PCB-103			ND		0.0206	0.00434	
5	PCB-104			ND		0.0206	0.00495	
5	PCB-105			ND		0.0206	0.00376	
5	PCB-106			ND		0.0206	0.00304	
5	PCB-107/124			ND		0.0413	0.00549	
5	PCB-109			ND		0.0206	0.00259	
5	PCB-110/115	35.41	1.61	0.0514		0.0413	0.0155	
5	PCB-111			ND		0.0206	0.00377	
5	PCB-112			ND		0.0206	0.00445	
5	PCB-114			ND		0.0206	0.00262	
5	PCB-118			ND		0.0322	0.00764	
5	PCB-120			ND		0.0206	0.00467	
5	PCB-121			ND		0.0206	0.00383	
5	PCB-122			ND		0.0206	0.00330	
5	PCB-123			ND		0.0206	0.00327	
5	PCB-126			ND		0.0206	0.00331	
5	PCB-127			ND		0.0206	0.00222	
6	PCB-128/166			ND		0.0413	0.00656	
6	PCB-129/138/163			ND		0.0619	0.0115	
6	PCB-130			ND		0.0206	0.00380	
6	PCB-131			ND		0.0206	0.00378	
6	PCB-132			ND		0.0206	0.00465	
6	PCB-133			ND		0.0206	0.00388	
6	PCB-134/143			ND		0.0413	0.00742	
6	PCB-135/151			ND		0.0413	0.0102	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10719470013-R
Lab File ID: P250406A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 10:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 15:51
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1940mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
6	PCB-136			ND		0.0206	0.00556	
6	PCB-137			ND		0.0206	0.00415	
6	PCB-139/140			ND		0.0413	0.00593	
6	PCB-141			ND		0.0206	0.00485	
6	PCB-142			ND		0.0206	0.00302	
6	PCB-144			ND		0.0206	0.00554	
6	PCB-145			ND		0.0206	0.00457	
6	PCB-146			ND		0.0206	0.00382	
6	PCB-147/149	37.34	1.25	0.0413		0.0413	0.0122	
6	PCB-148			ND		0.0206	0.00464	
6	PCB-150			ND		0.0206	0.00442	
6	PCB-152			ND		0.0206	0.00456	
6	PCB-153/168			ND		0.0413	0.0110	
6	PCB-154			ND		0.0206	0.00426	
6	PCB-155			ND		0.0206	0.00545	
6	PCB-156/157			ND		0.0413	0.00551	
6	PCB-158			ND		0.0206	0.00320	
6	PCB-159			ND		0.0206	0.00317	
6	PCB-160			ND		0.0206	0.00300	
6	PCB-161			ND		0.0206	0.00392	
6	PCB-162			ND		0.0206	0.00318	
6	PCB-164			ND		0.0206	0.00330	
6	PCB-165			ND		0.0206	0.00321	
6	PCB-167			ND		0.0206	0.00305	
6	PCB-169			ND		0.0206	0.00303	
7	PCB-170			ND		0.0206	0.00433	
7	PCB-171/173			ND		0.0413	0.00674	
7	PCB-172			ND		0.0206	0.00414	
7	PCB-174			ND		0.0206	0.00504	
7	PCB-175			ND		0.0206	0.00406	
7	PCB-176			ND		0.0206	0.00437	
7	PCB-177			ND		0.0206	0.00418	
7	PCB-178			ND		0.0206	0.00494	
7	PCB-179			ND		0.0206	0.00452	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Sample Analysis Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10719470013-R
Lab File ID: P250406A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 10:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 15:51
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1940mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

CL No.	Target Analyte	RT	IAR #	Concentration (ng/L)	Q	CRQL (ng/L)	MDL (ng/L)	EMPC (ng/L)
7	PCB-180/193			ND		0.0413	0.00796	
7	PCB-181			ND		0.0206	0.00376	
7	PCB-182			ND		0.0206	0.00424	
7	PCB-183/185			ND		0.0413	0.00727	
7	PCB-184			ND		0.0206	0.00432	
7	PCB-186			ND		0.0206	0.00440	
7	PCB-187			ND		0.0206	0.00668	
7	PCB-188			ND		0.0206	0.00392	
7	PCB-189			ND		0.0206	0.00398	
7	PCB-190			ND		0.0206	0.00362	
7	PCB-191			ND		0.0206	0.00339	
7	PCB-192			ND		0.0206	0.00398	
8	PCB-194			ND		0.0206	0.00385	
8	PCB-195			ND		0.0206	0.00356	
8	PCB-196			ND		0.0206	0.00447	
8	PCB-197/200			ND		0.0413	0.00854	
8	PCB-198/199			ND		0.0413	0.00644	
8	PCB-201			ND		0.0206	0.00413	
8	PCB-202			ND		0.0206	0.00395	
8	PCB-203			ND		0.0206	0.00357	
8	PCB-204			ND		0.0206	0.00324	
8	PCB-205			ND		0.0206	0.00385	
9	PCB-206			ND		0.0206	0.00629	
9	PCB-207			ND		0.0206	0.00484	
9	PCB-208			ND		0.0206	0.00413	
10	PCB-209			ND		0.0206	0.00646	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

CB Congener Totals Summary

Method 1668C

Client Sample ID: **HR-EB1**
Lab Sample ID: 10719470013-R
Lab File ID: P250406A_12
Matrix: Water
Percent Solids: N/A
Date Collected: 12/10/2024 10:30
Date Received: 12/18/2024 12:20
Date Extracted: 04/02/2025 12:00
Date Analyzed: 04/06/2025 15:51
Method Blank ID: BLANK-118236
Lab Spike ID(s): LCS-118237/LCSD-118

Prep. Technique: Liquid/Liq
Total Amount Extracted: 1940mL
Dry Weight Extracted: N/A
Extract Volume: 20 uL
Dilution Factor: 1.0
Injection Volume: 1 uL
Injected By: JRH
Instrument ID: 10MSHR09 (P)
GC Column ID: 291720-06
Ical ID: P250406A02
CCal File(s): P250406A_01

Homologue	Concentration (ng/L)	Q
Total MoCB	ND	
Total DiCB	0.0219	
Total TrCB	ND	
Total TeCB	ND	
Total PeCB	0.116	
Total HxCB	0.0413	
Total HpCB	ND	
Total OcCB	ND	
Total NoCB	ND	
DeCB	ND	
Total PCBs	0.179	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Appendix B
Analytical Data Summary Tables (Surface Water)

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

			POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE
Location:													
Sample Date:			01/26/24	02/16/24	03/15/24	04/12/24	05/16/24	06/27/24	07/26/24	08/16/24	09/19/24	10/10/24	11/15/24
PCB CONGENERS BY HRMS (EPA 1668C)													
PCB-1	2051-60-7	ng/L	0.105	0.631	0.481	0.087	0.0225 U	0.022 U	0.137 U	0.0217 U	0.0703	0.0648	0.0214 U
PCB-2	2051-61-8	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.137 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-3	2051-62-9	ng/L	0.0216 U	0.0460	0.0329	0.023 U	0.0225 U	0.022 U	0.137 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-4	13029-08-8	ng/L	1.02	9.05	3.93	1.0	4.47	8.4	8.98	5.61	11.4	8.13	5.34
PCB-5	16605-91-7	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.137 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-6	25569-80-6	ng/L	0.0334	0.286	0.137	0.032	0.0301	0.022 U	0.137 U	0.0437	0.128	0.125	0.0214 U
PCB-7	33284-50-3	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.137 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-8	34883-43-7	ng/L	0.0436 U	0.378	0.181	0.044 U	0.0355	0.022 U	0.137 U	0.0431 U	0.139	0.151	0.0214 U
PCB-9	34883-39-1	ng/L	0.0216 U	0.0462	0.0249	0.023 U	0.0225 U	0.022 U	0.137 U	0.0217 U	0.0273	0.0247	0.0214 U
PCB-10	33146-45-1	ng/L	0.0454	0.267	0.139	0.044	0.141	0.23	0.350	0.182	0.267	0.206	0.120
PCB-11	2050-67-1	ng/L	0.212 U	0.373 U	0.228 U	0.23 U	0.220 U	0.22 U	1.34 U	0.213 U	0.232 U	0.222 U	0.210 U
PCB-12/13	12-13	ng/L	0.0432 U	0.0784	0.0465 U	0.047 U	0.0449 U	0.045 U	0.274 U	0.0434 U	0.0537	0.0470	0.0428 U
PCB-14	34883-41-5	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.137 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-15	2050-68-2	ng/L	0.0285 U	0.169	0.0731	0.031	0.0902	0.14	0.181 U	0.109	0.216	0.171	0.0881
PCB-16	38444-78-9	ng/L	0.0216 U	0.112	0.0454	0.023 U	0.0555	0.11	0.137 U	0.0793	0.175	0.160	0.0781
PCB-17	37680-66-3	ng/L	0.0817	0.484	0.201	0.082	0.239	0.41	0.465	0.339	0.544	0.459	0.259
PCB-18/30	18-30	ng/L	0.0691	0.425	0.166	0.080	0.219	0.41	0.475	0.310	0.643	0.545	0.297
PCB-19	38444-73-4	ng/L	0.239	2.04	0.871	0.29	1.02	1.9	2.14	1.40	2.38	1.64	1.13
PCB-20/28	20-28	ng/L	0.111 U	0.196 U	0.120 U	0.12 U	0.116 U	0.12 U	0.707 U	0.112 U	0.122 U	0.117 U	0.110 U
PCB-21/33	21-33	ng/L	0.117 U	0.205 U	0.125 U	0.13 U	0.121 U	0.12 U	0.740 U	0.117 U	0.128 U	0.122 U	0.116 U
PCB-22	38444-85-8	ng/L	0.0821 U	0.145 U	0.0883 U	0.089 U	0.0854 U	0.085 U	0.521 U	0.0825 U	0.0900 U	0.0861 U	0.0814 U
PCB-23	55720-44-0	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.137 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-24	55702-45-9	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.137 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-25	55712-37-3	ng/L	0.0216 U	0.0864	0.0409	0.023 U	0.0461	0.054	0.137 U	0.0514	0.0866	0.0727	0.0249
PCB-26/29	26-29	ng/L	0.0432 U	0.198	0.0849	0.047 U	0.125	0.16	0.274 U	0.131	0.229	0.199	0.0936
PCB-27	38444-76-7	ng/L	0.0700	0.408	0.196	0.076	0.239	0.41	0.486	0.322	0.467	0.387	0.207
PCB-31	16606-02-3	ng/L	0.112 U	0.198 U	0.121 U	0.12 U	0.117 U	0.12	0.713 U	0.113 U	0.194	0.178	0.111 U
PCB-32	38444-77-8	ng/L	0.0368	0.198	0.0856	0.042	0.121	0.17	0.187	0.151	0.235	0.204	0.101
PCB-34	37680-68-5	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.137 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-35	37680-69-6	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.137 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-36	38444-87-0	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.137 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-37	38444-90-5	ng/L	0.0458 U	0.0806 U	0.0493 U	0.050 U	0.0476 U	0.047 U	0.291 U	0.0460 U	0.0502 U	0.0481 U	0.0454 U
PCB-38	53555-66-1	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.137 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-39	38444-88-1	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.137 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-40/41/71	40-41-71	ng/L	0.0648 U	0.114 U	0.0697 U	0.070 U	0.0674 U	0.11	0.823 U	0.0807	0.141	0.127	0.0660
PCB-42	36559-22-5	ng/L	0.0216 U	0.0461	0.0232 U	0.023 U	0.0240	0.049	0.274 U	0.0391	0.0678	0.0599	0.0313
PCB-44/47/65	44-47-65	ng/L	0.122	0.404	0.177	0.12	0.258	0.50	0.823 U	0.379	0.647	0.572	0.300
PCB-45/51	45-51	ng/L	0.0719	0.236	0.0941	0.066	0.138	0.25	0.548 U	0.204	0.337	0.303	0.147
PCB-46	41464-47-5	ng/L	0.0216 U	0.0398	0.0232 U	0.023 U	0.0225 U	0.045	0.274 U	0.0334	0.0617	0.0543	0.0267
PCB-48	70362-47-9	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-49/69	49-69	ng/L	0.0945	0.350	0.142	0.094	0.217	0.41	0.548 U	0.300	0.576	0.492	0.253

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE
Sample Date:			01/26/24	02/16/24	03/15/24	04/12/24	05/16/24	06/27/24	07/26/24	08/16/24	09/19/24	10/10/24	11/15/24
PCB CONGENERS BY HRMS (EPA 1668C)													
PCB-50/53	50-53	ng/L	0.0746	0.348	0.143	0.091	0.216	0.41	0.548 U	0.310	0.582	0.507	0.249
PCB-52	35693-99-3	ng/L	0.146	0.811	0.308	0.18	0.462	0.92	0.984	0.659	1.36	1.21	0.622
PCB-54	15968-05-5	ng/L	0.0216 U	0.143	0.0476	0.026	0.0696	0.12	0.274 U	0.0918	0.170	0.121	0.0729
PCB-55	74338-24-2	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-56	41464-43-1	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-57	70424-67-8	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-58	41464-49-7	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-59/62/75	59-62-75	ng/L	0.0648 U	0.114 U	0.0697 U	0.070 U	0.0674 U	0.067 U	0.823 U	0.0651 U	0.0710 U	0.0680 U	0.0642 U
PCB-60	33025-41-1	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-61/70/74/76	61-70-74-76	ng/L	0.0864 U	0.152 U	0.0929 U	0.094 U	0.0898 U	0.13	1.10 U	0.106	0.188	0.184	0.0870
PCB-63	74472-34-7	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-64	52663-58-8	ng/L	0.0216 U	0.0679	0.0257	0.023 U	0.0326	0.075	0.274 U	0.0563	0.111	0.0966	0.0514
PCB-66	32598-10-0	ng/L	0.0510 U	0.0898 U	0.0548 U	0.055 U	0.0530 U	0.055	0.461 U	0.0512 U	0.0692	0.0700	0.0505 U
PCB-67	73575-53-8	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-68	73575-52-7	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-72	41464-42-0	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-77	32598-13-3	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-78	70362-49-1	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-79	41464-48-6	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-80	33284-52-5	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-81	70362-50-4	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-82	52663-62-4	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-83	60145-20-2	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-84	52663-60-2	ng/L	0.0224	0.0942	0.0288	0.027	0.0379	0.092	0.274 U	0.0675	0.125	0.131	0.0642 U
PCB-85/116/117	85-116-117	ng/L	0.0648 U	0.114 U	0.0697 U	0.070 U	0.0674 U	0.067 U	0.823 U	0.0651 U	0.0710 U	0.0680 U	0.0642 U
PCB-86/87/97/108/119/125	868797108119125	ng/L	0.130 U	0.228 U	0.139 U	0.14 U	0.135 U	0.13 U	1.65 U	0.130 U	0.142 U	0.137	0.128 U
PCB-88/91	88-91	ng/L	0.0432 U	0.0761 U	0.0465 U	0.047 U	0.0449 U	0.057	0.548 U	0.0456	0.0700	0.0710	0.0428 U
PCB-89	73575-57-2	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-90/101/113	90-101-113	ng/L	0.149 U	0.278	0.119	0.16 U	0.140	0.31 U	0.823 U	0.245	0.449	0.441	0.225 U
PCB-92	52663-61-3	ng/L	0.0272	0.0453	0.0232 U	0.031	0.0263	0.053	0.274 U	0.0420	0.0677	0.0649	0.0331
PCB-93/98/100/102	9398100102	ng/L	0.0864 U	0.152 U	0.0929 U	0.094 U	0.0898 U	0.090 U	1.10 U	0.0868 U	0.0947 U	0.0907 U	0.0856 U
PCB-94	73575-55-0	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-95	38379-99-6	ng/L	0.133 U	0.498	0.174	0.16 U	0.237	0.57	0.521 U	0.408	0.831	0.803	0.428
PCB-96	73575-54-9	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-99	38380-01-7	ng/L	0.0484 U	0.0702	0.0317	0.052 U	0.0390	0.078 U	0.274 U	0.0667	0.100	0.108	0.0493 U
PCB-103	60145-21-3	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-104	56558-16-8	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-105	32598-14-4	ng/L	0.0310	0.0380 U	0.0232 U	0.040	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0246	0.0358	0.0214 U
PCB-106	70424-69-0	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-107/124	107-124	ng/L	0.0432 U	0.0761 U	0.0465 U	0.047 U	0.0449 U	0.045 U	0.548 U	0.0434 U	0.0474 U	0.0453 U	0.0428 U
PCB-109	74472-35-8	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

			Location:	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE
			Sample Date:	01/26/24	02/16/24	03/15/24	04/12/24	05/16/24	06/27/24	07/26/24	08/16/24	09/19/24	10/10/24	11/15/24
PCB CONGENERS BY HRMS (EPA 1668C)														
PCB-110/115	110-115	ng/L		0.133 U	0.214	0.0850	0.14 U	0.0920	0.21 U	0.548 U	0.183	0.288	0.291	0.144 U
PCB-111	39635-32-0	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-112	74472-36-9	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-114	74472-37-0	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-118	31508-00-6	ng/L		0.0743 U	0.0819	0.0376	0.096 U	0.0388	0.066	0.351 U	0.0600	0.0772	0.0979	0.0400 U
PCB-120	68194-12-7	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-121	56558-18-0	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-122	76842-07-4	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-123	65510-44-3	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-126	57465-28-8	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-127	39635-33-1	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-128/166	128-166	ng/L		0.0432 U	0.0761 U	0.0465 U	0.047 U	0.0449 U	0.045 U	0.548 U	0.0434 U	0.0474 U	0.0453 U	0.0428 U
PCB-129/138/163	129-138-163	ng/L		0.430	0.214	0.122	0.34	0.0930	0.18	0.823 U	0.156	0.205	0.233	0.111 U
PCB-130	52663-66-8	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-131	61798-70-7	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-132	38380-05-1	ng/L		0.0982	0.0724	0.0359	0.082 U	0.0301	0.064	0.274 U	0.0526	0.0822	0.0960	0.0481 U
PCB-133	35694-04-3	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-134/143	134-143	ng/L		0.0432 U	0.0761 U	0.0465 U	0.047 U	0.0449 U	0.045 U	0.548 U	0.0434 U	0.0474 U	0.0453 U	0.0428 U
PCB-135/151	135-151	ng/L		0.150	0.137	0.0650	0.14	0.0587	0.12	0.548 U	0.108	0.171	0.184	0.0972 U
PCB-136	38411-22-2	ng/L		0.0440	0.0536	0.0243	0.042	0.0234	0.054	0.274 U	0.0446	0.0780	0.0883	0.0475 U
PCB-137	35694-06-5	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-139/140	139-140	ng/L		0.0432 U	0.0761 U	0.0465 U	0.047 U	0.0449 U	0.045 U	0.548 U	0.0434 U	0.0474 U	0.0453 U	0.0428 U
PCB-141	52712-04-6	ng/L		0.0823	0.0529	0.0272	0.067	0.0225 U	0.040	0.274 U	0.0343	0.0505	0.0576	0.0293 U
PCB-142	41411-61-4	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-144	68194-14-9	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-145	74472-40-5	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-146	51908-16-8	ng/L		0.0572	0.0380 U	0.0232 U	0.052	0.0225 U	0.032	0.274 U	0.0258	0.0348	0.0373	0.0214 U
PCB-147/149	147-149	ng/L		0.311	0.241	0.125	0.27	0.114	0.24 U	0.548 U	0.189	0.300	0.341	0.173 U
PCB-148	74472-41-6	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-150	68194-08-1	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-152	68194-09-2	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-153/168	153-168	ng/L		0.404	0.208	0.117	0.32	0.0976	0.19	0.548 U	0.156	0.218	0.243	0.126 U
PCB-154	60145-22-4	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-155	33979-03-2	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-156/157	156-157	ng/L		0.0432 U	0.0761 U	0.0465 U	0.047 U	0.0449 U	0.045 U	0.548 U	0.0434 U	0.0474 U	0.0453 U	0.0428 U
PCB-158	74472-42-7	ng/L		0.0319	0.0380 U	0.0232 U	0.027	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-159	39635-35-3	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-160	41411-62-5	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-161	74472-43-8	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-162	39635-34-2	ng/L		0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-164	74472-45-0	ng/L		0.0275	0.0380 U	0.0232 U	0.024	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

			POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE	POMEROY AVE BRIDGE
Location:													
Sample Date:			01/26/24	02/16/24	03/15/24	04/12/24	05/16/24	06/27/24	07/26/24	08/16/24	09/19/24	10/10/24	11/15/24
PCB CONGENERS BY HRMS (EPA 1668C)													
PCB-165	74472-46-1	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-167	52663-72-6	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-169	32774-16-6	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-170	35065-30-6	ng/L	0.174	0.0579	0.0329	0.12	0.0225 U	0.037	0.274 U	0.0335	0.0392	0.0496	0.0214 U
PCB-171/173	171-173	ng/L	0.0503	0.0761 U	0.0465 U	0.047 U	0.0449 U	0.045 U	0.548 U	0.0434 U	0.0474 U	0.0453 U	0.0428 U
PCB-172	52663-74-8	ng/L	0.0308	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-174	38411-25-5	ng/L	0.171	0.0657	0.0378	0.12	0.0229	0.050	0.274 U	0.0406	0.0541	0.0695 U	0.0307 U
PCB-175	40186-70-7	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-176	52663-65-7	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-177	52663-70-4	ng/L	0.109	0.0380 U	0.0235	0.075	0.0225 U	0.032	0.274 U	0.0252	0.0299	0.0374	0.0214 U
PCB-178	52663-67-9	ng/L	0.0361	0.0380 U	0.0232 U	0.029	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-179	52663-64-6	ng/L	0.0673	0.0380 U	0.0232 U	0.054	0.0225 U	0.027	0.274 U	0.0217 U	0.0303	0.0361	0.0214 U
PCB-180/193	180-193	ng/L	0.393	0.138	0.0774	0.26	0.0451	0.090	0.548 U	0.0793	0.0931	0.116	0.0508 U
PCB-181	74472-47-2	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-182	60145-23-5	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-183/185	183-185	ng/L	0.117	0.0761 U	0.0465 U	0.085	0.0449 U	0.045 U	0.548 U	0.0434 U	0.0474 U	0.0478	0.0428 U
PCB-184	74472-48-3	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-186	74472-49-4	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-187	52663-68-0	ng/L	0.195	0.0913	0.0450	0.15	0.0311	0.065	0.274 U	0.0522	0.0673	0.0796 U	0.0376 U
PCB-188	74487-85-7	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-189	39635-31-9	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-190	41411-64-7	ng/L	0.0421	0.0380 U	0.0232 U	0.025	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-191	74472-50-7	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-192	74472-51-8	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.274 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-194	35694-08-7	ng/L	0.0852	0.0380 U	0.0232 U	0.056	0.0225 U	0.022 U	0.411 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-195	52663-78-2	ng/L	0.0360	0.0380 U	0.0232 U	0.025	0.0225 U	0.022 U	0.411 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-196	42740-50-1	ng/L	0.0393	0.0380 U	0.0232 U	0.030	0.0225 U	0.022 U	0.411 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-197/200	197-200	ng/L	0.0432 U	0.0761 U	0.0465 U	0.047 U	0.0449 U	0.045 U	0.823 U	0.0434 U	0.0474 U	0.0453 U	0.0428 U
PCB-198/199	198-199	ng/L	0.0893	0.0761 U	0.0465 U	0.062	0.0449 U	0.045 U	0.823 U	0.0434 U	0.0474 U	0.0453 U	0.0428 U
PCB-201	40186-71-8	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.411 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-202	2136-99-4	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.411 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-203	52663-76-0	ng/L	0.0497	0.0380 U	0.0232 U	0.037	0.0225 U	0.022 U	0.411 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-204	74472-52-9	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.411 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-205	74472-53-0	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.411 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-206	40186-72-9	ng/L	0.0231	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.411 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-207	52663-79-3	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.411 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-208	52663-77-1	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.411 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
PCB-209	2051-24-3	ng/L	0.0216 U	0.0380 U	0.0232 U	0.023 U	0.0225 U	0.022 U	0.411 U	0.0217 U	0.0237 U	0.0227 U	0.0214 U
Total PCBs as Congeners	ARC-TCongeners	ng/L	5.63	20.0	8.84	4.85	9.38	17.4	14.1	13.1	25.1	20.3	10.1

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			POMEROY AVE BRIDGE	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP
Sample Date:			12/17/24	01/31/24	02/16/24	03/15/24	04/17/24	05/16/24	06/27/24	07/26/24	08/15/24	09/19/24	10/10/24
PCB CONGENERS BY HRMS (EPA 1668C)													
PCB-1	2051-60-7	ng/L	0.0211 U	0.174	0.263 J	0.253	0.16	0.0479	0.072	0.235	0.0678	0.289	0.185
PCB-2	2051-61-8	ng/L	0.0211 U	0.0216 U	R	0.0234 U	0.024 U	0.0231 U	0.023 U	0.141 U	0.0224 U	0.0229 U	0.0224 U
PCB-3	2051-62-9	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.141 U	0.0224 U	0.0229 U	0.0224 U
PCB-4	13029-08-8	ng/L	3.14	2.11	4.32	3.40	2.1	3.81	9.0	8.06	4.72	10.3	6.91
PCB-5	16605-91-7	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.141 U	0.0224 U	0.0229 U	0.0224 U
PCB-6	25569-80-6	ng/L	0.0211 U	0.0575	0.0888	0.0772	0.049	0.0362	0.062	0.141 U	0.0615	0.150	0.112
PCB-7	33284-50-3	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.141 U	0.0224 U	0.0229 U	0.0224 U
PCB-8	34883-43-7	ng/L	0.0211 U	0.0677 U	0.122	0.0965 U	0.065	0.0422	0.070 U	0.141 U	0.0698 U	0.163	0.128 U
PCB-9	34883-39-1	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.141 U	0.0224 U	0.0324	0.0224 U
PCB-10	33146-45-1	ng/L	0.109	0.0692	0.0763	0.110	0.077	0.111	0.26	0.263	0.168	0.301	0.208
PCB-11	2050-67-1	ng/L	0.207 U	0.212 U	0.376 U	0.229 U	0.23 U	0.227 U	0.23 U	1.38 U	0.220 U	0.224 U	0.219 U
PCB-12/13	12-13	ng/L	0.0423 U	0.0433 U	0.0768 U	0.0467 U	0.047 U	0.0462 U	0.048	0.282 U	0.0449 U	0.0504	0.0447 U
PCB-14	34883-41-5	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.141 U	0.0224 U	0.0229 U	0.0224 U
PCB-15	2050-68-2	ng/L	0.0388	0.0518	0.112	0.0920	0.072	0.117	0.23	0.219	0.152	0.230	0.155
PCB-16	38444-78-9	ng/L	0.0255	0.0216 U	0.0404	0.0300	0.024 U	0.0331	0.059	0.141 U	0.0431	0.0788	0.0649
PCB-17	37680-66-3	ng/L	0.103	0.177	0.282	0.255	0.23	0.333	0.76	0.762	0.546	0.918	0.552
PCB-18/30	18-30	ng/L	0.109	0.109	0.189	0.153	0.13	0.200	0.41	0.430	0.289	0.516	0.365
PCB-19	38444-73-4	ng/L	0.899	0.914	1.98	1.72	1.3	2.23	5.9	5.61	3.34	6.16	3.66
PCB-20/28	20-28	ng/L	0.109 U	0.112 U	0.198 U	0.121 U	0.12 U	0.119 U	0.19	0.727 U	0.124	0.190	0.141
PCB-21/33	21-33	ng/L	0.114 U	0.117 U	0.207 U	0.126 U	0.13 U	0.125 U	0.12 U	0.761 U	0.121 U	0.124 U	0.121 U
PCB-22	38444-85-8	ng/L	0.0803 U	0.0822 U	0.146 U	0.0888 U	0.089 U	0.0879 U	0.087 U	0.535 U	0.0853 U	0.0870 U	0.0850 U
PCB-23	55720-44-0	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.141 U	0.0224 U	0.0229 U	0.0224 U
PCB-24	55702-45-9	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.141 U	0.0224 U	0.0229 U	0.0224 U
PCB-25	55712-37-3	ng/L	0.0211 U	0.0544	0.0784	0.0809	0.055	0.0893	0.17	0.164	0.117	0.199	0.128
PCB-26/29	26-29	ng/L	0.0423 U	0.0902	0.131	0.131	0.083	0.156	0.28	0.282 U	0.179	0.326	0.210
PCB-27	38444-76-7	ng/L	0.138	0.157	0.252	0.244	0.22	0.301	0.67	0.709	0.467	0.756	0.510
PCB-31	16606-02-3	ng/L	0.110 U	0.113 U	0.200 U	0.122 U	0.12 U	0.120 U	0.18	0.733 U	0.129	0.205	0.151
PCB-32	38444-77-8	ng/L	0.0435	0.126	0.187	0.201	0.16	0.265	0.52	0.522	0.378	0.560	0.362
PCB-34	37680-68-5	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.141 U	0.0224 U	0.0229 U	0.0224 U
PCB-35	37680-69-6	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.141 U	0.0224 U	0.0229 U	0.0224 U
PCB-36	38444-87-0	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.141 U	0.0224 U	0.0229 U	0.0224 U
PCB-37	38444-90-5	ng/L	0.0448 U	0.0459 U	0.0814 U	0.0495 U	0.050 U	0.0490 U	0.049 U	0.299 U	0.0476 U	0.0485 U	0.0474 U
PCB-38	53555-66-1	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.141 U	0.0224 U	0.0229 U	0.0224 U
PCB-39	38444-88-1	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.141 U	0.0224 U	0.0229 U	0.0224 U
PCB-40/41/71	40-41-71	ng/L	0.0634 U	0.114	0.151	0.145	0.12	0.180	0.42	0.845 U	0.260	0.378	0.277
PCB-42	36559-22-5	ng/L	0.0211 U	0.0477	0.0586	0.0580	0.043	0.0621	0.14	0.282 U	0.0876	0.120	0.0889
PCB-44/47/65	44-47-65	ng/L	0.142	1.01	1.06	1.17	1.0	1.69	3.7	2.87	2.24	3.11	2.41
PCB-45/51	45-51	ng/L	0.0711	0.615	0.700	0.824	0.79	1.23	2.9	2.44	1.79	2.45	1.92
PCB-46	41464-47-5	ng/L	0.0211 U	0.0312	0.0384 U	0.0421	0.035	0.0514	0.11	0.282 U	0.0711	0.113	0.0827
PCB-48	70362-47-9	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-49/69	49-69	ng/L	0.107	0.693	0.783	0.786	0.72	1.08	2.4	1.96	1.47	2.02	1.52

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			POMEROY AVE BRIDGE	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP
Sample Date:			12/17/24	01/31/24	02/16/24	03/15/24	04/17/24	05/16/24	06/27/24	07/26/24	08/15/24	09/19/24	10/10/24
PCB CONGENERS BY HRMS (EPA 1668C)													
PCB-50/53	50-53	ng/L	0.115	0.486	0.596	0.661	0.65	0.949	2.2	2.03	1.42	2.08	1.61
PCB-52	35693-99-3	ng/L	0.253	0.729	0.870	0.835	0.75	1.09	2.3	1.85	1.40	1.97	1.62
PCB-54	15968-05-5	ng/L	0.0577	0.187	0.359	0.319	0.25	0.469	1.2	1.12	0.639	1.05	0.627
PCB-55	74338-24-2	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-56	41464-43-1	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.030	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-57	70424-67-8	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-58	41464-49-7	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-59/62/75	59-62-75	ng/L	0.0634 U	0.0649 U	0.115 U	0.0701 U	0.071 U	0.0694 U	0.086	0.845 U	0.0673 U	0.0687 U	0.0671 U
PCB-60	33025-41-1	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-61/70/74/76	61-70-74-76	ng/L	0.0846 U	0.133	0.154 U	0.171	0.11	0.188	0.29	1.13 U	0.191	0.201	0.199
PCB-63	74472-34-7	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-64	52663-58-8	ng/L	0.0211 U	0.0398	0.0499	0.0468	0.035	0.0497	0.097	0.282 U	0.0632	0.0810	0.0702
PCB-66	32598-10-0	ng/L	0.0499 U	0.0923	0.0967	0.107	0.078	0.137	0.22	0.473 U	0.132	0.159	0.139
PCB-67	73575-53-8	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-68	73575-52-7	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.039	0.282 U	0.0235	0.0327	0.0261
PCB-72	41464-42-0	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.033	0.282 U	0.0224 U	0.0285	0.0224 U
PCB-77	32598-13-3	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-78	70362-49-1	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-79	41464-48-6	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-80	33284-52-5	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-81	70362-50-4	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-82	52663-62-4	ng/L	0.0211 U	0.0406	0.0389	0.0436	0.034	0.0395	0.062	0.282 U	0.0428	0.0371	0.0396
PCB-83	60145-20-2	ng/L	0.0211 U	0.0401	0.0398	0.0327	0.025	0.0392	0.060	0.282 U	0.0430	0.0464	0.0397
PCB-84	52663-60-2	ng/L	0.0231	0.128	0.155	0.147	0.12	0.150	0.28	0.282 U	0.177	0.192	0.184
PCB-85/116/117	85-116-117	ng/L	0.0634 U	0.102	0.115 U	0.108	0.085	0.106	0.18	0.845 U	0.120	0.117	0.101
PCB-86/87/97/108/119/125	868797108119125	ng/L	0.127 U	0.411	0.416	0.423	0.36	0.435	0.70	1.69 U	0.488	0.477	0.438
PCB-88/91	88-91	ng/L	0.0423 U	0.242	0.252	0.276	0.25	0.321	0.64	0.564 U	0.435	0.476	0.381
PCB-89	73575-57-2	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-90/101/113	90-101-113	ng/L	0.110	1.32	1.16	1.33	1.1	1.41	2.4	1.32	1.50	1.55	1.41
PCB-92	52663-61-3	ng/L	0.0238	0.275	0.272	0.283	0.23	0.316	0.55	0.358	0.357	0.393	0.337
PCB-93/98/100/102	9398100102	ng/L	0.0846 U	0.217	0.236	0.241	0.24	0.336	0.70	1.13 U	0.451	0.527	0.426
PCB-94	73575-55-0	ng/L	0.0211 U	0.0396	0.0452	0.0473	0.042	0.0572	0.12	0.282 U	0.0803	0.104	0.0806
PCB-95	38379-99-6	ng/L	0.167 U	1.06	1.02	1.13	1.0	1.23	2.1	1.38	1.32	1.44	1.37
PCB-96	73575-54-9	ng/L	0.0211 U	0.0256	0.0384 U	0.0278	0.030	0.0339	0.083	0.282 U	0.0564	0.0642	0.0455
PCB-99	38380-01-7	ng/L	0.0387	0.395	0.381	0.398	0.35	0.440	0.72	0.422	0.484	0.475	0.423
PCB-103	60145-21-3	ng/L	0.0211 U	0.0779	0.0829	0.0861	0.089	0.114	0.25	0.282 U	0.151	0.179	0.147
PCB-104	56558-16-8	ng/L	0.0211 U	0.0216 U	0.0468	0.0348	0.027	0.0435	0.087	0.282 U	0.0545	0.0713	0.0476
PCB-105	32598-14-4	ng/L	0.0211 U	0.122	0.0906	0.128	0.090	0.138	0.14	0.282 U	0.101	0.0852	0.0923
PCB-106	70424-69-0	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-107/124	107-124	ng/L	0.0423 U	0.0433 U	0.0768 U	0.0467 U	0.047 U	0.0462 U	0.046 U	0.564 U	0.0449 U	0.0458 U	0.0447 U
PCB-109	74472-35-8	ng/L	0.0211 U	0.0318	0.0384 U	0.0358	0.024 U	0.0355	0.051	0.282 U	0.0340	0.0322	0.0327

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			POMEROY AVE BRIDGE	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP
Sample Date:			12/17/24	01/31/24	02/16/24	03/15/24	04/17/24	05/16/24	06/27/24	07/26/24	08/15/24	09/19/24	10/10/24
PCB CONGENERS BY HRMS (EPA 1668C)													
PCB-110/115	110-115	ng/L	0.0830 U	0.983	0.907	0.914	0.75	0.898	1.5	0.932	1.00	0.941	0.875
PCB-111	39635-32-0	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-112	74472-36-9	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-114	74472-37-0	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-118	31508-00-6	ng/L	0.0407	0.425	0.343	0.422	0.31	0.475	0.54	0.361 U	0.360	0.322	0.343
PCB-120	68194-12-7	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-121	56558-18-0	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-122	76842-07-4	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-123	65510-44-3	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-126	57465-28-8	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-127	39635-33-1	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-128/166	128-166	ng/L	0.0423 U	0.165	0.164	0.196	0.14	0.160	0.19	0.564 U	0.156	0.0980	0.0978
PCB-129/138/163	129-138-163	ng/L	0.102	2.83	2.31	2.51	1.9	2.48	3.2	1.67	2.41	1.92	1.70
PCB-130	52663-66-8	ng/L	0.0211 U	0.0999	0.0904	0.0928	0.071	0.0998	0.13	0.282 U	0.0944	0.0824	0.0766
PCB-131	61798-70-7	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.026	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-132	38380-05-1	ng/L	0.0292	0.763	0.638	0.708	0.56	0.728	1.0	0.531	0.686	0.580	0.556
PCB-133	35694-04-3	ng/L	0.0211 U	0.0509	0.0460	0.0480	0.040	0.0548	0.079	0.282 U	0.0551	0.0508	0.0438
PCB-134/143	134-143	ng/L	0.0423 U	0.124	0.109	0.123	0.10	0.126	0.18	0.564 U	0.116	0.0942	0.0990
PCB-135/151	135-151	ng/L	0.0526	1.41	1.43	1.29	1.2	1.37	2.0	1.19	1.44	1.25	1.09
PCB-136	38411-22-2	ng/L	0.0211 U	0.431	0.441	0.406	0.38	0.428	0.70	0.379	0.474	0.409	0.367
PCB-137	35694-06-5	ng/L	0.0211 U	0.0390	0.0429	0.0517	0.029	0.0384	0.039	0.282 U	0.0279	0.0326	0.0230
PCB-139/140	139-140	ng/L	0.0423 U	0.0433 U	0.0768 U	0.0467 U	0.047 U	0.0462 U	0.046 U	0.564 U	0.0449 U	0.0458 U	0.0447 U
PCB-141	52712-04-6	ng/L	0.0271	0.625	0.556	0.611	0.46	0.594	0.78	0.383	0.565	0.456	0.404
PCB-142	41411-61-4	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-144	68194-14-9	ng/L	0.0211 U	0.156	0.143	0.143	0.13	0.148	0.22	0.282 U	0.153	0.128	0.121
PCB-145	74472-40-5	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-146	51908-16-8	ng/L	0.0211 U	0.427	0.399	0.423	0.33	0.427	0.58	0.338	0.421	0.348	0.320
PCB-147/149	147-149	ng/L	0.0955 U	2.82	2.53	2.70	2.2	2.90	4.1	2.28	2.73	2.32	2.23
PCB-148	74472-41-6	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.032	0.282 U	0.0238	0.0229 U	0.0224 U
PCB-150	68194-08-1	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.036	0.282 U	0.0264	0.0245	0.0224 U
PCB-152	68194-09-2	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.025	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-153/168	153-168	ng/L	0.109	2.86	2.36	2.62	2.0	2.72	3.5	1.76	2.61	2.05	1.89
PCB-154	60145-22-4	ng/L	0.0211 U	0.0701	0.0760	0.0603	0.062	0.0685	0.11	0.282 U	0.0819	0.0754	0.0585
PCB-155	33979-03-2	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-156/157	156-157	ng/L	0.0423 U	0.148	0.102	0.134	0.098	0.136	0.16	0.564 U	0.131	0.0897	0.0898
PCB-158	74472-42-7	ng/L	0.0211 U	0.207	0.160	0.194	0.14	0.177	0.24	0.282 U	0.179	0.137	0.123
PCB-159	39635-35-3	ng/L	0.0211 U	0.0231	0.0384 U	0.0234 U	0.024 U	0.0236	0.039	0.282 U	0.0457	0.0229 U	0.0224 U
PCB-160	41411-62-5	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-161	74472-43-8	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-162	39635-34-2	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-164	74472-45-0	ng/L	0.0211 U	0.188	0.159	0.172	0.13	0.161	0.24	0.282 U	0.170	0.137	0.122

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			POMEROY AVE BRIDGE	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP
Sample Date:			12/17/24	01/31/24	02/16/24	03/15/24	04/17/24	05/16/24	06/27/24	07/26/24	08/15/24	09/19/24	10/10/24
PCB CONGENERS BY HRMS (EPA 1668C)													
PCB-165	74472-46-1	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-167	52663-72-6	ng/L	0.0211 U	0.0694	0.0504	0.0635	0.046	0.0683	0.081	0.282 U	0.0624	0.0458	0.0471
PCB-169	32774-16-6	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-170	35065-30-6	ng/L	0.0240	1.12	0.709	0.895	0.66	0.803	1.0	0.509	1.03	0.548	0.475
PCB-171/173	171-173	ng/L	0.0423 U	0.348	0.231	0.300	0.21	0.271	0.37	0.564 U	0.318	0.197	0.178
PCB-172	52663-74-8	ng/L	0.0211 U	0.206	0.139	0.183	0.13	0.167	0.22	0.282 U	0.200	0.120	0.105
PCB-174	38411-25-5	ng/L	0.0239	1.29	0.879	1.07	0.78	1.05	1.5	0.651	1.19	0.776	0.681
PCB-175	40186-70-7	ng/L	0.0211 U	0.0499	0.0384 U	0.0423	0.036	0.0415	0.058	0.282 U	0.0495	0.0341	0.0264
PCB-176	52663-65-7	ng/L	0.0211 U	0.162	0.130	0.145	0.12	0.143	0.21	0.282 U	0.162	0.113	0.0981
PCB-177	52663-70-4	ng/L	0.0211 U	0.787	0.514	0.673	0.48	0.650	0.88	0.392	0.736	0.464	0.421
PCB-178	52663-67-9	ng/L	0.0211 U	0.303	0.221	0.255	0.23	0.253	0.37	0.282 U	0.298	0.208	0.172
PCB-179	52663-64-6	ng/L	0.0211 U	0.595	0.495	0.517	0.45	0.531	0.76	0.378	0.579	0.409	0.361
PCB-180/193	180-193	ng/L	0.0522	2.78	1.72	2.28	1.7	2.06	2.7	1.28	2.62	1.44	1.19
PCB-181	74472-47-2	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-182	60145-23-5	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-183/185	183-185	ng/L	0.0423 U	0.864	0.604	0.777	0.57	0.767	0.98	0.564 U	0.839	0.524	0.484
PCB-184	74472-48-3	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-186	74472-49-4	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-187	52663-68-0	ng/L	0.0369	1.51	1.29	1.29	1.1	1.30	1.8	0.879	1.55	0.976	0.839
PCB-188	74487-85-7	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-189	39635-31-9	ng/L	0.0211 U	0.0388	0.0384 U	0.0329	0.024	0.0318	0.041	0.282 U	0.0373	0.0229 U	0.0224 U
PCB-190	41411-64-7	ng/L	0.0211 U	0.267	0.158	0.218	0.15	0.180	0.24	0.282 U	0.246	0.130	0.111
PCB-191	74472-50-7	ng/L	0.0211 U	0.0492	0.0384 U	0.0390	0.028	0.0321	0.045	0.282 U	0.0453	0.0259	0.0224 U
PCB-192	74472-51-8	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.282 U	0.0224 U	0.0229 U	0.0224 U
PCB-194	35694-08-7	ng/L	0.0211 U	0.547	0.321	0.464	0.33	0.427	0.54	0.423 U	0.666	0.274	0.244
PCB-195	52663-78-2	ng/L	0.0211 U	0.255	0.0884	0.197	0.15	0.201	0.26	0.423 U	0.284	0.126	0.118
PCB-196	42740-50-1	ng/L	0.0211 U	0.291	0.211	0.255	0.19	0.236	0.33	0.423 U	0.356	0.161	0.145
PCB-197/200	197-200	ng/L	0.0423 U	0.0719	0.0768 U	0.0898	0.066	0.0862	0.12	0.845 U	0.120	0.0585	0.0521
PCB-198/199	198-199	ng/L	0.0423 U	0.647	0.512	0.468	0.43	0.447	0.63	0.845 U	0.644	0.284	0.270
PCB-201	40186-71-8	ng/L	0.0211 U	0.0746	0.0562	0.0680	0.051	0.0648	0.089	0.423 U	0.0899	0.0454	0.0374
PCB-202	2136-99-4	ng/L	0.0211 U	0.116	0.0902	0.104	0.083	0.0973	0.13	0.423 U	0.126	0.0687	0.0585
PCB-203	52663-76-0	ng/L	0.0211 U	0.374	0.268	0.325	0.23	0.293	0.39	0.423 U	0.431	0.197	0.187
PCB-204	74472-52-9	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.423 U	0.0224 U	0.0229 U	0.0224 U
PCB-205	74472-53-0	ng/L	0.0211 U	0.0339	0.0384 U	0.0271	0.024 U	0.0272	0.037	0.423 U	0.0354	0.0229 U	0.0224 U
PCB-206	40186-72-9	ng/L	0.0211 U	0.138	0.123	0.142	0.082	0.103	0.14	0.423 U	0.151	0.0639	0.0564
PCB-207	52663-79-3	ng/L	0.0211 U	0.0216 U	0.0384 U	0.0234 U	0.024 U	0.0231 U	0.023 U	0.423 U	0.0224 U	0.0229 U	0.0224 U
PCB-208	52663-77-1	ng/L	0.0211 U	0.0278	0.0384 U	0.0290	0.024 U	0.0231 U	0.028	0.423 U	0.0302	0.0229 U	0.0224 U
PCB-209	2051-24-3	ng/L	0.0211 U	0.0216 U	0.0463	0.0234 U	0.024 U	0.0231 U	0.023 U	0.423 U	0.0224 U	0.0229 U	0.0224 U
Total PCBs as Congeners	ARC-TCongeners	ng/L	6.04	40.7	38.9 J	41.5	32.7	44.7	77.7	46.3	53.3	60.3	46.9

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

			Location:	NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE
			Sample Date:	11/15/24	12/16/24	01/25/24	02/16/24	03/14/24	04/12/24	05/16/24	06/26/24	07/26/24	08/15/24	09/18/24	10/09/24
PCB CONGENERS BY HRMS (EPA 1668C)															
PCB-1	2051-60-7	ng/L		0.0363	0.0192 U	0.112	0.362	0.189	0.046	0.0557	0.11	0.207	0.0821	0.228	0.197
PCB-2	2051-61-8	ng/L		0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.155 U	0.0238 U	0.0219 U	0.0222 U
PCB-3	2051-62-9	ng/L		0.0224 U	0.0192 U	0.0224 U	0.0322	0.0219 U	0.023 U	0.0235 U	0.023 U	0.155 U	0.0238 U	0.0219 U	0.0222 U
PCB-4	13029-08-8	ng/L		5.09	2.31	2.69	4.31	2.90	1.2	3.75	7.9	6.23	4.46	7.99	6.08
PCB-5	16605-91-7	ng/L		0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.155 U	0.0238 U	0.207	0.0222 U
PCB-6	25569-80-6	ng/L		0.0333	0.0192 U	0.0578	0.107	0.0688	0.023 U	0.0394	0.075	0.155 U	0.0604	0.112	0.104
PCB-7	33284-50-3	ng/L		0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.155 U	0.0238 U	0.0219 U	0.0222 U
PCB-8	34883-43-7	ng/L		0.0381 U	0.0192 U	0.0733 U	0.135	0.0952 U	0.030 U	0.0469	0.089 U	0.155 U	0.0784 U	0.0219 U	0.138
PCB-9	34883-39-1	ng/L		0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.155 U	0.0238 U	0.0221	0.0222 U
PCB-10	33146-45-1	ng/L		0.131	0.0879	0.0847	0.110	0.0942	0.046	0.112	0.25	0.207	0.167	0.228	0.191
PCB-11	2050-67-1	ng/L		0.220 U	0.188 UX	0.220 U	0.245 U	0.215 U	0.23 U	0.231 U	0.23 U	1.52 U	0.233 U	0.214 U	0.218 U
PCB-12/13	12-13	ng/L		0.0448 U	0.0384 U	0.0448 U	0.0501 U	0.0438 U	0.046 U	0.0471 U	0.047	0.310 U	0.0476 U	0.0495	0.0445 U
PCB-14	34883-41-5	ng/L		0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.155 U	0.0238 U	0.0219 U	0.0222 U
PCB-15	2050-68-2	ng/L		0.0922	0.143	0.0932	0.103	0.106	0.067	0.128	0.24	0.243	0.163	0.244	0.159
PCB-16	38444-78-9	ng/L		0.0393	0.0671	0.0257	0.0323	0.0336	0.023 U	0.0317	0.059	0.155 U	0.0488	0.0717	0.0594
PCB-17	37680-66-3	ng/L		0.300	0.222	0.315	0.267	0.272	0.20	0.379	0.82	0.784	0.348	0.784	0.526
PCB-18/30	18-30	ng/L		0.215	0.134	0.178	0.169	0.168	0.10	0.209	0.43	0.438	0.345	0.450	0.345
PCB-19	38444-73-4	ng/L		2.62	2.25	1.57	2.07	1.88	1.0	2.44	6.0	4.58	3.32	4.99	3.56
PCB-20/28	20-28	ng/L		0.116 U	0.0992 U	0.125	0.129 U	0.113 U	0.12 U	0.122 U	0.21	0.800 U	0.175	0.234	0.162
PCB-21/33	21-33	ng/L		0.121 U	0.104 U	0.121 U	0.135 U	0.118 U	0.12 U	0.127 U	0.13	0.838 U	0.129 U	0.125	0.120 U
PCB-22	38444-85-8	ng/L		0.0852 U	0.0730 U	0.0852 U	0.0952 U	0.0833 U	0.088 U	0.0895 U	0.088 U	0.589 U	0.0905 U	0.0831 U	0.0845 U
PCB-23	55720-44-0	ng/L		0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.155 U	0.0238 U	0.0219 U	0.0222 U
PCB-24	55702-45-9	ng/L		0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.155 U	0.0238 U	0.0219 U	0.0222 U
PCB-25	55712-37-3	ng/L		0.0561	0.114	0.112	0.0729	0.0916	0.062	0.105	0.19	0.175	0.141	0.190	0.135
PCB-26/29	26-29	ng/L		0.0949	0.0880	0.180	0.119	0.133	0.085	0.163	0.27	0.310 U	0.208	0.252	0.189
PCB-27	38444-76-7	ng/L		0.269	0.261	0.263	0.229	0.235	0.17	0.309	0.66	0.638	0.507	0.625	0.464
PCB-31	16606-02-3	ng/L		0.117 U	0.0999 U	0.117 U	0.130 U	0.114 U	0.12 U	0.122 U	0.20	0.807 U	0.160	0.210	0.158
PCB-32	38444-77-8	ng/L		0.153	0.114	0.258	0.205	0.234	0.17	0.390	0.70	0.743	0.511	0.692	0.442
PCB-34	37680-68-5	ng/L		0.0224 U	0.0597	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.155 U	0.0238 U	0.0219 U	0.0222 U
PCB-35	37680-69-6	ng/L		0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.155 U	0.0238 U	0.0219 U	0.0222 U
PCB-36	38444-87-0	ng/L		0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.155 U	0.0238 U	0.0219 U	0.0222 U
PCB-37	38444-90-5	ng/L		0.0475 U	0.0407 U	0.0475 U	0.0531 U	0.0465 U	0.049 U	0.0499 U	0.049 U	0.329 U	0.0505 U	0.0464 U	0.0471 U
PCB-38	53555-66-1	ng/L		0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.155 U	0.0238 U	0.0219 U	0.0222 U
PCB-39	38444-88-1	ng/L		0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.155 U	0.0238 U	0.0219 U	0.0222 U
PCB-40/41/71	40-41-71	ng/L		0.133	0.146	0.250	0.133	0.175	0.17	0.224	0.48	0.931 U	0.374	0.499	0.325
PCB-42	36559-22-5	ng/L		0.0453	0.0490	0.0975	0.0464	0.0658	0.060	0.0671	0.15	0.310 U	0.123	0.148	0.0985
PCB-44/47/65	44-47-65	ng/L		1.19	1.32	2.17	1.17	1.55	1.5	2.13	4.4	4.60	3.45	4.43	2.88
PCB-45/51	45-51	ng/L		0.792	0.729	1.34	0.766	1.08	1.1	1.62	3.6	3.69	2.86	3.52	2.31
PCB-46	41464-47-5	ng/L		0.0370	0.0304	0.0597	0.0330	0.0489	0.040	0.0581	0.12	0.310 U	0.102	0.129	0.0854
PCB-48	70362-47-9	ng/L		0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-49/69	49-69	ng/L		0.771	0.815	1.48	0.732	0.988	0.91	1.26	2.6	2.65	2.01	2.51	1.64

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

			NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE
Location:														
Sample Date:			11/15/24	12/16/24	01/25/24	02/16/24	03/14/24	04/12/24	05/16/24	06/26/24	07/26/24	08/15/24	09/18/24	10/09/24
PCB CONGENERS BY HRMS (EPA 1668C)														
PCB-50/53	50-53	ng/L	0.758	0.818	0.927	0.618	0.785	0.69	1.16	2.6	2.51	1.95	2.46	1.74
PCB-52	35693-99-3	ng/L	0.818	0.872	1.44	0.751	0.918	0.78	1.14	2.2	2.04	1.72	1.89	1.46
PCB-54	15968-05-5	ng/L	0.430	0.583	0.370	0.395	0.421	0.29	0.544	1.3	1.17	0.762	1.10	0.703
PCB-55	74338-24-2	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-56	41464-43-1	ng/L	0.0224 U	0.0192 U	0.0335	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.028	0.310 U	0.0270	0.0263	0.0222 U
PCB-57	70424-67-8	ng/L	0.0224 U	0.0192 U	0.0754	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-58	41464-49-7	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-59/62/75	59-62-75	ng/L	0.0672 U	0.0577 U	0.0672 U	0.0751 U	0.0657 U	0.069 U	0.0706 U	0.094	0.931 U	0.0724	0.0909	0.0667 U
PCB-60	33025-41-1	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-61/70/74/76	61-70-74-76	ng/L	0.104	0.139	0.296	0.136	0.180	0.16	0.174	0.27	1.24 U	0.226	0.238	0.183
PCB-63	74472-34-7	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-64	52663-58-8	ng/L	0.0389	0.0393	0.0725	0.0402	0.0487	0.041	0.0476	0.091	0.310 U	0.0745	0.0819	0.0641
PCB-66	32598-10-0	ng/L	0.0678	0.113	0.213	0.0937	0.126	0.13	0.139	0.22	0.521 U	0.178	0.216	0.147
PCB-67	73575-53-8	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-68	73575-52-7	ng/L	0.0224 U	0.0195	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0270	0.046	0.310 U	0.0381	0.0495	0.0333
PCB-72	41464-42-0	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.033	0.310 U	0.0253	0.0319	0.0222 U
PCB-77	32598-13-3	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-78	70362-49-1	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-79	41464-48-6	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-80	33284-52-5	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-81	70362-50-4	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-82	52663-62-4	ng/L	0.0224 U	0.0437	0.0991	0.0284	0.0408	0.052	0.0384	0.052	0.310 U	0.0484	0.0456	0.0327
PCB-83	60145-20-2	ng/L	0.0224 U	0.0347	0.0858	0.0250 U	0.0355	0.048	0.0382	0.055	0.310 U	0.0424	0.0528	0.0379
PCB-84	52663-60-2	ng/L	0.0903 U	0.128	0.299	0.110	0.144	0.16	0.153	0.25	0.310 U	0.204	0.208	0.157
PCB-85/116/117	85-116-117	ng/L	0.0672 U	0.115	0.264	0.0821	0.117	0.14	0.113	0.17	0.931 U	0.150	0.154	0.106
PCB-86/87/97/108/119/125	868797108119125	ng/L	0.235	0.430	1.04	0.328	0.435	0.56	0.454	0.67	1.86 U	0.582	0.600	0.418
PCB-88/91	88-91	ng/L	0.177	0.370	0.613	0.229	0.304	0.39	0.370	0.70	0.712	0.581	0.649	0.433
PCB-89	73575-57-2	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-90/101/113	90-101-113	ng/L	0.971	1.34	3.18	1.03	1.41	1.8	1.46	2.1	2.05	1.77	1.89	1.28
PCB-92	52663-61-3	ng/L	0.182	0.347	0.690	0.226	0.314	0.38	0.345	0.54	0.560	0.448	0.498	0.340
PCB-93/98/100/102	9398100102	ng/L	0.215	0.348	0.513	0.226	0.285	0.38	0.402	0.76	1.24 U	0.632	0.748	0.498
PCB-94	73575-55-0	ng/L	0.0365	0.0604	0.101	0.0406	0.0565	0.067	0.0718	0.14	0.310 U	0.122	0.136	0.0946
PCB-95	38379-99-6	ng/L	0.903	1.24	2.36	0.781	1.14	1.3	1.25	1.9	1.72	1.54	1.56	1.18
PCB-96	73575-54-9	ng/L	0.0225	0.0407	0.0573	0.0250 U	0.0323	0.040	0.0422	0.095	0.310 U	0.0819	0.0851	0.0549
PCB-99	38380-01-7	ng/L	0.192 U	0.462	1.07	0.330	0.449	0.54	0.487	0.70	0.716	0.635	0.655	0.437
PCB-103	60145-21-3	ng/L	0.0719	0.129	0.179	0.0819	0.101	0.12	0.133	0.26	0.310 U	0.211	0.243	0.167
PCB-104	56558-16-8	ng/L	0.0359	0.0876	0.0494	0.0458	0.0476	0.043	0.0517	0.097	0.310 U	0.0709	0.0943	0.0570
PCB-105	32598-14-4	ng/L	0.0384 U	0.113	0.298	0.0964	0.125	0.18	0.126	0.12	0.310 U	0.127	0.112	0.0757
PCB-106	70424-69-0	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-107/124	107-124	ng/L	0.0448 U	0.0384 U	0.0530	0.0501 U	0.0438 U	0.046 U	0.0471 U	0.046 U	0.621 U	0.0476 U	0.0438 U	0.0445 U
PCB-109	74472-35-8	ng/L	0.0224 U	0.0282	0.0793	0.0267	0.0395	0.044	0.0340	0.047	0.310 U	0.0446	0.0467	0.0278

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE
Sample Date:			11/15/24	12/16/24	01/25/24	02/16/24	03/14/24	04/12/24	05/16/24	06/26/24	07/26/24	08/15/24	09/18/24	10/09/24
PCB CONGENERS BY HRMS (EPA 1668C)														
PCB-110/115	110-115	ng/L	0.534 U	0.890	2.41	0.727	0.975	1.2	0.929	1.3	1.40	1.13	1.14	0.773
PCB-111	39635-32-0	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-112	74472-36-9	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-114	74472-37-0	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-118	31508-00-6	ng/L	0.192 U	0.392	1.10	0.336	0.458	0.59	0.445	0.43	0.575	0.459	0.443	0.285
PCB-120	68194-12-7	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-121	56558-18-0	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-122	76842-07-4	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-123	65510-44-3	ng/L	0.0224 U	0.0192 U	0.0265	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-126	57465-28-8	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-127	39635-33-1	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-128/166	128-166	ng/L	0.0836	0.169	0.510	0.142	0.120	0.28	0.158	0.16	0.621 U	0.159	0.153	0.0806
PCB-129/138/163	129-138-163	ng/L	1.71	2.71	7.27	2.44	2.89	4.0	2.57	2.7	3.78	2.44	2.69	1.41
PCB-130	52663-66-8	ng/L	0.0588	0.113	0.272	0.0904	0.110	0.16	0.104	0.11	0.310 U	0.0988	0.120	0.0639
PCB-131	61798-70-7	ng/L	0.0224 U	0.0223	0.0420	0.0250 U	0.0219 U	0.027	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-132	38380-05-1	ng/L	0.502	0.775	1.89	0.615	0.795	1.1	0.759	0.83	1.04	0.712	0.821	0.458
PCB-133	35694-04-3	ng/L	0.0286	0.0608	0.131	0.0445	0.0562	0.080	0.0574	0.074	0.310 U	0.0615	0.0754	0.0433
PCB-134/143	134-143	ng/L	0.0784	0.134	0.321	0.0956	0.135	0.18	0.134	0.16	0.621 U	0.125	0.122	0.0742
PCB-135/151	135-151	ng/L	0.923	1.60	3.45	1.08	1.38	2.2	1.46	1.8	2.11	1.52	1.65	1.00
PCB-136	38411-22-2	ng/L	0.317	0.517	1.05	0.308	0.427	0.65	0.452	0.60	0.652	0.494	0.521	0.333
PCB-137	35694-06-5	ng/L	0.0224 U	0.0411	0.110	0.0284	0.0417	0.052	0.0417	0.035	0.310 U	0.0378	0.0566	0.0247
PCB-139/140	139-140	ng/L	0.0448 U	0.0384 U	0.0648	0.0501 U	0.0438 U	0.046 U	0.0471 U	0.046 U	0.621 U	0.0476 U	0.0438 U	0.0445 U
PCB-141	52712-04-6	ng/L	0.451	0.586	1.59	0.573	0.654	0.98	0.617	0.64	0.805	0.524	0.633	0.340
PCB-142	41411-61-4	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-144	68194-14-9	ng/L	0.120	0.183	0.362	0.113	0.156	0.25	0.154	0.18	0.310 U	0.155	0.169	0.105
PCB-145	74472-40-5	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-146	51908-16-8	ng/L	0.259	0.428	1.06	0.380	0.472	0.66	0.454	0.50	0.707	0.440	0.497	0.278
PCB-147/149	147-149	ng/L	1.83	2.89	7.24	1.37	2.97	4.2	3.06	3.6	4.26	2.79	3.10	1.97
PCB-148	74472-41-6	ng/L	0.0224 U	0.0256	0.0380	0.0250 U	0.0219 U	0.025	0.0235 U	0.032	0.310 U	0.0272	0.0307	0.0222 U
PCB-150	68194-08-1	ng/L	0.0224 U	0.0264	0.0429	0.0250 U	0.0219 U	0.028	0.0235 U	0.039	0.310 U	0.0317	0.0377	0.0222 U
PCB-152	68194-09-2	ng/L	0.0224 U	0.0197	0.0251	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.028	0.310 U	0.0238 U	0.0285	0.0222 U
PCB-153/168	153-168	ng/L	1.85	2.88	7.35	2.49	2.94	4.2	2.81	2.9	3.90	2.48	2.91	1.61
PCB-154	60145-22-4	ng/L	0.0287	0.0878	0.164	0.0525	0.0673	0.10	0.0735	0.11	0.310 U	0.0934	0.106	0.0621
PCB-155	33979-03-2	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-156/157	156-157	ng/L	0.0945	0.130	0.382	0.138	0.148	0.24	0.142	0.13	0.621 U	0.134	0.130	0.0674
PCB-158	74472-42-7	ng/L	0.133	0.190	0.497	0.175	0.218	0.32	0.186	0.20	0.310 U	0.177	0.197	0.101
PCB-159	39635-35-3	ng/L	0.0367	0.0347	0.0417	0.0329	0.0219 U	0.026	0.0261	0.027	0.310 U	0.0402	0.0219 U	0.0222 U
PCB-160	41411-62-5	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-161	74472-43-8	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-162	39635-34-2	ng/L	0.0224 U	0.0192 U	0.0242	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-164	74472-45-0	ng/L	0.121	0.193	0.442	0.162	0.191	0.28	0.168	0.20	0.310 U	0.160	0.188	0.107

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			NEAR PITTSFIELD WWTP	NEAR PITTSFIELD WWTP	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE
Sample Date:			11/15/24	12/16/24	01/25/24	02/16/24	03/14/24	04/12/24	05/16/24	06/26/24	07/26/24	08/15/24	09/18/24	10/09/24
PCB CONGENERS BY HRMS (EPA 1668C)														
PCB-165	74472-46-1	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-167	52663-72-6	ng/L	0.0415	0.0630	0.189	0.0638	0.0771	0.11	0.0717	0.068	0.310 U	0.0687	0.0731	0.0382
PCB-169	32774-16-6	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-170	35065-30-6	ng/L	0.626	0.862	2.83	1.23	0.967	1.6	0.862	0.79	1.47	0.893	0.894	0.398
PCB-171/173	171-173	ng/L	0.221	0.301	0.896	0.354	0.320	0.53	0.292	0.29	0.621 U	0.274	0.300	0.149
PCB-172	52663-74-8	ng/L	0.121	0.187	0.552	0.230	0.193	0.31	0.175	0.17	0.310 U	0.179	0.185	0.0878
PCB-174	38411-25-5	ng/L	0.739	1.10	3.46	1.34	1.16	1.9	1.16	1.1	1.64	1.04	1.15	0.574
PCB-175	40186-70-7	ng/L	0.0297	0.0467	0.118	0.0484	0.0448	0.081	0.0436	0.045	0.310 U	0.0393	0.0500	0.0233
PCB-176	52663-65-7	ng/L	0.107	0.166	0.409	0.141	0.151	0.26	0.153	0.16	0.310 U	0.133	0.162	0.0839
PCB-177	52663-70-4	ng/L	0.444	0.684	2.07	0.762	0.716	1.1	0.699	0.68	1.02	0.626	0.699	0.362
PCB-178	52663-67-9	ng/L	0.158	0.321	0.733	0.272	0.267	0.46	0.271	0.30	0.416	0.254	0.309	0.152
PCB-179	52663-64-6	ng/L	0.349	0.627	1.51	0.485	0.552	0.93	0.572	0.61	0.885	0.513	0.614	0.319
PCB-180/193	180-193	ng/L	1.54	2.18	7.16	3.18	2.41	3.9	2.23	2.1	3.53	2.20	2.23	1.03
PCB-181	74472-47-2	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-182	60145-23-5	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.024	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-183/185	183-185	ng/L	0.525	0.814	2.25	0.783	0.834	1.3	0.806	0.76	1.16	0.676	0.774	0.408
PCB-184	74472-48-3	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-186	74472-49-4	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-187	52663-68-0	ng/L	0.818	1.59	3.85	1.52	1.26	2.3	1.38	1.4	2.21	1.25	1.42	0.747
PCB-188	74487-85-7	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-189	39635-31-9	ng/L	0.0243	0.0364	0.106	0.0434	0.0361	0.062	0.0340	0.032	0.310 U	0.0323	0.0330	0.0222 U
PCB-190	41411-64-7	ng/L	0.126	0.199	0.666	0.286	0.223	0.37	0.196	0.18	0.346	0.219	0.207	0.0982
PCB-191	74472-50-7	ng/L	0.0285	0.0371	0.135	0.0526	0.0430	0.069	0.0355	0.037	0.310 U	0.0394	0.0384	0.0222 U
PCB-192	74472-51-8	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.310 U	0.0238 U	0.0219 U	0.0222 U
PCB-194	35694-08-7	ng/L	0.288	0.444	1.60	0.741	0.448	0.83	0.469	0.41	0.762	0.518	0.460	0.222
PCB-195	52663-78-2	ng/L	0.128	0.217	0.697	0.314	0.168	0.38	0.216	0.19	0.465 U	0.224	0.204	0.104
PCB-196	42740-50-1	ng/L	0.161	0.263	0.736	0.392	0.254	0.46	0.253	0.24	0.465 U	0.264	0.259	0.125
PCB-197/200	197-200	ng/L	0.0555	0.101	0.197	0.122	0.0933	0.16	0.0925	0.091	0.931 U	0.0833	0.0909	0.0445 U
PCB-198/199	198-199	ng/L	0.230	0.503	1.61	0.804	0.458	0.94	0.490	0.49	1.01	0.491	0.442	0.230
PCB-201	40186-71-8	ng/L	0.0430	0.0732	0.188	0.0932	0.0689	0.12	0.0692	0.070	0.465 U	0.0587	0.0699	0.0329
PCB-202	2136-99-4	ng/L	0.0561	0.100	0.311	0.140	0.0999	0.18	0.102	0.10	0.465 U	0.0955	0.104	0.0519
PCB-203	52663-76-0	ng/L	0.182	0.360	0.980	0.497	0.314	0.57	0.312	0.30	0.543	0.329	0.318	0.161
PCB-204	74472-52-9	ng/L	0.0224 U	0.0192 U	0.0224 U	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.465 U	0.0238 U	0.0219 U	0.0222 U
PCB-205	74472-53-0	ng/L	0.0224 U	0.0282	0.0839	0.0421	0.0291	0.051	0.0299	0.029	0.465 U	0.0254	0.0272	0.0222 U
PCB-206	40186-72-9	ng/L	0.0729	0.136	0.386	0.206	0.113	0.22	0.107	0.11	0.465 U	0.102	0.106	0.0531
PCB-207	52663-79-3	ng/L	0.0224 U	0.0192 U	0.0490	0.0274	0.0219 U	0.028	0.0235 U	0.023 U	0.465 U	0.0238 U	0.0219 U	0.0222 U
PCB-208	52663-77-1	ng/L	0.0224 U	0.0305	0.0752	0.0388	0.0219 U	0.044	0.0235 U	0.023 U	0.465 U	0.0238 U	0.0219 U	0.0222 U
PCB-209	2051-24-3	ng/L	0.0224 U	0.0264	0.0324	0.0250 U	0.0219 U	0.023 U	0.0235 U	0.023 U	0.465 U	0.0238 U	0.0219 U	0.0222 U
Total PCBs as Congeners	ARC-TCongeners	ng/L	32.9	43.4	97.7	42.5	44.4	56.4	48.2	72.7	70.9	56.9	69.9	44.6

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM
Sample Date:			11/14/24	12/16/24	01/25/24	02/15/24	03/14/24	04/11/24	05/15/24	06/26/24	07/25/24	08/14/24	09/18/24	10/09/24
PCB CONGENERS BY HRMS (EPA 1668C)														
PCB-1	2051-60-7	ng/L	0.0605	0.0204 U	0.122	0.287	0.160	0.064 [0.063]	0.0849	0.15	0.139 U	0.209	0.108	0.157
PCB-2	2051-61-8	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.139 U	0.0220 U	0.0230 U	0.0448 U
PCB-3	2051-62-9	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0269	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.024	0.139 U	0.0319	0.0256	0.0448 U
PCB-4	13029-08-8	ng/L	4.37	3.66	2.26	3.37	2.54	1.6 [1.5]	3.31	5.5	3.99	5.39	3.84	4.75
PCB-5	16605-91-7	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.139 U	0.0220 U	0.0230 U	0.0448 U
PCB-6	25569-80-6	ng/L	0.0326	0.0204 U	0.0520	0.0893	0.0601	0.033 [0.031]	0.0598	0.14	0.139 U	0.146	0.103	0.119
PCB-7	33284-50-3	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.139 U	0.0220 U	0.0230 U	0.0448 U
PCB-8	34883-43-7	ng/L	0.0405 U	0.0204 U	0.0672 U	0.119	0.0758 U	0.044 U [0.043 U]	0.0698	0.17	0.139 U	0.207	0.144	0.173
PCB-9	34883-39-1	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.139 U	0.0234	0.0230 U	0.0448 U
PCB-10	33146-45-1	ng/L	0.122	0.113	0.0672	0.0944	0.0940	0.061 [0.053]	0.103	0.19	0.156	0.223	0.129	0.181
PCB-11	2050-67-1	ng/L	0.217 U	0.200 U	0.210 U	0.231 U	0.246 U	0.23 U [0.24 U]	0.222 U	0.21 U	1.36 U	0.296	0.225 U	0.439 U
PCB-12/13	12-13	ng/L	0.0443 U	0.0407 U	0.0429 U	0.0472 U	0.0501 U	0.046 U [0.049 U]	0.0453 U	0.070	0.279 U	0.0737	0.0476	0.0896 U
PCB-14	34883-41-5	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.139 U	0.0220 U	0.0230 U	0.0448 U
PCB-15	2050-68-2	ng/L	0.0871	0.108	0.0786	0.107	0.106	0.082 [0.082]	0.189	0.36	0.311	0.357	0.257	0.271
PCB-16	38444-78-9	ng/L	0.0369	0.0219	0.0263	0.0346	0.0259	0.024 [0.024 U]	0.0534	0.12	0.139 U	0.118	0.109	0.108
PCB-17	37680-66-3	ng/L	0.320	0.300	0.251	0.280	0.278	0.24 [0.22]	0.432	1.0	0.835	0.998	0.846	0.803
PCB-18/30	18-30	ng/L	0.211	0.184	0.144	0.177	0.162	0.15 [0.14]	0.303	0.72	0.641	0.671	0.640	0.579
PCB-19	38444-73-4	ng/L	2.48	3.09	1.06	1.78	1.68	1.1 [1.1]	2.52	4.5	3.16	5.18	2.83	3.36
PCB-20/28	20-28	ng/L	0.114 U	0.105 U	0.116	0.158	0.141	0.14 [0.15]	0.377	0.89	0.830	0.810	0.782	0.792
PCB-21/33	21-33	ng/L	0.120 U	0.110 U	0.116 U	0.128 U	0.135 U	0.12 U [0.13 U]	0.122 U	0.27	0.752 U	0.303	0.201	0.252
PCB-22	38444-85-8	ng/L	0.0841 U	0.0774 U	0.0816 U	0.0897 U	0.0953 U	0.088 U [0.092 U]	0.0860 U	0.098	0.529 U	0.0988	0.0874 U	0.170 U
PCB-23	55720-44-0	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.139 U	0.0220 U	0.0230 U	0.0448 U
PCB-24	55702-45-9	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.139 U	0.0220 U	0.0230 U	0.0448 U
PCB-25	55712-37-3	ng/L	0.0598	0.0787	0.0887	0.109	0.112	0.093 [0.091]	0.218	0.54	0.454	0.479	0.395	0.408
PCB-26/29	26-29	ng/L	0.0918	0.0972	0.123	0.133	0.149	0.11 [0.11]	0.270	0.55	0.495	0.542	0.451	0.467
PCB-27	38444-76-7	ng/L	0.282	0.311	0.185	0.219	0.225	0.19 [0.17]	0.316	0.68	0.589	0.676	0.491	0.471
PCB-31	16606-02-3	ng/L	0.115 U	0.106 U	0.112 U	0.123 U	0.130 U	0.12 U [0.13 U]	0.222	0.50	0.724 U	0.488	0.416	0.423
PCB-32	38444-77-8	ng/L	0.202	0.251	0.264	0.330	0.331	0.29 [0.27]	0.653	1.4	0.961	1.45	1.27	1.26
PCB-34	37680-68-5	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.139 U	0.0220 U	0.0230 U	0.0448 U
PCB-35	37680-69-6	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.139 U	0.0220 U	0.0230 U	0.0448 U
PCB-36	38444-87-0	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.139 U	0.0220 U	0.0230 U	0.0448 U
PCB-37	38444-90-5	ng/L	0.0469 U	0.0432 U	0.0455 U	0.0501 U	0.0531 U	0.049 U [0.052 U]	0.0480 U	0.061	0.295 U	0.0674	0.0558	0.0950 U
PCB-38	53555-66-1	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.139 U	0.0220 U	0.0230 U	0.0448 U
PCB-39	38444-88-1	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.139 U	0.0220 U	0.0230 U	0.0448 U
PCB-40/41/71	40-41-71	ng/L	0.151	0.236	0.249	0.312	0.272	0.31 [0.29]	0.704	1.7	1.41	1.46	1.42	1.34
PCB-42	36559-22-5	ng/L	0.0476	0.0815	0.0854	0.106	0.0967	0.11 [0.10]	0.246	0.59	0.510	0.506	0.469	0.457
PCB-44/47/65	44-47-65	ng/L	1.40	2.01	2.17	2.33	2.09	2.3 [2.2]	4.76	11	9.44	8.98	9.32	8.80
PCB-45/51	45-51	ng/L	1.02	1.35	1.33	1.44	1.37	1.6 [1.5]	3.06	7.6	6.17	6.36	6.06	5.72
PCB-46	41464-47-5	ng/L	0.0412	0.0551	0.0577	0.0677	0.0658	0.070 [0.068]	0.159	0.44	0.370	0.360	0.346	0.313
PCB-48	70362-47-9	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.023	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-49/69	49-69	ng/L	0.846	1.23	1.24	1.30	1.23	1.4 [1.3]	2.82	6.4	5.63	5.45	5.21	4.87

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM
Sample Date:			11/14/24	12/16/24	01/25/24	02/15/24	03/14/24	04/11/24	05/15/24	06/26/24	07/25/24	08/14/24	09/18/24	10/09/24
PCB CONGENERS BY HRMS (EPA 1668C)														
PCB-50/53	50-53	ng/L	0.836	1.20	0.882	0.996	0.983	1.1 [1.0]	2.23	5.9	5.03	4.78	4.75	4.26
PCB-52	35693-99-3	ng/L	0.784	1.07	0.893	0.909	0.954	0.90 [0.84]	1.72	3.8	3.28	3.38	2.92	2.80
PCB-54	15968-05-5	ng/L	0.436	0.765	0.306	0.503	0.472	0.38 [0.36]	1.06	2.1	1.60	2.61	1.43	1.73
PCB-55	74338-24-2	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-56	41464-43-1	ng/L	0.0221 U	0.0204 U	0.0241	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0336	0.063	0.279 U	0.0600	0.0519	0.0503
PCB-57	70424-67-8	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.022	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-58	41464-49-7	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-59/62/75	59-62-75	ng/L	0.0664 U	0.0611 U	0.0644 U	0.0708 U	0.0752 U	0.069 U [0.073 U]	0.0918	0.21	0.836 U	0.179	0.183	0.180
PCB-60	33025-41-1	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-61/70/74/76	61-70-74-76	ng/L	0.0938	0.150	0.190	0.179	0.190	0.17 [0.15]	0.335	0.61	1.11 U	0.538	0.490	0.474
PCB-63	74472-34-7	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0341	0.066	0.279 U	0.0601	0.0608	0.0559
PCB-64	52663-58-8	ng/L	0.0356	0.0450	0.0503	0.0488	0.0509	0.048 [0.043]	0.0901	0.19	0.279 U	0.167	0.154	0.143
PCB-66	32598-10-0	ng/L	0.0676	0.137	0.163	0.169	0.165	0.17 [0.17]	0.369	0.71	0.685	0.615	0.596	0.586
PCB-67	73575-53-8	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0229	0.038	0.279 U	0.0358	0.0245	0.0448 U
PCB-68	73575-52-7	ng/L	0.0221 U	0.0288	0.0303	0.0365	0.0338	0.035 [0.034]	0.0773	0.16	0.279 U	0.137	0.149	0.140
PCB-72	41464-42-0	ng/L	0.0221 U	0.0207	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0505	0.10	0.279 U	0.0850	0.0877	0.0812
PCB-77	32598-13-3	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.025	0.279 U	0.0220 U	0.0243	0.0448 U
PCB-78	70362-49-1	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-79	41464-48-6	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.023	0.279 U	0.0235	0.0240	0.0448 U
PCB-80	33284-52-5	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-81	70362-50-4	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-82	52663-62-4	ng/L	0.0221 U	0.0453	0.0460	0.0369	0.0453	0.040 [0.034]	0.0587	0.086	0.279 U	0.0896	0.0727	0.0701
PCB-83	60145-20-2	ng/L	0.0221 U	0.0455	0.0504	0.0415	0.0569	0.041 [0.040]	0.0771	0.14	0.279 U	0.124	0.125	0.114
PCB-84	52663-60-2	ng/L	0.0817 U	0.141	0.155	0.141	0.150	0.16 [0.13]	0.266	0.49	0.403	0.428	0.375	0.331
PCB-85/116/117	85-116-117	ng/L	0.0664 U	0.136	0.148	0.120	0.136	0.13 [0.11]	0.235	0.33	0.836 U	0.326	0.322	0.303
PCB-86/87/97/108/119/125	868797108119125	ng/L	0.210	0.490	0.541	0.464	0.485	0.51 [0.44]	0.845	1.3	1.67 U	1.22	1.17	1.04
PCB-88/91	88-91	ng/L	0.205	0.492	0.437	0.430	0.400	0.51 [0.44]	0.961	1.9	1.59	1.63	1.53	1.33
PCB-89	73575-57-2	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-90/101/113	90-101-113	ng/L	0.674	1.60	1.65	1.44	1.51	1.5 [1.4]	2.46	4.2	3.71	3.69	3.66	3.17
PCB-92	52663-61-3	ng/L	0.164	0.456	0.412	0.386	0.385	0.43 [0.39]	0.751	1.4	1.27	1.22	1.20	1.05
PCB-93/98/100/102	9398100102	ng/L	0.242	0.430	0.436	0.363	0.346	0.45 [0.39]	0.785	1.4	1.19	1.29	1.24	1.11
PCB-94	73575-55-0	ng/L	0.0422	0.0837	0.0834	0.0876	0.0799	0.11 [0.096]	0.193	0.44	0.344	0.381	0.368	0.320
PCB-95	38379-99-6	ng/L	0.656	1.45	1.20	1.01	1.15	1.2 [1.0]	1.81	3.4	2.68	2.90	2.48	2.15
PCB-96	73575-54-9	ng/L	0.0266	0.0564	0.0476	0.0460	0.0436	0.063 [0.054]	0.102	0.26	0.279 U	0.221	0.203	0.169
PCB-99	38380-01-7	ng/L	0.218	0.593	0.622	0.532	0.547	0.65 [0.54]	1.05	1.7	1.69	1.64	1.65	1.44
PCB-103	60145-21-3	ng/L	0.0795	0.169	0.139	0.130	0.124	0.15 [0.14]	0.267	0.56	0.432	0.464	0.457	0.398
PCB-104	56558-16-8	ng/L	0.0363	0.0739	0.0413	0.0584	0.0508	0.047 [0.041]	0.111	0.17	0.279 U	0.262	0.116	0.138
PCB-105	32598-14-4	ng/L	0.0302 U	0.135	0.149	0.0979	0.117	0.11 [0.090]	0.187	0.18	0.279 U	0.159	0.179	0.159
PCB-106	70424-69-0	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-107/124	107-124	ng/L	0.0443 U	0.0407 U	0.0429 U	0.0472 U	0.0501 U	0.046 U [0.049 U]	0.0453 U	0.047	0.557 U	0.0439 U	0.0460 U	0.0896 U
PCB-109	74472-35-8	ng/L	0.0221 U	0.0362	0.0485	0.0458	0.0529	0.047 [0.041]	0.0976	0.14	0.279 U	0.122	0.123	0.124

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM
Sample Date:			11/14/24	12/16/24	01/25/24	02/15/24	03/14/24	04/11/24	05/15/24	06/26/24	07/25/24	08/14/24	09/18/24	10/09/24
PCB CONGENERS BY HRMS (EPA 1668C)														
PCB-110/115	110-115	ng/L	0.414 U	1.02	1.18	0.965	1.03	1.0 [0.89]	1.68	2.4	2.45	2.35	2.09	1.95
PCB-111	39635-32-0	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-112	74472-36-9	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-114	74472-37-0	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-118	31508-00-6	ng/L	0.137 U	0.432	0.545	0.394	0.469	0.43 [0.37]	0.780	0.83	0.992	0.735	0.849	0.783
PCB-120	68194-12-7	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0260	0.035	0.279 U	0.0354	0.0375	0.0448 U
PCB-121	56558-18-0	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-122	76842-07-4	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-123	65510-44-3	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-126	57465-28-8	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-127	39635-33-1	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-128/166	128-166	ng/L	0.0456	0.188	0.261	0.179	0.203	0.20 [0.15]	0.331	0.35	0.557 U	0.343	0.332	0.296
PCB-129/138/163	129-138-163	ng/L	0.774 U	2.97	3.77	2.82	3.05	2.8 [2.3]	4.93	5.5	6.46	5.33	5.40	5.05
PCB-130	52663-66-8	ng/L	0.0328	0.130	0.154	0.127	0.128	0.13 [0.11]	0.230	0.28	0.322	0.268	0.277	0.273
PCB-131	61798-70-7	ng/L	0.0221 U	0.0210	0.0231	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0269	0.037	0.279 U	0.0342	0.0339	0.0448 U
PCB-132	38380-05-1	ng/L	0.232 U	0.849	0.982	0.750	0.823	0.80 [0.64]	1.34	1.6	1.70	1.57	1.52	1.44
PCB-133	35694-04-3	ng/L	0.0221 U	0.0718	0.0827	0.0677	0.0687	0.070 [0.063]	0.127	0.17	0.279 U	0.156	0.173	0.163
PCB-134/143	134-143	ng/L	0.0443 U	0.162	0.176	0.129	0.144	0.15 [0.11]	0.243	0.29	0.557 U	0.283	0.253	0.252
PCB-135/151	135-151	ng/L	0.545	1.81	1.82	1.50	1.52	1.6 [1.4]	2.45	3.5	3.56	3.47	3.60	3.00
PCB-136	38411-22-2	ng/L	0.175	0.563	0.545	0.448	0.451	0.50 [0.41]	0.710	1.1	1.07	1.07	1.02	0.901
PCB-137	35694-06-5	ng/L	0.0221 U	0.0408	0.0623	0.0413	0.0593	0.046 [0.035]	0.0632	0.087	0.279 U	0.0823	0.105	0.0832
PCB-139/140	139-140	ng/L	0.0443 U	0.0407 U	0.0429 U	0.0472 U	0.0501 U	0.046 U [0.049 U]	0.0546	0.075	0.557 U	0.0745	0.0781	0.0896 U
PCB-141	52712-04-6	ng/L	0.184 U	0.638	0.811	0.615	0.673	0.60 [0.51]	0.967	1.2	1.21	1.13	1.14	1.07
PCB-142	41411-61-4	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-144	68194-14-9	ng/L	0.0554	0.182	0.189	0.149	0.162	0.16 [0.13]	0.215	0.32	0.305	0.304	0.319	0.261
PCB-145	74472-40-5	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-146	51908-16-8	ng/L	0.147	0.500	0.579	0.537	0.549	0.54 [0.47]	0.953	1.2	1.35	1.12	1.20	1.04
PCB-147/149	147-149	ng/L	1.00	3.28	3.82	3.01	3.19	3.1 [2.5]	5.27	6.6	7.07	6.39	6.19	5.78
PCB-148	74472-41-6	ng/L	0.0221 U	0.0287	0.0274	0.0236 U	0.0251 U	0.026 [0.024 U]	0.0418	0.058	0.279 U	0.0601	0.0627	0.0567
PCB-150	68194-08-1	ng/L	0.0221 U	0.0306	0.0317	0.0251	0.0251 U	0.030 [0.024 U]	0.0431	0.079	0.279 U	0.0751	0.0775	0.0691
PCB-152	68194-09-2	ng/L	0.0221 U	0.0231	0.0215 U	0.0236 U	0.0251 U	0.023 [0.024 U]	0.0343	0.064	0.279 U	0.0612	0.0657	0.0538
PCB-153/168	153-168	ng/L	0.854	3.26	3.87	2.97	3.13	3.0 [2.5]	5.10	6.0	6.62	5.63	6.07	5.44
PCB-154	60145-22-4	ng/L	0.0291	0.0872	0.110	0.0861	0.0848	0.10 [0.088]	0.158	0.24	0.279 U	0.233	0.259	0.217
PCB-155	33979-03-2	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-156/157	156-157	ng/L	0.0443 U	0.144	0.184	0.127	0.146	0.14 [0.12]	0.247	0.25	0.557 U	0.195	0.253	0.233
PCB-158	74472-42-7	ng/L	0.0579	0.195	0.265	0.195	0.221	0.20 [0.16]	0.333	0.38	0.419	0.345	0.344	0.337
PCB-159	39635-35-3	ng/L	0.0221 U	0.0356	0.0215 U	0.0307	0.0251 U	0.023 [0.024 U]	0.0547	0.036	0.279 U	0.0945	0.0802	0.0492
PCB-160	41411-62-5	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-161	74472-43-8	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-162	39635-34-2	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-164	74472-45-0	ng/L	0.0566	0.201	0.246	0.197	0.200	0.20 [0.17]	0.354	0.40	0.391	0.373	0.339	0.356

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			NEW LENOX RD BRIDGE	NEW LENOX RD BRIDGE	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM	WOODS POND DAM
Sample Date:			11/14/24	12/16/24	01/25/24	02/15/24	03/14/24	04/11/24	05/15/24	06/26/24	07/25/24	08/14/24	09/18/24	10/09/24
PCB CONGENERS BY HRMS (EPA 1668C)														
PCB-165	74472-46-1	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-167	52663-72-6	ng/L	0.0221 U	0.0800	0.0967	0.0754	0.0844	0.079 [0.068]	0.148	0.16	0.279 U	0.124	0.163	0.148
PCB-169	32774-16-6	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-170	35065-30-6	ng/L	0.210 U	0.934	1.33	0.946	1.05	0.99 [0.83]	1.72	1.8	2.48	1.57	1.75	1.61
PCB-171/173	171-173	ng/L	0.0764	0.317	0.427	0.306	0.341	0.32 [0.27]	0.579	0.61	0.778	0.513	0.560	0.556
PCB-172	52663-74-8	ng/L	0.0458	0.201	0.260	0.197	0.217	0.20 [0.17]	0.371	0.39	0.499	0.319	0.369	0.361
PCB-174	38411-25-5	ng/L	0.291 U	1.17	1.59	1.20	1.24	1.1 [0.99]	2.11	2.3	2.90	1.99	2.12	2.02
PCB-175	40186-70-7	ng/L	0.0221 U	0.0531	0.0620	0.0462	0.0471	0.052 [0.040]	0.0875	0.092	0.279 U	0.0798	0.0954	0.0875
PCB-176	52663-65-7	ng/L	0.0426	0.170	0.195	0.144	0.158	0.16 [0.14]	0.271	0.31	0.378	0.264	0.315	0.295
PCB-177	52663-70-4	ng/L	0.176 U	0.742	0.975	0.696	0.778	0.71 [0.61]	1.32	1.4	1.80	1.16	1.32	1.25
PCB-178	52663-67-9	ng/L	0.0763 U	0.329	0.368	0.279	0.296	0.31 [0.27]	0.539	0.60	0.734	0.503	0.593	0.544
PCB-179	52663-64-6	ng/L	0.162 U	0.667	0.737	0.536	0.583	0.61 [0.51]	1.00	1.2	1.45	1.01	1.19	1.09
PCB-180/193	180-193	ng/L	0.548 U	2.39	3.42	2.43	2.61	2.4 [2.0]	4.14	4.5	5.96	3.74	4.11	4.07
PCB-181	74472-47-2	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-182	60145-23-5	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.024 [0.024 U]	0.0260	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-183/185	183-185	ng/L	0.197 U	0.838	1.06	0.787	0.869	0.81 [0.69]	1.43	1.6	1.92	1.27	1.41	1.36
PCB-184	74472-48-3	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-186	74472-49-4	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-187	52663-68-0	ng/L	0.366 U	1.69	1.85	1.45	1.53	1.6 [1.3]	2.66	2.9	3.78	2.47	2.93	2.60
PCB-188	74487-85-7	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-189	39635-31-9	ng/L	0.0221 U	0.0452	0.0484	0.0362	0.0418	0.039 [0.036]	0.0691	0.070	0.279 U	0.0571	0.0742	0.0730
PCB-190	41411-64-7	ng/L	0.0478	0.223	0.318	0.217	0.242	0.23 [0.19]	0.397	0.40	0.545	0.348	0.378	0.360
PCB-191	74472-50-7	ng/L	0.0221 U	0.0397	0.0631	0.0395	0.0441	0.041 [0.035]	0.0766	0.076	0.279 U	0.0632	0.0705	0.0699
PCB-192	74472-51-8	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.279 U	0.0220 U	0.0230 U	0.0448 U
PCB-194	35694-08-7	ng/L	0.0971 U	0.557	0.680	0.484	0.551	0.50 [0.46]	0.854	0.87	1.27	0.719	0.953	0.827
PCB-195	52663-78-2	ng/L	0.0467	0.259	0.319	0.210	0.249	0.23 [0.21]	0.392	0.41	0.584	0.322	0.412	0.388
PCB-196	42740-50-1	ng/L	0.0578 U	0.298	0.341	0.248	0.290	0.28 [0.25]	0.463	0.51	0.696	0.402	0.511	0.489
PCB-197/200	197-200	ng/L	0.0443 U	0.119	0.0861	0.0890	0.102	0.099 [0.086]	0.169	0.19	0.836 U	0.141	0.177	0.180
PCB-198/199	198-199	ng/L	0.0957	0.599	0.791	0.542	0.594	0.64 [0.52]	0.935	1.0	1.55	0.772	1.00	0.969
PCB-201	40186-71-8	ng/L	0.0221 U	0.0782	0.0898	0.0644	0.0748	0.073 [0.066]	0.129	0.13	0.418 U	0.103	0.131	0.133
PCB-202	2136-99-4	ng/L	0.0261	0.118	0.143	0.0998	0.116	0.11 [0.10]	0.200	0.20	0.418 U	0.159	0.204	0.193
PCB-203	52663-76-0	ng/L	0.0678 U	0.416	0.448	0.324	0.357	0.35 [0.31]	0.566	0.62	0.839	0.482	0.627	0.591
PCB-204	74472-52-9	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.418 U	0.0220 U	0.0230 U	0.0448 U
PCB-205	74472-53-0	ng/L	0.0221 U	0.0358	0.0402	0.0285	0.0336	0.030 [0.029]	0.0538	0.056	0.418 U	0.0394	0.0537	0.0529
PCB-206	40186-72-9	ng/L	0.0247	0.151	0.166	0.119	0.131	0.13 [0.12]	0.209	0.21	0.418 U	0.157	0.209	0.208
PCB-207	52663-79-3	ng/L	0.0221 U	0.0204 U	0.0219	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0284	0.029	0.418 U	0.0220 U	0.0284	0.0448 U
PCB-208	52663-77-1	ng/L	0.0221 U	0.0292	0.0329	0.0236 U	0.0251 U	0.024 [0.024 U]	0.0390	0.039	0.418 U	0.0311	0.0403	0.0448 U
PCB-209	2051-24-3	ng/L	0.0221 U	0.0204 U	0.0215 U	0.0236 U	0.0251 U	0.023 U [0.024 U]	0.0226 U	0.021 U	0.418 U	0.0220 U	0.0230 U	0.0448 U
Total PCBs as Congeners	ARC-TCongeners	ng/L	20.1	52.4	54.4	48.1	48.6	46.9 [40.8]	85.0	134	122	121	116	110

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			WOODS POND DAM	WOODS POND DAM	WOODS POND DAM AUTO	WOODS POND DAM AUTO	WOODS POND DAM AUTO	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR
Sample Date:			11/14/24	12/16/24	08/14/24	09/18/24	10/09/24	01/24/24	02/15/24	03/14/24	04/11/24	05/15/24	06/26/24
PCB CONGENERS BY HRMS (EPA 1668C)													
PCB-1	2051-60-7	ng/L	0.106	0.0234 U	0.0828	0.0750	0.0884	0.187	0.194	0.133	0.054	0.0804	0.11
PCB-2	2051-61-8	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-3	2051-62-9	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0279	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-4	13029-08-8	ng/L	4.15	1.92	2.55	3.19	3.53	2.57	2.61	2.05	1.3	2.10	2.7
PCB-5	16605-91-7	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0772	0.024 U	0.0237 U	0.023 U
PCB-6	25569-80-6	ng/L	0.0682	0.0234 U	0.0605	0.0744	0.0896	0.0667	0.0704	0.0512	0.028	0.0466	0.073
PCB-7	33284-50-3	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-8	34883-43-7	ng/L	0.0899 U	0.0234 U	0.0831 U	0.106	0.122 U	0.0881 U	0.0954	0.0253 U	0.036 U	0.0643	0.11 U
PCB-9	34883-39-1	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-10	33146-45-1	ng/L	0.106	0.0595	0.106	0.136	0.121	0.0647	0.0707	0.0747	0.043	0.0742	0.095
PCB-11	2050-67-1	ng/L	0.223 U	0.229 U	0.224 U	0.225 U	0.228 U	0.230 U	0.235 U	0.248 U	0.23 U	0.233 U	0.23 U
PCB-12/13	12-13	ng/L	0.0454 U	0.0467 U	0.0457 U	0.0467	0.0589	0.0470 U	0.0479 U	0.0506 U	0.047 U	0.0474 U	0.047 U
PCB-14	34883-41-5	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-15	2050-68-2	ng/L	0.163	0.0571	0.197	0.257	0.329	0.0711	0.0930	0.0951	0.075	0.143	0.19
PCB-16	38444-78-9	ng/L	0.0642	0.0234 U	0.0716	0.0904	0.0944	0.0273	0.0333	0.0253 U	0.024 U	0.0427	0.061
PCB-17	37680-66-3	ng/L	0.566	0.171	0.649	0.705	0.713	0.210	0.241	0.232	0.19	0.269	0.44
PCB-18/30	18-30	ng/L	0.385	0.105	0.447	0.569	0.544	0.143	0.164	0.144	0.12	0.205	0.34
PCB-19	38444-73-4	ng/L	2.78	1.55	2.33	2.37	2.64	1.08	1.31	1.37	0.93	1.46	2.1
PCB-20/28	20-28	ng/L	0.415	0.121 U	0.518	0.742	0.976	0.121 U	0.139	0.137	0.13	0.262	0.43
PCB-21/33	21-33	ng/L	0.139	0.126 U	0.159	0.186	0.254	0.127 U	0.129 U	0.137 U	0.13 U	0.128 U	0.13 U
PCB-22	38444-85-8	ng/L	0.0863 U	0.0888 U	0.0868 U	0.0872 U	0.0988	0.0893 U	0.0911 U	0.0962 U	0.089 U	0.0902 U	0.089 U
PCB-23	55720-44-0	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-24	55702-45-9	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-25	55712-37-3	ng/L	0.244	0.0448	0.286	0.374	0.491	0.0689	0.0912	0.101	0.076	0.142	0.22
PCB-26/29	26-29	ng/L	0.279	0.0541	0.327	0.428	0.533	0.103	0.112	0.130	0.094	0.177	0.25
PCB-27	38444-76-7	ng/L	0.359	0.160	0.459	0.452	0.461	0.167	0.188	0.189	0.15	0.207	0.33
PCB-31	16606-02-3	ng/L	0.248	0.122 U	0.287	0.365	0.469	0.122 U	0.125 U	0.132 U	0.12 U	0.157	0.24
PCB-32	38444-77-8	ng/L	0.791	0.156	0.846	0.963	1.19	0.223	0.307	0.282	0.24	0.354	0.46
PCB-34	37680-68-5	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-35	37680-69-6	ng/L	0.0227 U	0.0464	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-36	38444-87-0	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-37	38444-90-5	ng/L	0.0482 U	0.0495 U	0.0506	0.0605	0.0898	0.0498 U	0.0508 U	0.0537 U	0.050 U	0.0503 U	0.049 U
PCB-38	53555-66-1	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-39	38444-88-1	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-40/41/71	40-41-71	ng/L	0.844	0.204	1.11	1.49	1.86	0.193	0.295	0.255	0.26	0.513	0.77
PCB-42	36559-22-5	ng/L	0.294	0.0684	0.405	0.556	0.705	0.0708	0.0951	0.0925	0.089	0.181	0.28
PCB-44/47/65	44-47-65	ng/L	5.92	1.14	7.58	11.0	15.5	1.52	2.04	1.87	1.9	3.40	5.3
PCB-45/51	45-51	ng/L	4.01	0.771	5.11	5.90	6.92	0.948	1.25	1.16	1.2	1.84	2.8
PCB-46	41464-47-5	ng/L	0.212	0.0500	0.291	0.353	0.386	0.0461	0.0674	0.0614	0.058	0.110	0.19
PCB-48	70362-47-9	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0240	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-49/69	49-69	ng/L	3.36	0.674	4.33	5.86	7.81	0.883	1.17	1.10	1.1	1.97	2.9

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			WOODS POND DAM	WOODS POND DAM	WOODS POND DAM AUTO	WOODS POND DAM AUTO	WOODS POND DAM AUTO	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR
Sample Date:			11/14/24	12/16/24	08/14/24	09/18/24	10/09/24	01/24/24	02/15/24	03/14/24	04/11/24	05/15/24	06/26/24
PCB CONGENERS BY HRMS (EPA 1668C)													
PCB-50/53	50-53	ng/L	3.02	0.689	3.90	4.90	5.28	0.708	0.925	0.847	0.84	1.45	2.6
PCB-52	35693-99-3	ng/L	1.95	0.541	2.63	3.22	4.36	0.677	0.796	0.814	0.73	1.25	1.9
PCB-54	15968-05-5	ng/L	1.20	0.433	1.06	1.30	1.52	0.258	0.399	0.394	0.30	0.590	0.87
PCB-55	74338-24-2	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-56	41464-43-1	ng/L	0.0338	0.0234 U	0.0452	0.0663	0.100	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0282	0.038
PCB-57	70424-67-8	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0300	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-58	41464-49-7	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-59/62/75	59-62-75	ng/L	0.111	0.0701 U	0.147	0.210	0.278	0.0705 U	0.0719 U	0.0759 U	0.071 U	0.0712 U	0.10
PCB-60	33025-41-1	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-61/70/74/76	61-70-74-76	ng/L	0.301	0.0935 U	0.414	0.589	0.936	0.120	0.147	0.166	0.15	0.260	0.34
PCB-63	74472-34-7	ng/L	0.0361	0.0234 U	0.0420	0.0775	0.108	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0255	0.035
PCB-64	52663-58-8	ng/L	0.0927	0.0243	0.138	0.165	0.232	0.0377	0.0443	0.0476	0.041	0.0711	0.11
PCB-66	32598-10-0	ng/L	0.375	0.0697	0.492	0.754	1.20	0.110	0.140	0.152	0.16	0.286	0.38
PCB-67	73575-53-8	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0371	0.0594	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-68	73575-52-7	ng/L	0.0895	0.0234 U	0.110	0.183	0.296	0.0236	0.0312	0.0328	0.031	0.0573	0.079
PCB-72	41464-42-0	ng/L	0.0516	0.0234 U	0.0700	0.109	0.168	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0370	0.051
PCB-77	32598-13-3	ng/L	0.0227 U	0.0234 U	0.0234	0.0356	0.0589	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-78	70362-49-1	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-79	41464-48-6	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0299	0.0538	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-80	33284-52-5	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-81	70362-50-4	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-82	52663-62-4	ng/L	0.0560	0.0234 U	0.0783	0.109	0.196	0.0279	0.0294	0.0349	0.029	0.0485	0.056
PCB-83	60145-20-2	ng/L	0.0790	0.0234 U	0.109	0.165	0.273	0.0272	0.0303	0.0338	0.032	0.0646	0.080
PCB-84	52663-60-2	ng/L	0.265	0.0618	0.354	0.447	0.674	0.102	0.123	0.125	0.12	0.196	0.27
PCB-85/116/117	85-116-117	ng/L	0.226	0.0701 U	0.303	0.460	0.854	0.0871	0.106	0.110	0.11	0.195	0.20
PCB-86/87/97/108/119/125	868797108119125	ng/L	0.814	0.198	1.09	1.58	2.83	0.319	0.395	0.420	0.40	0.693	0.76
PCB-88/91	88-91	ng/L	1.04	0.231	1.36	1.85	3.10	0.289	0.373	0.356	0.38	0.734	0.94
PCB-89	73575-57-2	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-90/101/113	90-101-113	ng/L	2.62	0.634	3.36	4.78	8.29	0.987	1.21	1.26	1.2	2.03	2.4
PCB-92	52663-61-3	ng/L	0.838	0.205	1.07	1.58	2.60	0.258	0.331	0.335	0.34	0.620	0.72
PCB-93/98/100/102	9398100102	ng/L	0.880	0.207	1.15	1.54	2.59	0.267	0.319	0.305	0.33	0.586	0.70
PCB-94	73575-55-0	ng/L	0.250	0.0666	0.331	0.429	0.665	0.0616	0.0784	0.0713	0.082	0.143	0.21
PCB-95	38379-99-6	ng/L	1.81	0.595	2.47	2.93	4.71	0.737	0.855	0.940	0.92	1.39	1.8
PCB-96	73575-54-9	ng/L	0.125	0.0329	0.192	0.227	0.295	0.0316	0.0424	0.0384	0.045	0.0756	0.11
PCB-99	38380-01-7	ng/L	1.09	0.247	1.48	2.21	4.20	0.410	0.467	0.483	0.51	0.863	0.98
PCB-103	60145-21-3	ng/L	0.327	0.0811	0.413	0.546	0.906	0.0907	0.111	0.107	0.12	0.201	0.26
PCB-104	56558-16-8	ng/L	0.114	0.0595	0.0952	0.134	0.228	0.0255	0.0442	0.0434	0.037	0.0648	0.070
PCB-105	32598-14-4	ng/L	0.117 U	0.0371	0.194	0.254	0.491	0.0747	0.0770	0.0927	0.091	0.164	0.13
PCB-106	70424-69-0	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-107/124	107-124	ng/L	0.0454 U	0.0467 U	0.0457 U	0.0634	0.130	0.0470 U	0.0479 U	0.0506 U	0.047 U	0.0474 U	0.047 U
PCB-109	74472-35-8	ng/L	0.0824	0.0234 U	0.115	0.185	0.358	0.0291	0.0373	0.0441	0.040	0.0855	0.088

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			WOODS POND DAM	WOODS POND DAM	WOODS POND DAM AUTO	WOODS POND DAM AUTO	WOODS POND DAM AUTO	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR
Sample Date:			11/14/24	12/16/24	08/14/24	09/18/24	10/09/24	01/24/24	02/15/24	03/14/24	04/11/24	05/15/24	06/26/24
PCB CONGENERS BY HRMS (EPA 1668C)													
PCB-110/115	110-115	ng/L	1.54	0.385	2.04	2.82	4.92	0.663	0.814	0.845	0.81	1.37	1.5
PCB-111	39635-32-0	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0387	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-112	74472-36-9	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-114	74472-37-0	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-118	31508-00-6	ng/L	0.580	0.150	0.846	1.28	2.51	0.300	0.306	0.382	0.38	0.680	0.57
PCB-120	68194-12-7	ng/L	0.0237	0.0234 U	0.0307	0.0533	0.0981	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-121	56558-18-0	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0249	0.0393	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-122	76842-07-4	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0283	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-123	65510-44-3	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0311	0.0577	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-126	57465-28-8	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0278	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-127	39635-33-1	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-128/166	128-166	ng/L	0.205	0.0600	0.323	0.447	1.02	0.129	0.128	0.146	0.14	0.348	0.22
PCB-129/138/163	129-138-163	ng/L	3.73	0.988	4.89	8.84	17.8	1.88	2.14	2.32	2.3	4.23	3.6
PCB-130	52663-66-8	ng/L	0.194	0.0517	0.240	0.465	0.919	0.0899	0.0980	0.102	0.11	0.204	0.18
PCB-131	61798-70-7	ng/L	0.0250	0.0234 U	0.0294	0.0516	0.101	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-132	38380-05-1	ng/L	1.07	0.294	1.33	2.38	4.33	0.507	0.565	0.615	0.63	1.14	1.0
PCB-133	35694-04-3	ng/L	0.116	0.0331	0.135	0.274	0.525	0.0456	0.0537	0.0583	0.057	0.114	0.11
PCB-134/143	134-143	ng/L	0.198	0.0594	0.233	0.374	0.700	0.0948	0.0971	0.108	0.12	0.190	0.18
PCB-135/151	135-151	ng/L	2.27	0.667	2.87	5.38	8.72	1.02	1.19	1.18	1.2	2.02	2.0
PCB-136	38411-22-2	ng/L	0.682	0.202	0.888	1.39	2.38	0.295	0.354	0.350	0.36	0.570	0.59
PCB-137	35694-06-5	ng/L	0.0726	0.0234 U	0.0855	0.191	0.343	0.0463	0.0268	0.0419	0.039	0.0542	0.069
PCB-139/140	139-140	ng/L	0.0524	0.0467 U	0.0630	0.120	0.230	0.0470 U	0.0479 U	0.0506 U	0.047 U	0.0474 U	0.047 U
PCB-141	52712-04-6	ng/L	0.799	0.215	0.980	1.82	3.44	0.408	0.459	0.506	0.51	0.799	0.76
PCB-142	41411-61-4	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-144	68194-14-9	ng/L	0.193	0.0727	0.258	0.460	0.773	0.102	0.114	0.116	0.12	0.182	0.18
PCB-145	74472-40-5	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-146	51908-16-8	ng/L	0.786	0.183	0.988	1.95	3.77	0.374	0.404	0.441	0.44	0.820	0.73
PCB-147/149	147-149	ng/L	4.59	1.15	5.21	9.68	18.0	2.06	2.33	2.46	2.5	4.32	4.1
PCB-148	74472-41-6	ng/L	0.0407	0.0234 U	0.0517	0.0981	0.165	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0336	0.034
PCB-150	68194-08-1	ng/L	0.0495	0.0234 U	0.0656	0.109	0.182	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0335	0.040
PCB-152	68194-09-2	ng/L	0.0411	0.0234 U	0.0523	0.0884	0.138	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0269	0.031
PCB-153/168	153-168	ng/L	4.23	1.11	5.08	9.95	19.5	2.07	2.23	2.43	2.5	4.30	3.9
PCB-154	60145-22-4	ng/L	0.149	0.0477	0.193	0.389	0.648	0.0636	0.0667	0.0704	0.074	0.137	0.13
PCB-155	33979-03-2	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0247	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-156/157	156-157	ng/L	0.165	0.0546	0.264	0.439	0.870	0.0999	0.0915	0.112	0.12	0.219	0.16
PCB-158	74472-42-7	ng/L	0.250	0.0652	0.323	0.573	1.21	0.133	0.148	0.165	0.16	0.283	0.24
PCB-159	39635-35-3	ng/L	0.0299	0.0234 U	0.0856	0.125	0.120	0.0235 U	0.0272	0.0253 U	0.024 U	0.0432	0.023 U
PCB-160	41411-62-5	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-161	74472-43-8	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-162	39635-34-2	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0279	0.0505	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-164	74472-45-0	ng/L	0.249	0.0765	0.324	0.557	1.12	0.117	0.153	0.153	0.16	0.296	0.25

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			WOODS POND DAM	WOODS POND DAM	WOODS POND DAM AUTO	WOODS POND DAM AUTO	WOODS POND DAM AUTO	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR
Sample Date:			11/14/24	12/16/24	08/14/24	09/18/24	10/09/24	01/24/24	02/15/24	03/14/24	04/11/24	05/15/24	06/26/24
PCB CONGENERS BY HRMS (EPA 1668C)													
PCB-165	74472-46-1	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0327	0.0631	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-167	52663-72-6	ng/L	0.104	0.0276	0.163	0.277	0.565	0.0574	0.0589	0.0644	0.067	0.130	0.10
PCB-169	32774-16-6	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-170	35065-30-6	ng/L	1.19	0.294	2.08	3.17	6.89	0.685	0.685	0.809	0.87	1.49	1.2
PCB-171/173	171-173	ng/L	0.395	0.102	0.607	0.987	2.16	0.223	0.225	0.251	0.28	0.513	0.37
PCB-172	52663-74-8	ng/L	0.250	0.0659	0.419	0.654	1.43	0.143	0.144	0.166	0.18	0.315	0.24
PCB-174	38411-25-5	ng/L	1.50	0.370	2.23	3.66	7.76	0.843	0.886	0.934	0.96	1.80	1.4
PCB-175	40186-70-7	ng/L	0.0589	0.0234 U	0.0787	0.161	0.308	0.0326	0.0356	0.0350	0.038	0.0670	0.056
PCB-176	52663-65-7	ng/L	0.202	0.0555	0.268	0.521	0.932	0.108	0.111	0.118	0.13	0.225	0.18
PCB-177	52663-70-4	ng/L	0.928	0.236	1.36	2.35	4.81	0.506	0.494	0.595	0.63	1.14	0.88
PCB-178	52663-67-9	ng/L	0.382	0.109	0.543	1.03	1.96	0.202	0.212	0.229	0.25	0.464	0.37
PCB-179	52663-64-6	ng/L	0.765	0.207	1.07	1.96	3.57	0.394	0.410	0.440	0.49	0.844	0.69
PCB-180/193	180-193	ng/L	2.97	0.735	4.98	7.39	16.6	1.73	1.73	1.97	2.2	3.61	2.8
PCB-181	74472-47-2	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0391	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-182	60145-23-5	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0232	0.0491	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-183/185	183-185	ng/L	1.02	0.276	1.45	2.40	4.93	0.565	0.561	0.661	0.68	1.26	0.93
PCB-184	74472-48-3	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-186	74472-49-4	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-187	52663-68-0	ng/L	1.94	0.532	2.68	4.90	9.68	1.05	1.07	1.17	1.3	2.37	1.8
PCB-188	74487-85-7	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0231	0.0435	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-189	39635-31-9	ng/L	0.0500	0.0234 U	0.0778	0.136	0.276	0.0293	0.0240 UX	0.0297	0.035	0.0611	0.044
PCB-190	41411-64-7	ng/L	0.258	0.0655	0.485	0.687	1.62	0.158	0.156	0.185	0.19	0.345	0.26
PCB-191	74472-50-7	ng/L	0.0484	0.0234 U	0.0871	0.124	0.270	0.0289	0.0300	0.0331	0.040	0.0594	0.050
PCB-192	74472-51-8	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-194	35694-08-7	ng/L	0.608	0.147	1.21	1.77	3.89	0.351	0.338	0.412	0.46	0.788	0.60
PCB-195	52663-78-2	ng/L	0.271	0.0730	0.522	0.778	1.72	0.161	0.0772	0.194	0.21	0.376	0.28
PCB-196	42740-50-1	ng/L	0.344	0.0838	0.599	0.929	2.02	0.190	0.181	0.215	0.24	0.419	0.33
PCB-197/200	197-200	ng/L	0.117	0.0467 U	0.185	0.316	0.652	0.0664	0.0668	0.0761	0.082	0.156	0.12
PCB-198/199	198-199	ng/L	0.617	0.161	1.13	1.44	3.69	0.405	0.393	0.459	0.51	0.904	0.66
PCB-201	40186-71-8	ng/L	0.0844	0.0234 U	0.125	0.232	0.470	0.0507	0.0490	0.0573	0.061	0.115	0.086
PCB-202	2136-99-4	ng/L	0.129	0.0337	0.209	0.364	0.710	0.0800	0.0720	0.0902	0.098	0.175	0.13
PCB-203	52663-76-0	ng/L	0.409	0.115	0.751	1.14	2.50	0.235	0.238	0.267	0.30	0.532	0.42
PCB-204	74472-52-9	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0230 U	0.0233 U	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
PCB-205	74472-53-0	ng/L	0.0399	0.0234 U	0.0599	0.103	0.204	0.0235 U	0.0240 U	0.0261	0.027	0.0453	0.036
PCB-206	40186-72-9	ng/L	0.153	0.0375	0.226	0.404	0.787	0.0908	0.0812	0.0930	0.11	0.192	0.13
PCB-207	52663-79-3	ng/L	0.0227 U	0.0234 U	0.0325	0.0540	0.117	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0260	0.023 U
PCB-208	52663-77-1	ng/L	0.0288	0.0234 U	0.0443	0.0767	0.153	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0383	0.029
PCB-209	2051-24-3	ng/L	0.0227 U	0.0234 U	0.0228 U	0.0259	0.0510	0.0235 U	0.0240 U	0.0253 U	0.024 U	0.0237 U	0.023 U
Total PCBs as Congeners	ARC-TCongeners	ng/L	80.6	21.2	103	156	270	33.3	37.8	39.0	38.2	66.9	71.3

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM
Sample Date:			07/25/24	08/14/24	09/18/24	10/09/24	11/14/24	12/13/24	01/24/24	02/15/24	03/13/24	04/11/24
PCB CONGENERS BY HRMS (EPA 1668C)												
PCB-1	2051-60-7	ng/L	0.147 U	0.145	0.0616	0.0839	0.0952	0.0233 U	0.127 [0.109]	0.102 [0.108]	0.0664 [0.0628]	0.037
PCB-2	2051-61-8	ng/L	0.147 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-3	2051-62-9	ng/L	0.147 U	0.0288	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-4	13029-08-8	ng/L	1.87	3.46	1.61	2.12	2.26	1.12	1.66 [1.62]	1.52 [1.50]	0.947 [0.868]	0.74
PCB-5	16605-91-7	ng/L	0.147 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 UX [0.0231 U]	0.023 U
PCB-6	25569-80-6	ng/L	0.147 U	0.107	0.0540	0.0689	0.0549	0.0233 U	0.0421 [0.0380]	0.0405 [0.0402]	0.0249 [0.0241]	0.023 U
PCB-7	33284-50-3	ng/L	0.147 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-8	34883-43-7	ng/L	0.147 U	0.157	0.0711	0.0887 U	0.0802 U	0.0233 U	0.0591 U [0.0547 U]	0.0532 [0.0532]	0.0208 U [0.0314 U]	0.025 U
PCB-9	34883-39-1	ng/L	0.147 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-10	33146-45-1	ng/L	0.147 U	0.148	0.0532	0.0782	0.0617	0.0553	0.0454 [0.0441]	0.0457 [0.0479]	0.0208 UX [0.0337]	0.028
PCB-11	2050-67-1	ng/L	1.44 U	0.221 U	0.234 U	0.451 U	0.209 U	0.228 U	0.257 U [0.194 U]	0.223 U [0.237 U]	0.204 U [0.226 U]	0.22 U
PCB-12/13	12-13	ng/L	0.294 U	0.0533	0.0478 U	0.0921 U	0.0426 U	0.0466 U	0.0524 U [0.0396 U]	0.0456 U [0.0484 U]	0.0416 U [0.0461 U]	0.046 U
PCB-14	34883-41-5	ng/L	0.147 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-15	2050-68-2	ng/L	0.194 U	0.287	0.121	0.143	0.0966	0.0857	0.0483 [0.0427]	0.0591 [0.0618]	0.0560 [0.0552]	0.046
PCB-16	38444-78-9	ng/L	0.147 U	0.0860	0.0499	0.0528	0.0355	0.0233 U	0.0262 U [0.0199]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-17	37680-66-3	ng/L	0.316	0.656	0.268	0.298	0.252	0.192	0.134 [0.130]	0.142 [0.142]	0.136 [0.128]	0.11
PCB-18/30	18-30	ng/L	0.294 U	0.461	0.245	0.257	0.200	0.165	0.0943 [0.0912]	0.100 [0.102]	0.0826 [0.0799]	0.075
PCB-19	38444-73-4	ng/L	1.48	3.36	1.07	1.37	1.23	1.62	0.709 [0.705]	0.837 [0.810]	0.744 [0.658]	0.53
PCB-20/28	20-28	ng/L	0.758 U	0.541	0.284	0.351	0.268	0.125	0.135 U [0.102 U]	0.118 U [0.125 U]	0.107 U [0.119 U]	0.12 U
PCB-21/33	21-33	ng/L	0.793 U	0.184	0.129 U	0.249 U	0.115 U	0.126 U	0.141 U [0.107 U]	0.123 U [0.131 U]	0.112 U [0.125 U]	0.12 U
PCB-22	38444-85-8	ng/L	0.558 U	0.0857 U	0.0908 U	0.175 U	0.0809 U	0.0886 U	0.0995 U [0.0752 U]	0.0866 U [0.0919 U]	0.0790 U [0.0877 U]	0.087 U
PCB-23	55720-44-0	ng/L	0.147 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-24	55702-45-9	ng/L	0.147 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-25	55712-37-3	ng/L	0.166	0.311	0.126	0.156	0.141	0.0904	0.0475 [0.0456]	0.0605 [0.0606]	0.0626 [0.0636]	0.049
PCB-26/29	26-29	ng/L	0.294 U	0.346	0.146	0.188	0.164	0.0958	0.0681 [0.0664]	0.0756 [0.0782]	0.0783 [0.0782]	0.058
PCB-27	38444-76-7	ng/L	0.259	0.469	0.186	0.200	0.169	0.226	0.106 [0.112]	0.116 [0.116]	0.104 [0.103]	0.090
PCB-31	16606-02-3	ng/L	0.763 U	0.328	0.157	0.239 U	0.153	0.121 U	0.136 U [0.103 U]	0.119 U [0.126 U]	0.108 U [0.120 U]	0.12 U
PCB-32	38444-77-8	ng/L	0.373	0.848	0.281	0.325	0.381	0.167	0.150 [0.143]	0.175 [0.181]	0.163 [0.161]	0.13
PCB-34	37680-68-5	ng/L	0.147 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-35	37680-69-6	ng/L	0.147 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-36	38444-87-0	ng/L	0.147 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-37	38444-90-5	ng/L	0.311 U	0.0550	0.0507 U	0.0976 U	0.0452 U	0.0494 U	0.0555 U [0.0420 U]	0.0483 U [0.0513 U]	0.0440 U [0.0489 U]	0.049 U
PCB-38	53555-66-1	ng/L	0.147 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-39	38444-88-1	ng/L	0.147 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-40/41/71	40-41-71	ng/L	0.881 U	0.985	0.421	0.445	0.486	0.352	0.133 [0.127]	0.181 [0.179]	0.163 [0.167]	0.17
PCB-42	36559-22-5	ng/L	0.294 U	0.350	0.160	0.162	0.161	0.129	0.0450 [0.0447]	0.0603 [0.0612]	0.0628 [0.0631]	0.057
PCB-44/47/65	44-47-65	ng/L	3.37	6.15	2.73	2.85	3.18	2.70	1.00 [0.955]	1.22 [1.25]	1.24 [1.27]	1.2
PCB-45/51	45-51	ng/L	1.80	3.69	1.26	1.37	1.81	1.40	0.587 [0.563]	0.688 [0.702]	0.707 [0.696]	0.68
PCB-46	41464-47-5	ng/L	0.294 U	0.231	0.106	0.112	0.114	0.0812	0.0323 [0.0328]	0.0363 [0.0382]	0.0387 [0.0356]	0.037
PCB-48	70362-47-9	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-49/69	49-69	ng/L	2.09	3.64	1.58	1.70	1.87	1.53	0.575 [0.557]	0.723 [0.733]	0.0416 UJ [0.735 J]	0.68

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM
Sample Date:			07/25/24	08/14/24	09/18/24	10/09/24	11/14/24	12/13/24	01/24/24	02/15/24	03/13/24	04/11/24
PCB CONGENERS BY HRMS (EPA 1668C)												
PCB-50/53	50-53	ng/L	1.79	3.11	1.34	1.41	1.58	1.50	0.452 [0.437]	0.536 [0.552]	0.532 [0.523]	0.52
PCB-52	35693-99-3	ng/L	1.36	2.34	1.01	1.06	1.13	1.20	0.435 [0.429]	0.507 [0.517]	0.526 [0.543]	0.48
PCB-54	15968-05-5	ng/L	0.616	1.55	0.426	0.559	0.494	0.575	0.174 [0.161]	0.251 [0.248]	0.248 [0.216]	0.17
PCB-55	74338-24-2	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-56	41464-43-1	ng/L	0.294 U	0.0524	0.0239 U	0.0460 U	0.0217	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-57	70424-67-8	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-58	41464-49-7	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-59/62/75	59-62-75	ng/L	0.881 U	0.122	0.0717 U	0.138 U	0.0639	0.0699 U	0.0786 U [0.0594 U]	0.0684 U [0.0726 U]	0.0623 U [0.0692 U]	0.069 U
PCB-60	33025-41-1	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-61/70/74/76	61-70-74-76	ng/L	1.17 U	0.423	0.170	0.185	0.203	0.186	0.105 U [0.0792 U]	0.0942 [0.0992]	0.112 [0.125]	0.099
PCB-63	74472-34-7	ng/L	0.294 U	0.0419	0.0239 U	0.0460 U	0.0235	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-64	52663-58-8	ng/L	0.294 U	0.125	0.0622	0.0608	0.0569	0.0550	0.0262 U [0.0237]	0.0277 [0.0292]	0.0208 U [0.0329]	0.027
PCB-66	32598-10-0	ng/L	0.493 U	0.486	0.204	0.223	0.232	0.211	0.0717 [0.0691]	0.0935 [0.0958]	0.108 [0.118]	0.11
PCB-67	73575-53-8	ng/L	0.294 U	0.0256	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-68	73575-52-7	ng/L	0.294 U	0.0991	0.0448	0.0513	0.0586	0.0483	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0233 [0.0231 U]	0.023 U
PCB-72	41464-42-0	ng/L	0.294 U	0.0638	0.0295	0.0460 U	0.0354	0.0302	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-77	32598-13-3	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-78	70362-49-1	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-79	41464-48-6	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-80	33284-52-5	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-81	70362-50-4	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-82	52663-62-4	ng/L	0.294 U	0.0783	0.0256	0.0460 U	0.0251	0.0420	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0272 [0.0269]	0.024
PCB-83	60145-20-2	ng/L	0.294 U	0.111	0.0366	0.0460 U	0.0421	0.0620	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0274 [0.0386]	0.025
PCB-84	52663-60-2	ng/L	0.294 U	0.321	0.114	0.111	0.130 U	0.161	0.0637 [0.0593]	0.0767 [0.0757]	0.0834 [0.0952]	0.081
PCB-85/116/117	85-116-117	ng/L	0.881 U	0.268	0.110	0.138 U	0.109	0.146	0.0786 U [0.0594 U]	0.0684 U [0.0726 U]	0.0797 [0.0918]	0.081
PCB-86/87/97/108/119/125	868797108119125	ng/L	1.76 U	0.990	0.380	0.387	0.395	0.523	0.202 [0.182]	0.250 [0.258]	0.298 [0.331]	0.29
PCB-88/91	88-91	ng/L	0.587 U	1.18	0.421	0.414	0.485	0.622	0.178 [0.165]	0.230 [0.241]	0.246 [0.262]	0.26
PCB-89	73575-57-2	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-90/101/113	90-101-113	ng/L	1.51	2.90	1.16	1.18	1.27	1.70	0.621 [0.562]	0.752 [0.795]	0.886 [0.980]	0.88
PCB-92	52663-61-3	ng/L	0.494	0.939	0.370	0.374	0.426	0.571	0.174 [0.159]	0.218 [0.225]	0.244 [0.263]	0.25
PCB-93/98/100/102	9398100102	ng/L	1.17 U	0.889	0.210	0.313	0.398	0.528	0.162 [0.143]	0.187 [0.199]	0.199 [0.224]	0.21
PCB-94	73575-55-0	ng/L	0.294 U	0.257	0.0934	0.0940	0.120	0.129	0.0389 [0.0361]	0.0479 [0.0497]	0.0486 [0.0514]	0.053
PCB-95	38379-99-6	ng/L	1.04	2.13	0.775	0.758	0.894	1.46	0.459 [0.444]	0.553 [0.550]	0.628 [0.680]	0.63
PCB-96	73575-54-9	ng/L	0.294 U	0.137	0.0459	0.0467	0.0534	0.0753	0.0262 U [0.0198 U]	0.0244 [0.0242 U]	0.0258 [0.0266]	0.027
PCB-99	38380-01-7	ng/L	0.678	1.34	0.507	0.525	0.540	0.745	0.264 [0.230]	0.295 [0.313]	0.354 [0.398]	0.37
PCB-103	60145-21-3	ng/L	0.294 U	0.323	0.116	0.120	0.153	0.215	0.0535 [0.0516]	0.0671 [0.0719]	0.0731 [0.0770]	0.077
PCB-104	56558-16-8	ng/L	0.294 U	0.162	0.0250	0.0460 U	0.0415	0.0611	0.0262 U [0.0198 U]	0.0299 [0.0304]	0.0286 [0.0263]	0.023 U
PCB-105	32598-14-4	ng/L	0.294 U	0.157	0.0599	0.0598	0.0645 U	0.103	0.0478 [0.0364]	0.0419 [0.0491]	0.0725 [0.0879]	0.070
PCB-106	70424-69-0	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-107/124	107-124	ng/L	0.587 U	0.0451 U	0.0478 U	0.0921 U	0.0426 U	0.0466 U	0.0524 U [0.0396 U]	0.0456 U [0.0484 U]	0.0416 U [0.0461 U]	0.046 U
PCB-109	74472-35-8	ng/L	0.294 U	0.111	0.0429	0.0460 U	0.0467	0.0478	0.0262 U [0.0198 U]	0.0243 [0.0270]	0.0338 [0.0417]	0.031

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM
Sample Date:			07/25/24	08/14/24	09/18/24	10/09/24	11/14/24	12/13/24	01/24/24	02/15/24	03/13/24	04/11/24
PCB CONGENERS BY HRMS (EPA 1668C)												
PCB-110/115	110-115	ng/L	1.11	2.01	0.745	0.762	0.758	1.01	0.421 [0.373]	0.522 [0.534]	0.612 [0.693]	0.62
PCB-111	39635-32-0	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-112	74472-36-9	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-114	74472-37-0	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-118	31508-00-6	ng/L	0.462	0.728	0.278	0.290	0.303 U	0.456	0.186 U [0.154 U]	0.190 [0.201]	0.280 [0.346]	0.28
PCB-120	68194-12-7	ng/L	0.294 U	0.0308	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-121	56558-18-0	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-122	76842-07-4	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-123	65510-44-3	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-126	57465-28-8	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-127	39635-33-1	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-128/166	128-166	ng/L	0.587 U	0.305	0.106	0.0928	0.0679	0.183	0.0751 [0.0594]	0.0847 [0.0967]	0.118 [0.157]	0.11
PCB-129/138/163	129-138-163	ng/L	2.34	5.18	1.70	1.74	1.74	2.76	1.19 [0.963]	1.34 [1.46]	1.86 [2.30]	1.8
PCB-130	52663-66-8	ng/L	0.294 U	0.262	0.0953	0.0925	0.0909	0.131	0.0557 [0.0446]	0.0630 [0.0676]	0.0852 [0.101]	0.089
PCB-131	61798-70-7	ng/L	0.294 U	0.0289	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-132	38380-05-1	ng/L	0.575	1.39	0.449	0.462	0.472	0.785	0.311 [0.253]	0.352 [0.376]	0.472 [0.566]	0.45
PCB-133	35694-04-3	ng/L	0.294 U	0.146	0.0563	0.0614	0.0588	0.0843	0.0303 [0.0229]	0.0340 [0.0377]	0.0469 [0.0527]	0.045
PCB-134/143	134-143	ng/L	0.587 U	0.248	0.0824	0.0931	0.0984	0.149	0.0524 U [0.0492]	0.0591 [0.0661]	0.0827 [0.0962]	0.084
PCB-135/151	135-151	ng/L	1.23	2.90	1.04	1.03	1.05	1.72	0.638 [0.534]	0.756 [0.795]	0.903 [1.04]	0.95
PCB-136	38411-22-2	ng/L	0.340	0.838	0.267	0.277	0.306	0.529	0.180 [0.151]	0.219 [0.231]	0.250 [0.288]	0.27
PCB-137	35694-06-5	ng/L	0.294 U	0.0671	0.0284	0.0460 U	0.0377	0.0357	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0305 [0.0354]	0.024
PCB-139/140	139-140	ng/L	0.587 U	0.0650	0.0478 U	0.0921 U	0.0426 U	0.0466 U	0.0524 U [0.0396 U]	0.0456 U [0.0484 U]	0.0416 U [0.0461 U]	0.046 U
PCB-141	52712-04-6	ng/L	0.424	1.06	0.341	0.362	0.366	0.547	0.254 [0.210]	0.275 [0.309]	0.383 [0.467]	0.36
PCB-142	41411-61-4	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-144	68194-14-9	ng/L	0.294 U	0.254	0.0901	0.0936	0.0917	0.164	0.0617 [0.0495]	0.0713 [0.0760]	0.0875 [0.0998]	0.086
PCB-145	74472-40-5	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-146	51908-16-8	ng/L	0.485	1.05	0.398	0.379	0.405	0.515	0.249 J [0.173 J]	0.273 [0.293]	0.351 [0.428]	0.35
PCB-147/149	147-149	ng/L	2.51	5.67	1.93	2.03	2.11	3.08	1.26 [1.05]	1.45 [1.57]	1.85 [2.20]	1.8
PCB-148	74472-41-6	ng/L	0.294 U	0.0499	0.0239 U	0.0460 U	0.0213 U	0.0302	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-150	68194-08-1	ng/L	0.294 U	0.0576	0.0239 U	0.0460 U	0.0228	0.0327	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-152	68194-09-2	ng/L	0.294 U	0.0446	0.0239 U	0.0460 U	0.0213 U	0.0302	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-153/168	153-168	ng/L	2.34	5.37	1.94	1.90	1.99	3.09	1.30 [1.06]	1.42 [1.55]	1.91 [2.37]	1.9
PCB-154	60145-22-4	ng/L	0.294 U	0.191	0.0724	0.0712	0.0749	0.0985	0.0389 [0.0306]	0.0455 [0.0480]	0.0525 [0.0613]	0.058
PCB-155	33979-03-2	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-156/157	156-157	ng/L	0.587 U	0.205	0.0746	0.0921 U	0.0732	0.144	0.0587 [0.0436]	0.0561 [0.0594]	0.0857 [0.114]	0.090
PCB-158	74472-42-7	ng/L	0.294 U	0.331	0.106	0.114	0.110	0.176	0.0802 [0.0629]	0.0928 [0.0982]	0.124 [0.162]	0.12
PCB-159	39635-35-3	ng/L	0.294 U	0.103	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0503]	0.023 U
PCB-160	41411-62-5	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-161	74472-43-8	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-162	39635-34-2	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-164	74472-45-0	ng/L	0.294 U	0.372	0.118	0.122	0.112	0.197	0.0793 [0.0632]	0.0954 [0.102]	0.121 [0.155]	0.13

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	OLD PLEASANT ST BR	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM
Sample Date:			07/25/24	08/14/24	09/18/24	10/09/24	11/14/24	12/13/24	01/24/24	02/15/24	03/13/24	04/11/24
PCB CONGENERS BY HRMS (EPA 1668C)												
PCB-165	74472-46-1	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-167	52663-72-6	ng/L	0.294 U	0.131	0.0509	0.0514	0.0490	0.0863	0.0363 [0.0276]	0.0344 [0.0381]	0.0518 [0.0661]	0.053
PCB-169	32774-16-6	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-170	35065-30-6	ng/L	0.748	1.75	0.525	0.524	0.533	0.943	0.401 [0.330]	0.411 [0.454]	0.634 [0.845]	0.64
PCB-171/173	171-173	ng/L	0.587 U	0.549	0.165	0.172	0.191	0.312	0.129 [0.107]	0.134 [0.151]	0.207 [0.267]	0.20
PCB-172	52663-74-8	ng/L	0.294 U	0.356	0.114	0.118	0.130	0.206	0.0818 [0.0700]	0.0883 [0.0964]	0.132 [0.176]	0.13
PCB-174	38411-25-5	ng/L	0.894	2.05	0.645	0.670	0.739	1.11	0.506 [0.410]	0.528 [0.600]	0.740 [0.959]	0.75
PCB-175	40186-70-7	ng/L	0.294 U	0.0854	0.0287	0.0460 U	0.0334	0.0441	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0278 [0.0347]	0.030
PCB-176	52663-65-7	ng/L	0.294 U	0.262	0.0938	0.0897	0.105	0.166	0.0633 [0.0495]	0.0664 [0.0721]	0.0900 [0.116]	0.096
PCB-177	52663-70-4	ng/L	0.579	1.22	0.410	0.415	0.468	0.730	0.300 [0.244]	0.306 [0.340]	0.474 [0.626]	0.47
PCB-178	52663-67-9	ng/L	0.294 U	0.522	0.192	0.193	0.214	0.320	0.123 [0.0988]	0.130 [0.145]	0.187 [0.237]	0.19
PCB-179	52663-64-6	ng/L	0.417	0.982	0.341	0.342	0.409	0.610	0.237 [0.185]	0.255 [0.275]	0.342 [0.429]	0.37
PCB-180/193	180-193	ng/L	1.80	4.06	1.22	1.27	1.41	2.31	0.999 [0.826]	1.06 [1.17]	1.53 [2.01]	1.5
PCB-181	74472-47-2	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-182	60145-23-5	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-183/185	183-185	ng/L	0.603	1.35	0.422	0.436	0.533	0.828	0.324 [0.268]	0.340 [0.385]	0.513 [0.650]	0.49
PCB-184	74472-48-3	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-186	74472-49-4	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-187	52663-68-0	ng/L	1.23	2.64	0.907	0.884	0.927	1.60	0.631 [0.492]	0.671 [0.728]	0.943 [1.21]	0.97
PCB-188	74487-85-7	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-189	39635-31-9	ng/L	0.294 U	0.0609	0.0239 U	0.0460 U	0.0221	0.0441	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0242 [0.0313]	0.026
PCB-190	41411-64-7	ng/L	0.294 U	0.374	0.111	0.116	0.115	0.217	0.0930 [0.0761]	0.0964 [0.106]	0.147 [0.193]	0.15
PCB-191	74472-50-7	ng/L	0.294 U	0.0646	0.0239 U	0.0460 U	0.0245	0.0388	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0240 [0.0391]	0.024
PCB-192	74472-51-8	ng/L	0.294 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-194	35694-08-7	ng/L	0.440 U	0.838	0.291	0.278	0.260	0.520	0.213 [0.174]	0.192 [0.217]	0.311 J [0.436 J]	0.33
PCB-195	52663-78-2	ng/L	0.440 U	0.370	0.133	0.130	0.101	0.247	0.0954 [0.0774]	0.0863 [0.0961]	0.147 J [0.203 J]	0.15
PCB-196	42740-50-1	ng/L	0.440 U	0.443	0.162	0.153	0.162	0.279	0.112 [0.0857]	0.107 [0.119]	0.165 [0.216]	0.18
PCB-197/200	197-200	ng/L	0.881 U	0.151	0.0556	0.0921 U	0.0621	0.108	0.0524 U [0.0396 U]	0.0456 U [0.0484 U]	0.0609 [0.0795]	0.060
PCB-198/199	198-199	ng/L	0.881 U	0.912	0.322	0.321	0.300	0.569	0.243 [0.189]	0.235 [0.262]	0.360 [0.485]	0.38
PCB-201	40186-71-8	ng/L	0.440 U	0.111	0.0425	0.0473	0.0476	0.0743	0.0298 [0.0220]	0.0270 [0.0312]	0.0430 [0.0549]	0.045
PCB-202	2136-99-4	ng/L	0.440 U	0.174	0.0670	0.0681	0.0733	0.112	0.0484 [0.0372]	0.0467 [0.0516]	0.0697 [0.0922]	0.074
PCB-203	52663-76-0	ng/L	0.440 U	0.549	0.196	0.195	0.194	0.394	0.142 [0.113]	0.139 [0.153]	0.209 [0.278]	0.22
PCB-204	74472-52-9	ng/L	0.440 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-205	74472-53-0	ng/L	0.440 U	0.0452	0.0239 U	0.0460 U	0.0213 U	0.0350	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0278]	0.023 U
PCB-206	40186-72-9	ng/L	0.440 U	0.182	0.0696	0.0625	0.0676	0.126	0.0547 [0.0428]	0.0462 [0.0554]	0.0756 [0.109]	0.084
PCB-207	52663-79-3	ng/L	0.440 U	0.0252	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-208	52663-77-1	ng/L	0.440 U	0.0359	0.0239 U	0.0460 U	0.0213 U	0.0236	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
PCB-209	2051-24-3	ng/L	0.440 U	0.0226 U	0.0239 U	0.0460 U	0.0213 U	0.0233 U	0.0262 U [0.0198 U]	0.0228 U [0.0242 U]	0.0208 U [0.0231 U]	0.023 U
Total PCBs as Congeners	ARC-TCongeners	ng/L	37.3	97.1	35.3	36.8	39.3	49.1	20.1 J [17.8 J]	22.9 [24.2]	26.8 J [32.2 J]	26.7

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM
Sample Date:			05/15/24	06/26/24	07/25/24	08/14/24	09/18/24	10/09/24	11/13/24	12/13/24
PCB CONGENERS BY HRMS (EPA 1668C)										
PCB-1	2051-60-7	ng/L	0.0331 [0.0348]	0.022 U [0.024 U]	0.131 U [0.149 U]	0.0493 [0.0462]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0320 [0.0285]	0.0216 U [0.0209 U]
PCB-2	2051-61-8	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.131 U [0.149 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-3	2051-62-9	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.131 U [0.149 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-4	13029-08-8	ng/L	0.783 [0.865]	0.61 U [0.66]	0.418 [0.494]	1.33 [1.22]	0.285 [0.349]	0.351 [0.346]	0.880 [0.717]	0.981 [1.08]
PCB-5	16605-91-7	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.131 U [0.149 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0382 [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-6	25569-80-6	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.131 U [0.149 U]	0.0414 [0.0350]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-7	33284-50-3	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.131 U [0.149 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-8	34883-43-7	ng/L	0.0260 [0.0324]	0.026 [0.027]	0.131 U [0.149 U]	0.0746 U [0.0576 U]	0.0244 U [0.0238]	0.0344 U [0.0456 U]	0.0260 U [0.0250 U]	0.0216 U [0.0209 U]
PCB-9	34883-39-1	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.131 U [0.149 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-10	33146-45-1	ng/L	0.0351 U [0.0237 UX]	0.022 U [0.024 U]	0.131 U [0.149 U]	0.0571 [0.0513]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0213 [0.0222 U]	0.0450 [0.0432]
PCB-11	2050-67-1	ng/L	0.214 U [0.211 U]	0.22 U [0.23 U]	1.28 U [1.46 U]	0.311 [0.202 U]	0.239 U [0.218 U]	0.207 U [0.447 U]	0.190 U [0.217 U]	0.211 U [0.204 U]
PCB-12/13	12-13	ng/L	0.0437 U [0.0431 U]	0.044 U [0.048 U]	0.261 U [0.299 U]	0.0446 U [0.0411 U]	0.0489 U [0.0444 U]	0.0423 U [0.0912 U]	0.0387 U [0.0443 U]	0.0432 U [0.0417 U]
PCB-14	34883-41-5	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.131 U [0.149 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-15	2050-68-2	ng/L	0.0721 [0.0784]	0.059 [0.062]	0.172 U [0.197 U]	0.158 [0.132]	0.0419 [0.0505]	0.0476 [0.0602 U]	0.0456 [0.0415]	0.0888 [0.0931]
PCB-16	38444-78-9	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.131 U [0.149 U]	0.0460 [0.0346]	0.0244 U [0.0222 U]	0.0216 [0.0456 U]	0.0194 U [0.0222 U]	0.0220 [0.0240]
PCB-17	37680-66-3	ng/L	0.126 [0.130]	0.10 [0.11]	0.131 U [0.149 U]	0.277 [0.238]	0.0695 [0.0699]	0.0678 [0.0580]	0.0838 [0.0762]	0.179 [0.186]
PCB-18/30	18-30	ng/L	0.104 [0.102]	0.084 [0.095]	0.261 U [0.299 U]	0.203 [0.175]	0.0638 [0.0645]	0.0699 [0.0912 U]	0.0763 [0.0721]	0.158 [0.168]
PCB-19	38444-73-4	ng/L	0.598 [0.643]	0.48 [0.52]	0.384 [0.460]	1.34 [1.18]	0.222 [0.283]	0.235 [0.247]	0.454 [0.371]	1.26 [1.22]
PCB-20/28	20-28	ng/L	0.133 [0.140]	0.13 [0.14]	0.673 U [0.771 U]	0.276 [0.232]	0.126 U [0.120]	0.118 [0.235 U]	0.101 [0.114 U]	0.151 [0.158]
PCB-21/33	21-33	ng/L	0.118 U [0.116 U]	0.12 U [0.13 U]	0.705 U [0.807 U]	0.121 U [0.111 U]	0.132 U [0.120 U]	0.114 U [0.246 U]	0.105 U [0.120 U]	0.117 U [0.113 U]
PCB-22	38444-85-8	ng/L	0.0831 U [0.0818 U]	0.084 U [0.091 U]	0.496 U [0.568 U]	0.0848 U [0.0781 U]	0.0928 U [0.0844 U]	0.0804 U [0.173 U]	0.0736 U [0.0842 U]	0.0820 U [0.0793 U]
PCB-23	55720-44-0	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.131 U [0.149 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-24	55702-45-9	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.131 U [0.149 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-25	55712-37-3	ng/L	0.0634 [0.0682]	0.060 [0.065]	0.131 U [0.149 U]	0.134 [0.116]	0.0348 [0.0436]	0.0420 [0.0456 U]	0.0454 [0.0410]	0.0931 [0.0940]
PCB-26/29	26-29	ng/L	0.0822 [0.0859]	0.068 [0.072]	0.261 U [0.299 U]	0.153 [0.133]	0.0489 U [0.0487]	0.0484 [0.0912 U]	0.0540 [0.0515]	0.0959 [0.104]
PCB-27	38444-76-7	ng/L	0.0977 [0.0990]	0.081 [0.086]	0.131 U [0.149 U]	0.202 [0.178]	0.0497 [0.0536]	0.0456 [0.0456 U]	0.0630 [0.0571]	0.197 [0.195]
PCB-31	16606-02-3	ng/L	0.114 U [0.112 U]	0.11 U [0.12 U]	0.679 U [0.777 U]	0.168 [0.135]	0.127 U [0.116 U]	0.110 U [0.237 U]	0.101 U [0.115 U]	0.112 U [0.108 U]
PCB-32	38444-77-8	ng/L	0.110 [0.114]	0.090 [0.094]	0.131 U [0.149 U]	0.281 [0.246]	0.0396 [0.0470]	0.0486 [0.0456 U]	0.0713 [0.0681]	0.134 [0.148]
PCB-34	37680-68-5	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.131 U [0.149 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-35	37680-69-6	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.131 U [0.149 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-36	38444-87-0	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.131 U [0.149 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-37	38444-90-5	ng/L	0.0464 U [0.0457 U]	0.047 U [0.051 U]	0.277 U [0.317 U]	0.0473 U [0.0436 U]	0.0518 U [0.0471 U]	0.0449 U [0.0967 U]	0.0411 U [0.0470 U]	0.0458 U [0.0442 U]
PCB-38	53555-66-1	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.131 U [0.149 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-39	38444-88-1	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.131 U [0.149 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-40/41/71	40-41-71	ng/L	0.239 [0.235]	0.22 [0.23]	0.783 U [0.897 U]	0.418 [0.379]	0.138 [0.152]	0.144 [0.137 U]	0.126 [0.125]	0.406 [0.405]
PCB-42	36559-22-5	ng/L	0.0914 [0.0922]	0.093 [0.095]	0.261 U [0.299 U]	0.163 [0.142]	0.0652 [0.0713]	0.0654 [0.0545]	0.0489 [0.0491]	0.162 [0.163]
PCB-44/47/65	44-47-65	ng/L	1.64 [1.66]	1.7 [1.8]	1.54 [1.55]	2.76 [2.51]	1.12 [1.25]	1.12 [0.912]	0.880 [0.875]	3.42 [3.44]
PCB-45/51	45-51	ng/L	0.762 [0.731]	0.58 [0.63]	0.522 U [0.598 U]	1.25 [1.18]	0.313 [0.353]	0.356 [0.300]	0.335 [0.334]	1.31 [1.35]
PCB-46	41464-47-5	ng/L	0.0539 [0.0541]	0.052 [0.054]	0.261 U [0.299 U]	0.0946 [0.0871]	0.0313 [0.0362]	0.0333 [0.0456 U]	0.0326 [0.0322]	0.0924 [0.0947]
PCB-48	70362-47-9	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-49/69	49-69	ng/L	0.992 [0.998]	0.96 [0.99]	0.881 [0.894]	1.65 [1.48]	0.604 [0.702]	0.613 [0.516]	0.547 [0.540]	1.82 [1.84]

Location:			RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM
Sample Date:			05/15/24	06/26/24	07/25/24	08/14/24	09/18/24	10/09/24	11/13/24	12/13/24
PCB CONGENERS BY HRMS (EPA 1668C)										
PCB-50/53	50-53	ng/L	0.727 [0.690]	0.68 [0.71]	0.571 [0.598 U]	1.25 [1.16]	0.390 [0.447]	0.380 [0.332]	0.434 [0.421]	1.58 [1.55]
PCB-52	35693-99-3	ng/L	0.646 [0.648]	0.65 [0.68]	0.804 U [0.921 U]	1.10 [0.997]	0.419 [0.479]	0.459 [0.362]	0.376 [0.388]	1.31 [1.32]
PCB-54	15968-05-5	ng/L	0.269 [0.280]	0.20 [0.21]	0.261 U [0.299 U]	0.616 [0.523]	0.109 [0.146]	0.113 [0.117]	0.150 [0.126]	0.523 [0.511]
PCB-55	74338-24-2	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-56	41464-43-1	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0318 [0.0254]	0.0244 U [0.0222 U]	0.0291 [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0227]
PCB-57	70424-67-8	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-58	41464-49-7	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-59/62/75	59-62-75	ng/L	0.0656 U [0.0646 U]	0.066 U [0.072 U]	0.783 U [0.897 U]	0.0670 U [0.0617 U]	0.0733 U [0.0667 U]	0.0635 U [0.137 U]	0.0581 U [0.0665 U]	0.0696 [0.0670]
PCB-60	33025-41-1	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-61/70/74/76	61-70-74-76	ng/L	0.135 [0.136]	0.13 [0.14]	1.04 U [1.20 U]	0.225 [0.198]	0.100 [0.121]	0.124 [0.182 U]	0.0785 [0.0887 U]	0.231 [0.242]
PCB-63	74472-34-7	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0219 [0.0219]
PCB-64	52663-58-8	ng/L	0.0389 [0.0403]	0.040 [0.044]	0.261 U [0.299 U]	0.0688 [0.0561]	0.0313 [0.0323]	0.0352 [0.0456 U]	0.0222 [0.0230]	0.0613 [0.0640]
PCB-66	32598-10-0	ng/L	0.153 [0.155]	0.15 [0.15]	0.439 U [0.502 U]	0.247 [0.222]	0.110 [0.136]	0.119 [0.108 U]	0.0829 [0.0819]	0.275 [0.282]
PCB-67	73575-53-8	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-68	73575-52-7	ng/L	0.0282 [0.0305]	0.028 [0.030]	0.261 U [0.299 U]	0.0481 [0.0435]	0.0244 U [0.0272]	0.0235 [0.0456 U]	0.0194 U [0.0222 U]	0.0595 [0.0641]
PCB-72	41464-42-0	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0308 [0.0296]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0384 [0.0374]
PCB-77	32598-13-3	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-78	70362-49-1	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-79	41464-48-6	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-80	33284-52-5	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-81	70362-50-4	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-82	52663-62-4	ng/L	0.0264 [0.0270]	0.024 [0.025]	0.261 U [0.299 U]	0.0442 [0.0409]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0544 [0.0568]
PCB-83	60145-20-2	ng/L	0.0294 [0.0366]	0.031 [0.032]	0.261 U [0.299 U]	0.0508 [0.0472]	0.0282 [0.0307]	0.0259 [0.0456 U]	0.0194 U [0.0222 U]	0.0778 [0.0884]
PCB-84	52663-60-2	ng/L	0.100 [0.100]	0.11 [0.11]	0.261 U [0.299 U]	0.168 [0.153]	0.0741 [0.0834]	0.0716 [0.0594]	0.0451 U [0.0477 U]	0.193 [0.202]
PCB-85/116/117	85-116-117	ng/L	0.105 [0.103]	0.097 [0.094]	0.783 U [0.897 U]	0.161 [0.151]	0.0766 [0.0820]	0.0737 [0.137 U]	0.0581 U [0.0665 U]	0.207 [0.226]
PCB-86/87/97/108/119/125	868797108119125	ng/L	0.355 [0.369]	0.33 [0.32]	1.57 U [1.79 U]	0.543 [0.502]	0.263 [0.280]	0.251 [0.274 U]	0.156 [0.158]	0.684 [0.727]
PCB-88/91	88-91	ng/L	0.361 [0.358]	0.35 [0.35]	0.522 U [0.598 U]	0.556 [0.526]	0.231 [0.259]	0.223 [0.197]	0.145 [0.149]	0.798 [0.837]
PCB-89	73575-57-2	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-90/101/113	90-101-113	ng/L	1.04 [1.08]	1.1 [1.1]	0.979 [1.03]	1.63 [1.52]	0.807 [0.891]	0.751 [0.671]	0.488 U [0.509 U]	2.22 [2.36]
PCB-92	52663-61-3	ng/L	0.327 [0.322]	0.32 [0.33]	0.317 [0.335]	0.517 [0.476]	0.250 [0.280]	0.230 [0.208]	0.155 [0.161]	0.743 [0.795]
PCB-93/98/100/102	9398100102	ng/L	0.269 [0.269]	0.25 [0.24]	1.04 U [1.20 U]	0.400 [0.374]	0.157 [0.178]	0.156 [0.182 U]	0.102 [0.107]	0.642 [0.667]
PCB-94	73575-55-0	ng/L	0.0672 [0.0653]	0.067 [0.073]	0.261 U [0.299 U]	0.110 [0.104]	0.0451 [0.0498]	0.0452 [0.0456 U]	0.0324 [0.0330]	0.152 [0.164]
PCB-95	38379-99-6	ng/L	0.694 [0.717]	0.76 [0.76]	0.671 [0.653]	1.13 [1.07]	0.521 [0.600]	0.502 [0.442]	0.326 U [0.340 U]	1.72 [1.82]
PCB-96	73575-54-9	ng/L	0.0380 [0.0330]	0.035 [0.036]	0.261 U [0.299 U]	0.0581 [0.0569]	0.0244 U [0.0236]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0911 [0.0947]
PCB-99	38380-01-7	ng/L	0.455 [0.469]	0.44 [0.44]	0.439 [0.449]	0.747 [0.697]	0.358 [0.382]	0.346 [0.300]	0.213 [0.217]	0.993 [1.06]
PCB-103	60145-21-3	ng/L	0.0938 [0.0918]	0.096 [0.10]	0.261 U [0.299 U]	0.149 [0.139]	0.0644 [0.0698]	0.0629 [0.0568]	0.0437 [0.0444]	0.253 [0.264]
PCB-104	56558-16-8	ng/L	0.0306 [0.0304]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0739 [0.0555]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0653 [0.0686]
PCB-105	32598-14-4	ng/L	0.0913 [0.0866]	0.065 [0.063]	0.261 U [0.299 U]	0.0877 [0.0939]	0.0543 [0.0527]	0.0494 [0.0456 U]	0.0276 U [0.0293 U]	0.157 [0.168]
PCB-106	70424-69-0	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-107/124	107-124	ng/L	0.0437 U [0.0431 U]	0.044 U [0.048 U]	0.522 U [0.598 U]	0.0446 U [0.0411 U]	0.0489 U [0.0444 U]	0.0423 U [0.0912 U]	0.0387 U [0.0443 U]	0.0432 U [0.0417 U]
PCB-109	74472-35-8	ng/L	0.0400 [0.0469]	0.044 [0.041]	0.261 U [0.299 U]	0.0646 [0.0607]	0.0332 [0.0358]	0.0313 [0.0456 U]	0.0200 [0.0222 U]	0.0685 [0.0763]

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM
Sample Date:			05/15/24	06/26/24	07/25/24	08/14/24	09/18/24	10/09/24	11/13/24	12/13/24
PCB CONGENERS BY HRMS (EPA 1668C)										
PCB-110/115	110-115	ng/L	0.739 [0.767]	0.71 [0.69]	0.678 [0.756]	1.16 [1.09]	0.556 [0.598]	0.505 [0.470]	0.318 U [0.321 U]	1.34 [1.43]
PCB-111	39635-32-0	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-112	74472-36-9	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-114	74472-37-0	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-118	31508-00-6	ng/L	0.341 [0.369]	0.28 [0.27]	0.334 U [0.383 U]	0.412 [0.415]	0.236 [0.242]	0.212 [0.188]	0.125 U [0.133 U]	0.677 [0.706]
PCB-120	68194-12-7	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0242 [0.0254]
PCB-121	56558-18-0	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-122	76842-07-4	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-123	65510-44-3	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-126	57465-28-8	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-127	39635-33-1	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-128/166	128-166	ng/L	0.176 [0.175]	0.12 [0.11]	0.522 U [0.598 U]	0.192 [0.193]	0.0984 [0.0868]	0.0790 [0.0912 U]	0.0387 U [0.0443 U]	0.290 [0.339]
PCB-129/138/163	129-138-163	ng/L	2.23 [2.38]	1.8 [1.7]	1.66 [2.05]	3.20 [3.16]	1.49 [1.59]	1.47 [1.17]	0.787 U [0.784 U]	4.31 [5.04]
PCB-130	52663-66-8	ng/L	0.111 [0.124]	0.097 [0.093]	0.261 U [0.299 U]	0.165 [0.163]	0.0819 [0.0876]	0.0797 [0.0654]	0.0415 [0.0444]	0.212 [0.241]
PCB-131	61798-70-7	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0252 [0.0298]
PCB-132	38380-05-1	ng/L	0.593 [0.600]	0.45 [0.45]	0.420 [0.486]	0.805 [0.781]	0.377 [0.399]	0.365 [0.312]	0.195 U [0.193 U]	1.15 [1.33]
PCB-133	35694-04-3	ng/L	0.0605 [0.0640]	0.054 [0.052]	0.261 U [0.299 U]	0.0881 [0.0859]	0.0469 [0.0485]	0.0452 [0.0456 U]	0.0262 [0.0255]	0.122 [0.142]
PCB-134/143	134-143	ng/L	0.115 [0.111]	0.079 [0.079]	0.522 U [0.598 U]	0.143 [0.136]	0.0595 [0.0636]	0.0655 [0.0912 U]	0.0387 U [0.0443 U]	0.201 [0.239]
PCB-135/151	135-151	ng/L	1.09 [1.11]	0.92 [0.93]	0.943 [1.04]	1.71 [1.66]	0.868 [0.835]	0.719 [0.682]	0.446 [0.438]	2.37 [2.77]
PCB-136	38411-22-2	ng/L	0.308 [0.303]	0.26 [0.26]	0.261 U [0.299 U]	0.472 [0.448]	0.222 [0.227]	0.194 [0.178]	0.114 [0.113]	0.709 [0.826]
PCB-137	35694-06-5	ng/L	0.0347 [0.0339]	0.027 [0.024 U]	0.261 U [0.299 U]	0.0559 [0.0557]	0.0244 U [0.0222 U]	0.0239 [0.0456 U]	0.0194 U [0.0222 U]	0.0583 [0.0920]
PCB-139/140	139-140	ng/L	0.0437 U [0.0431 U]	0.044 U [0.048 U]	0.522 U [0.598 U]	0.0446 U [0.0411 U]	0.0489 U [0.0444 U]	0.0423 U [0.0912 U]	0.0387 U [0.0443 U]	0.0505 [0.0576]
PCB-141	52712-04-6	ng/L	0.424 [0.434]	0.34 [0.35]	0.307 [0.347]	0.623 [0.604]	0.290 [0.307]	0.274 [0.237]	0.148 U [0.147 U]	0.824 [0.984]
PCB-142	41411-61-4	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-144	68194-14-9	ng/L	0.0932 [0.0986]	0.079 [0.079]	0.261 U [0.299 U]	0.147 [0.143]	0.0745 [0.0719]	0.0641 [0.0589]	0.0372 [0.0370]	0.218 [0.268]
PCB-145	74472-40-5	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-146	51908-16-8	ng/L	0.445 [0.489]	0.38 [0.37]	0.370 [0.442]	0.650 [0.634]	0.336 [0.333]	0.316 [0.254]	0.178 [0.185]	0.789 [0.910]
PCB-147/149	147-149	ng/L	2.28 [2.36]	1.9 [1.9]	1.81 [2.05]	3.33 [3.27]	1.57 [1.65]	1.51 [1.34]	0.860 [0.877]	4.40 [5.13]
PCB-148	74472-41-6	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0276 [0.0258]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0408 [0.0470]
PCB-150	68194-08-1	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0282 [0.0273]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0446 [0.0503]
PCB-152	68194-09-2	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0208]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0369 [0.0432]
PCB-153/168	153-168	ng/L	2.28 [2.42]	1.9 [1.8]	1.77 [2.04]	3.32 [3.27]	1.69 [1.69]	1.58 [1.29]	0.864 [0.897]	4.68 [5.54]
PCB-154	60145-22-4	ng/L	0.0708 [0.0696]	0.059 [0.059]	0.261 U [0.299 U]	0.106 [0.107]	0.0552 [0.0543]	0.0465 [0.0456 U]	0.0287 [0.0295]	0.138 [0.158]
PCB-155	33979-03-2	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-156/157	156-157	ng/L	0.110 [0.117]	0.082 [0.078]	0.522 U [0.598 U]	0.114 [0.121]	0.0651 [0.0658]	0.0661 [0.0912 U]	0.0387 U [0.0443 U]	0.222 [0.275]
PCB-158	74472-42-7	ng/L	0.144 [0.152]	0.12 [0.11]	0.261 U [0.299 U]	0.198 [0.196]	0.0898 [0.102]	0.0944 [0.0751]	0.0468 [0.0480]	0.263 [0.320]
PCB-159	39635-35-3	ng/L	0.0219 U [0.0215 U]	0.022 U [0.030]	0.261 U [0.299 U]	0.0243 [0.0236]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0486 [0.0523]
PCB-160	41411-62-5	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-161	74472-43-8	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-162	39635-34-2	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-164	74472-45-0	ng/L	0.161 [0.175]	0.13 [0.13]	0.261 U [0.299 U]	0.214 [0.207]	0.102 [0.118]	0.102 [0.0823]	0.0500 [0.0554]	0.298 [0.331]

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM	RISING POND DAM
Sample Date:			05/15/24	06/26/24	07/25/24	08/14/24	09/18/24	10/09/24	11/13/24	12/13/24
PCB CONGENERS BY HRMS (EPA 1668C)										
PCB-165	74472-46-1	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-167	52663-72-6	ng/L	0.0712 [0.0736]	0.056 [0.050]	0.261 U [0.299 U]	0.0739 [0.0792]	0.0429 [0.0432]	0.0403 [0.0456 U]	0.0215 [0.0243]	0.132 [0.159]
PCB-169	32774-16-6	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-170	35065-30-6	ng/L	0.757 [0.806]	0.60 [0.52]	0.503 [0.657]	1.03 [1.03]	0.440 [0.495]	0.473 [0.338]	0.239 U [0.346 U]	1.52 [1.96]
PCB-171/173	171-173	ng/L	0.245 [0.267]	0.20 [0.17]	0.522 U [0.598 U]	0.318 [0.322]	0.136 [0.160]	0.151 [0.111]	0.0824 [0.121]	0.491 [0.638]
PCB-172	52663-74-8	ng/L	0.158 [0.172]	0.13 [0.12]	0.261 U [0.299 U]	0.211 [0.213]	0.0982 [0.110]	0.106 [0.0756]	0.0575 [0.0834]	0.316 [0.419]
PCB-174	38411-25-5	ng/L	0.906 [0.949]	0.76 [0.69]	0.637 [0.795]	1.24 [1.24]	0.545 [0.609]	0.585 [0.435]	0.325 U [0.447 U]	1.83 [2.31]
PCB-175	40186-70-7	ng/L	0.0382 [0.0354]	0.029 [0.027]	0.261 U [0.299 U]	0.0475 [0.0474]	0.0244 U [0.0246]	0.0215 [0.0456 U]	0.0194 U [0.0222 U]	0.0738 [0.0988]
PCB-176	52663-65-7	ng/L	0.111 [0.120]	0.092 [0.090]	0.261 U [0.299 U]	0.151 [0.149]	0.0754 [0.0742]	0.0678 [0.0572]	0.0432 [0.0596]	0.249 [0.319]
PCB-177	52663-70-4	ng/L	0.585 [0.622]	0.49 [0.42]	0.409 [0.507]	0.749 [0.753]	0.346 [0.387]	0.358 [0.281]	0.198 U [0.294 U]	1.18 [1.51]
PCB-178	52663-67-9	ng/L	0.247 [0.260]	0.20 [0.19]	0.261 U [0.299 U]	0.325 [0.324]	0.163 [0.175]	0.158 [0.128]	0.0920 U [0.135]	0.501 [0.648]
PCB-179	52663-64-6	ng/L	0.432 [0.446]	0.35 [0.33]	0.315 [0.364]	0.579 [0.570]	0.281 [0.288]	0.263 [0.228]	0.165 UJ [0.236 J]	0.912 [1.17]
PCB-180/193	180-193	ng/L	1.79 [1.91]	1.5 [1.3]	1.22 [1.57]	2.35 [2.39]	1.02 [1.19]	1.15 [0.798]	0.602 U [0.875 U]	3.65 [4.91]
PCB-181	74472-47-2	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-182	60145-23-5	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-183/185	183-185	ng/L	0.610 [0.657]	0.48 [0.44]	0.522 U [0.598 U]	0.777 [0.767]	0.346 [0.409]	0.350 [0.286]	0.219 U [0.312 U]	1.23 J [1.69 J]
PCB-184	74472-48-3	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-186	74472-49-4	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-187	52663-68-0	ng/L	1.23 [1.28]	0.96 [0.87]	0.869 [1.10]	1.59 [1.59]	0.753 [0.803]	0.718 [0.579]	0.399 UJ [0.585 J]	2.51 [3.28]
PCB-188	74487-85-7	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-189	39635-31-9	ng/L	0.0328 [0.0339]	0.026 [0.024 U]	0.261 U [0.299 U]	0.0334 [0.0379]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0685 [0.0933]
PCB-190	41411-64-7	ng/L	0.173 [0.185]	0.14 [0.12]	0.261 U [0.299 U]	0.225 [0.229]	0.0981 [0.115]	0.113 [0.0756]	0.0491 [0.0736]	0.350 [0.459]
PCB-191	74472-50-7	ng/L	0.0304 [0.0301]	0.024 [0.024 U]	0.261 U [0.299 U]	0.0403 [0.0380]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0626 [0.0842]
PCB-192	74472-51-8	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.261 U [0.299 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-194	35694-08-7	ng/L	0.402 [0.428]	0.32 [0.28]	0.392 U [0.448 U]	0.442 [0.512]	0.237 [0.254]	0.278 [0.171]	0.122 U [0.139 U]	0.864 J [1.19 J]
PCB-195	52663-78-2	ng/L	0.188 [0.192]	0.15 [0.13]	0.392 U [0.448 U]	0.203 [0.240]	0.110 [0.123]	0.130 [0.0878]	0.0439 [0.0476]	0.430 [0.553]
PCB-196	42740-50-1	ng/L	0.214 [0.226]	0.17 [0.15]	0.392 U [0.448 U]	0.244 [0.279]	0.129 [0.138]	0.144 [0.0966]	0.0762 U [0.0773 U]	0.484 [0.652]
PCB-197/200	197-200	ng/L	0.0770 [0.0816]	0.061 [0.059]	0.783 U [0.897 U]	0.0857 [0.0956]	0.0489 U [0.0495]	0.0504 [0.0912 U]	0.0387 U [0.0443 U]	0.183 [0.232]
PCB-198/199	198-199	ng/L	0.520 [0.506]	0.36 [0.33]	0.783 U [0.897 U]	0.505 [0.562]	0.259 [0.265]	0.251 [0.200]	0.143 [0.159]	0.993 [1.24]
PCB-201	40186-71-8	ng/L	0.0564 [0.0589]	0.043 [0.040]	0.392 U [0.448 U]	0.0607 [0.0702]	0.0325 [0.0359]	0.0344 [0.0456 U]	0.0219 [0.0242]	0.124 J [0.168 J]
PCB-202	2136-99-4	ng/L	0.0943 [0.101]	0.069 [0.066]	0.392 U [0.448 U]	0.101 [0.109]	0.0554 [0.0574]	0.0556 [0.0456 U]	0.0345 [0.0374]	0.182 [0.242]
PCB-203	52663-76-0	ng/L	0.279 [0.292]	0.22 [0.20]	0.392 U [0.448 U]	0.304 [0.350]	0.166 [0.177]	0.185 [0.124]	0.0929 U [0.0980 U]	0.663 J [0.900 J]
PCB-204	74472-52-9	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.392 U [0.448 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0216 U [0.0209 U]
PCB-205	74472-53-0	ng/L	0.0256 [0.0279]	0.022 U [0.024 U]	0.392 U [0.448 U]	0.0266 [0.0298]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0527 [0.0716]
PCB-206	40186-72-9	ng/L	0.0986 [0.105]	0.080 [0.074]	0.392 U [0.448 U]	0.105 [0.128]	0.0579 [0.0614]	0.0664 [0.0462]	0.0349 [0.0400]	0.240 [0.307]
PCB-207	52663-79-3	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.392 U [0.448 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0344 [0.0401]
PCB-208	52663-77-1	ng/L	0.0219 U [0.0220]	0.022 U [0.024 U]	0.392 U [0.448 U]	0.0223 U [0.0240]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0499 [0.0568]
PCB-209	2051-24-3	ng/L	0.0219 U [0.0215 U]	0.022 U [0.024 U]	0.392 U [0.448 U]	0.0223 U [0.0206 U]	0.0244 U [0.0222 U]	0.0212 U [0.0456 U]	0.0194 U [0.0222 U]	0.0221 [0.0209 U]
Total PCBs as Congeners	ARC-TCongeners	ng/L	33.3 [34.6]	28.1 [28.0]	18.1 [20.1]	50.5 [48.3]	20.9 [23.0]	21.1 [15.7]	9.13 [9.76 J]	66.8 J [77.4 J]

Location:			RISING POND DAM AUTO	RISING POND DAM AUTO	RISING POND DAM AUTO	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE
Sample Date:			08/14/24	09/18/24	10/09/24	01/24/24	02/14/24	03/13/24	04/10/24	05/15/24	06/25/24	07/24/24	08/13/24
PCB CONGENERS BY HRMS (EPA 1668C)													
PCB-1	2051-60-7	ng/L	0.0350	0.0214 U	0.0226 U	0.0667	0.0518	0.0332	0.0405	0.0235 U	0.023 U	0.133 U	0.0250
PCB-2	2051-61-8	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.133 U	0.0196 U
PCB-3	2051-62-9	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.133 U	0.0196 U
PCB-4	13029-08-8	ng/L	1.27	0.326	0.332	0.816	0.786	0.477	0.592	0.257	0.17 U	0.133 U	0.678
PCB-5	16605-91-7	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 UX	0.0233 U	0.0235 U	0.023 U	0.133 U	0.0196 U
PCB-6	25569-80-6	ng/L	0.0382	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.133 U	0.0217
PCB-7	33284-50-3	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.133 U	0.0196 U
PCB-8	34883-43-7	ng/L	0.0641 U	0.0245	0.0226 U	0.0340 U	0.0379	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.133 U	0.0432 U
PCB-9	34883-39-1	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.133 U	0.0196 U
PCB-10	33146-45-1	ng/L	0.0561	0.0214 U	0.0226 U	0.0249 U	0.0268	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.133 U	0.0274
PCB-11	2050-67-1	ng/L	0.214 U	0.210 U	0.221 U	0.244 U	0.236 U	0.228 U	0.228 U	0.230 U	0.23 U	1.31 U	0.192 U
PCB-12/13	12-13	ng/L	0.0436 U	0.0429 U	0.0452 U	0.0499 U	0.0481 U	0.0466 U	0.0466 U	0.0469 U	0.046 U	0.267 U	0.0392 U
PCB-14	34883-41-5	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.133 U	0.0196 U
PCB-15	2050-68-2	ng/L	0.198	0.0787	0.0579	0.0329 U	0.0415	0.0356	0.0314	0.0310 U	0.030 U	0.176 U	0.0769
PCB-16	38444-78-9	ng/L	0.0424	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.133 U	0.0231
PCB-17	37680-66-3	ng/L	0.277	0.0888	0.0629	0.0709	0.0812	0.0733	0.0545	0.0456	0.034	0.133 U	0.117
PCB-18/30	18-30	ng/L	0.203	0.0792	0.0590	0.0529	0.0622	0.0514	0.0466 U	0.0469 U	0.046 U	0.267 U	0.0974
PCB-19	38444-73-4	ng/L	1.34	0.264	0.247	0.342	0.451	0.395	0.343	0.195	0.12	0.133 U	0.679
PCB-20/28	20-28	ng/L	0.319	0.148	0.117 U	0.129 U	0.124 U	0.120 U	0.120 U	0.121 U	0.12 U	0.688 U	0.121
PCB-21/33	21-33	ng/L	0.118 U	0.116 U	0.122 U	0.135 U	0.130 U	0.126 U	0.126 U	0.127 U	0.12 U	0.720 U	0.106 U
PCB-22	38444-85-8	ng/L	0.0828 U	0.0815 U	0.0859 U	0.0947 U	0.0913 U	0.0885 U	0.0886 U	0.0892 U	0.087 U	0.507 U	0.0744 U
PCB-23	55720-44-0	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.133 U	0.0196 U
PCB-24	55702-45-9	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.133 U	0.0196 U
PCB-25	55712-37-3	ng/L	0.149	0.0549	0.0420	0.0259	0.0330	0.0342	0.0253	0.0235 U	0.023 U	0.133 U	0.0520
PCB-26/29	26-29	ng/L	0.166	0.0606	0.0472	0.0499 U	0.0481 U	0.0466 U	0.0466 U	0.0469 U	0.046 U	0.267 U	0.0634
PCB-27	38444-76-7	ng/L	0.208	0.0636	0.0494	0.0548	0.0667	0.0576	0.0492	0.0352	0.025	0.133 U	0.0876
PCB-31	16606-02-3	ng/L	0.178	0.112 U	0.118 U	0.130 U	0.125 U	0.121 U	0.121 U	0.122 U	0.12 U	0.693 U	0.102 U
PCB-32	38444-77-8	ng/L	0.273	0.0585	0.0460	0.0795	0.0905	0.0931	0.0669	0.0355	0.023 U	0.133 U	0.104
PCB-34	37680-68-5	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.133 U	0.0196 U
PCB-35	37680-69-6	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.133 U	0.0196 U
PCB-36	38444-87-0	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.133 U	0.0196 U
PCB-37	38444-90-5	ng/L	0.0462 U	0.0455 U	0.0479 U	0.0528 U	0.0509 U	0.0494 U	0.0494 U	0.0497 U	0.049 U	0.283 U	0.0415 U
PCB-38	53555-66-1	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.133 U	0.0196 U
PCB-39	38444-88-1	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.133 U	0.0196 U
PCB-40/41/71	40-41-71	ng/L	0.514	0.205	0.147	0.0805	0.108	0.0977	0.0836	0.0704 U	0.069 U	0.800 U	0.173
PCB-42	36559-22-5	ng/L	0.196	0.0887	0.0675	0.0297	0.0387	0.0384	0.0300	0.0299	0.030	0.267 U	0.0686
PCB-44/47/65	44-47-65	ng/L	3.57	1.69	1.33	0.605	0.703	0.689	0.587	0.429	0.50	0.800 U	1.11
PCB-45/51	45-51	ng/L	1.43	0.436	0.337	0.317	0.364	0.384	0.280	0.168	0.13	0.533 U	0.435
PCB-46	41464-47-5	ng/L	0.104	0.0411	0.0343	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0385
PCB-48	70362-47-9	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-49/69	49-69	ng/L	2.03	0.875	0.682	0.338	0.412	0.406	0.319	0.284	0.29	0.533 U	0.659

Location:			RISING POND DAM AUTO	RISING POND DAM AUTO	RISING POND DAM AUTO	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE
Sample Date:			08/14/24	09/18/24	10/09/24	01/24/24	02/14/24	03/13/24	04/10/24	05/15/24	06/25/24	07/24/24	08/13/24
PCB CONGENERS BY HRMS (EPA 1668C)													
PCB-50/53	50-53	ng/L	1.40	0.503	0.410	0.254	0.292	0.298	0.223	0.191	0.19	0.533 U	0.502
PCB-52	35693-99-3	ng/L	1.32	0.593	0.471	0.274	0.335	0.318	0.249	0.203	0.23	0.821 U	0.494
PCB-54	15968-05-5	ng/L	0.641	0.154	0.128	0.0849	0.130	0.126	0.0865	0.0721	0.048	0.267 U	0.249
PCB-55	74338-24-2	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-56	41464-43-1	ng/L	0.0419	0.0234	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-57	70424-67-8	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-58	41464-49-7	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-59/62/75	59-62-75	ng/L	0.0722	0.0643 U	0.0678 U	0.0748 U	0.0721 U	0.0699 U	0.0699 U	0.0704 U	0.069 U	0.800 U	0.0587 U
PCB-60	33025-41-1	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-61/70/74/76	61-70-74-76	ng/L	0.312	0.169	0.124	0.0997 U	0.139	0.0932	0.0932 U	0.0939 U	0.092 U	1.07 U	0.128
PCB-63	74472-34-7	ng/L	0.0291	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-64	52663-58-8	ng/L	0.0824	0.0442	0.0335	0.0249 U	0.0250	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0343
PCB-66	32598-10-0	ng/L	0.358	0.197	0.143	0.0597	0.0860	0.0761	0.0695	0.0554 U	0.062	0.448 U	0.123
PCB-67	73575-53-8	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-68	73575-52-7	ng/L	0.0678	0.0397	0.0298	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0211
PCB-72	41464-42-0	ng/L	0.0440	0.0229	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-77	32598-13-3	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-78	70362-49-1	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-79	41464-48-6	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-80	33284-52-5	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-81	70362-50-4	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-82	52663-62-4	ng/L	0.0679	0.0369	0.0228	0.0249 U	0.0325	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0236
PCB-83	60145-20-2	ng/L	0.0868	0.0473	0.0329	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0270
PCB-84	52663-60-2	ng/L	0.222	0.121	0.0819	0.0531	0.0772	0.0567	0.0496	0.0361	0.040	0.267 U	0.0765
PCB-85/116/117	85-116-117	ng/L	0.252	0.140	0.0963	0.0748 U	0.0735	0.0699 U	0.0699 U	0.0704 U	0.069 U	0.800 U	0.0815
PCB-86/87/97/108/119/125	868797108119125	ng/L	0.834	0.466	0.321	0.194	0.264	0.210	0.172	0.141 U	0.14 U	1.60 U	0.271
PCB-88/91	88-91	ng/L	0.799	0.402	0.273	0.124	0.152	0.148	0.131	0.0919	0.11	0.533 U	0.228
PCB-89	73575-57-2	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-90/101/113	90-101-113	ng/L	2.45	1.42	0.981	0.488	0.614	0.577	0.492	0.308	0.40	0.800 U	0.814
PCB-92	52663-61-3	ng/L	0.750	0.414	0.297	0.134	0.160	0.157	0.139	0.0959	0.12	0.267 U	0.240
PCB-93/98/100/102	9398100102	ng/L	0.584	0.285	0.199	0.103	0.111	0.122	0.100	0.0939 U	0.092 U	1.07 U	0.156
PCB-94	73575-55-0	ng/L	0.151	0.0737	0.0550	0.0249 U	0.0282	0.0269	0.0235	0.0235 U	0.023 U	0.267 U	0.0420
PCB-95	38379-99-6	ng/L	1.55	0.830	0.590	0.336 U	0.403	0.405	0.335	0.223	0.28 U	0.507 U	0.558
PCB-96	73575-54-9	ng/L	0.0754	0.0356	0.0229	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0218
PCB-99	38380-01-7	ng/L	1.17	0.649	0.468	0.216	0.264	0.244	0.214	0.136	0.17	0.267 U	0.354
PCB-103	60145-21-3	ng/L	0.205	0.106	0.0774	0.0363	0.0398	0.0436	0.0365	0.0241	0.029	0.267 U	0.0598
PCB-104	56558-16-8	ng/L	0.0963	0.0255	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0211
PCB-105	32598-14-4	ng/L	0.168	0.108	0.0703	0.0936	0.117	0.0637	0.0553	0.0414	0.027	0.267 U	0.0547
PCB-106	70424-69-0	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-107/124	107-124	ng/L	0.0436 U	0.0429 U	0.0452 U	0.0499 U	0.0481 U	0.0466 U	0.0466 U	0.0469 U	0.046 U	0.533 U	0.0392 U
PCB-109	74472-35-8	ng/L	0.111	0.0632	0.0437	0.0249 U	0.0292	0.0259	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0334

Location:			RISING POND DAM AUTO	RISING POND DAM AUTO	RISING POND DAM AUTO	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE
Sample Date:			08/14/24	09/18/24	10/09/24	01/24/24	02/14/24	03/13/24	04/10/24	05/15/24	06/25/24	07/24/24	08/13/24
PCB CONGENERS BY HRMS (EPA 1668C)													
PCB-110/115	110-115	ng/L	1.78	1.01	0.619	0.403	0.564	0.429	0.371	0.258	0.28 U	0.533 U	0.613
PCB-111	39635-32-0	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-112	74472-36-9	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-114	74472-37-0	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-118	31508-00-6	ng/L	0.769	0.476	0.305	0.247	0.318	0.219	0.205	0.128	0.11	0.341 U	0.244
PCB-120	68194-12-7	ng/L	0.0344	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-121	56558-18-0	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-122	76842-07-4	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-123	65510-44-3	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-126	57465-28-8	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-127	39635-33-1	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-128/166	128-166	ng/L	0.358	0.226	0.136	0.0956	0.107	0.0995	0.0822	0.0590	0.046 U	0.533 U	0.107
PCB-129/138/163	129-138-163	ng/L	6.20	3.29	2.29	1.14	1.20	1.26	1.10	0.619	0.64	0.800 U	1.70
PCB-130	52663-66-8	ng/L	0.312	0.178	0.120	0.0573	0.0607	0.0604	0.0554	0.0293	0.038	0.267 U	0.0845
PCB-131	61798-70-7	ng/L	0.0293	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-132	38380-05-1	ng/L	1.43	0.815	0.514	0.291	0.308	0.313	0.277	0.143	0.16	0.267 U	0.411
PCB-133	35694-04-3	ng/L	0.154	0.0918	0.0656	0.0285	0.0258	0.0322	0.0298	0.0235 U	0.023 U	0.267 U	0.0433
PCB-134/143	134-143	ng/L	0.246	0.119	0.0824	0.0499 U	0.0505	0.0560	0.0466 U	0.0469 U	0.046 U	0.533 U	0.0684
PCB-135/151	135-151	ng/L	2.89	1.69	0.996	0.515	0.533	0.600	0.523	0.340	0.36	0.533 U	0.834
PCB-136	38411-22-2	ng/L	0.752	0.420	0.271	0.138	0.157	0.163	0.140	0.0885	0.097	0.267 U	0.221
PCB-137	35694-06-5	ng/L	0.0970	0.0584	0.0459	0.0273	0.0260	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0224
PCB-139/140	139-140	ng/L	0.0673	0.0429 U	0.0452 U	0.0499 U	0.0481 U	0.0466 U	0.0466 U	0.0469 U	0.046 U	0.533 U	0.0392 U
PCB-141	52712-04-6	ng/L	1.16	0.632	0.415	0.211	0.221	0.258	0.223	0.101	0.12	0.267 U	0.332
PCB-142	41411-61-4	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-144	68194-14-9	ng/L	0.250	0.153	0.0918	0.0479	0.0526	0.0568	0.0487	0.0290	0.029	0.267 U	0.0778
PCB-145	74472-40-5	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-146	51908-16-8	ng/L	1.21	0.701	0.479	0.224	0.210	0.247	0.219	0.125	0.14	0.267 U	0.332
PCB-147/149	147-149	ng/L	5.69	3.15	2.22	1.04	1.10	1.20	1.08	0.533	0.68	0.554	1.63
PCB-148	74472-41-6	ng/L	0.0442	0.0271	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-150	68194-08-1	ng/L	0.0479	0.0255	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-152	68194-09-2	ng/L	0.0327	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-153/168	153-168	ng/L	6.14	3.61	2.46	1.17	1.15	1.29	1.16	0.582	0.70	0.566	1.76
PCB-154	60145-22-4	ng/L	0.190	0.110	0.0670	0.0300	0.0312	0.0359	0.0323	0.0235 U	0.023 U	0.267 U	0.0477
PCB-155	33979-03-2	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-156/157	156-157	ng/L	0.238	0.153	0.0991	0.0731	0.0743	0.0635	0.0594	0.0469 U	0.046 U	0.533 U	0.0721
PCB-158	74472-42-7	ng/L	0.392	0.206	0.146	0.0791	0.0869	0.0837	0.0752	0.0397	0.040	0.267 U	0.109
PCB-159	39635-35-3	ng/L	0.0588	0.0226	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-160	41411-62-5	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-161	74472-43-8	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-162	39635-34-2	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-164	74472-45-0	ng/L	0.413	0.214	0.141	0.0753	0.0864	0.0862	0.0753	0.0408	0.046	0.267 U	0.118

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			RISING POND DAM AUTO	RISING POND DAM AUTO	RISING POND DAM AUTO	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE
Sample Date:			08/14/24	09/18/24	10/09/24	01/24/24	02/14/24	03/13/24	04/10/24	05/15/24	06/25/24	07/24/24	08/13/24
PCB CONGENERS BY HRMS (EPA 1668C)													
PCB-165	74472-46-1	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-167	52663-72-6	ng/L	0.153	0.0979	0.0630	0.0387	0.0345	0.0364	0.0374	0.0235 U	0.023 U	0.267 U	0.0446
PCB-169	32774-16-6	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-170	35065-30-6	ng/L	2.19	1.12	0.684	0.374	0.337	0.417	0.384	0.180	0.19	0.267 U	0.512
PCB-171/173	171-173	ng/L	0.667	0.344	0.227	0.122	0.108	0.131	0.121	0.0564	0.063	0.533 U	0.163
PCB-172	52663-74-8	ng/L	0.436	0.228	0.156	0.0787	0.0668	0.0861	0.0834	0.0396	0.044	0.267 U	0.108
PCB-174	38411-25-5	ng/L	2.49	1.29	0.845	0.444	0.419	0.479	0.441	0.197	0.25	0.267 U	0.629
PCB-175	40186-70-7	ng/L	0.0935	0.0533	0.0322	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0241
PCB-176	52663-65-7	ng/L	0.295	0.173	0.102	0.0537	0.0511	0.0581	0.0568	0.0302	0.030	0.267 U	0.0759
PCB-177	52663-70-4	ng/L	1.57	0.844	0.548	0.272	0.245	0.316	0.297	0.134	0.16	0.267 U	0.382
PCB-178	52663-67-9	ng/L	0.650	0.361	0.238	0.108	0.102	0.121	0.119	0.0648	0.073	0.267 U	0.162
PCB-179	52663-64-6	ng/L	1.11	0.629	0.394	0.203	0.187	0.222	0.214	0.109	0.12	0.267 U	0.282
PCB-180/193	180-193	ng/L	4.98	2.53	1.71	0.896	0.830	0.980	0.936	0.428	0.45	0.533 U	1.20
PCB-181	74472-47-2	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-182	60145-23-5	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-183/185	183-185	ng/L	1.60	0.823	0.526	0.278	0.261	0.323	0.297	0.134	0.15	0.533 U	0.394
PCB-184	74472-48-3	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-186	74472-49-4	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-187	52663-68-0	ng/L	3.23	1.75	1.11	0.549	0.506	0.614	0.565	0.331	0.33	0.292	0.803
PCB-188	74487-85-7	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-189	39635-31-9	ng/L	0.0712	0.0462	0.0303	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0206
PCB-190	41411-64-7	ng/L	0.491	0.251	0.157	0.0860	0.0767	0.0975	0.0898	0.0426	0.043	0.267 U	0.116
PCB-191	74472-50-7	ng/L	0.0829	0.0424	0.0284	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0202
PCB-192	74472-51-8	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.267 U	0.0196 U
PCB-194	35694-08-7	ng/L	0.970	0.639	0.444	0.194	0.168	0.204	0.205	0.0882	0.10	0.400 U	0.234
PCB-195	52663-78-2	ng/L	0.453	0.285	0.202	0.0859	0.0769	0.101	0.0933	0.0443	0.048	0.400 U	0.109
PCB-196	42740-50-1	ng/L	0.522	0.323	0.219	0.0978	0.0872	0.104	0.102	0.0515	0.057	0.400 U	0.129
PCB-197/200	197-200	ng/L	0.182	0.112	0.0760	0.0499 U	0.0481 U	0.0466 U	0.0466 U	0.0469 U	0.046 U	0.800 U	0.0459
PCB-198/199	198-199	ng/L	1.11	0.667	0.387	0.220	0.194	0.240	0.205	0.128	0.13	0.800 U	0.267
PCB-201	40186-71-8	ng/L	0.131	0.0797	0.0530	0.0255	0.0240 U	0.0255	0.0263	0.0235 U	0.023 U	0.400 U	0.0320
PCB-202	2136-99-4	ng/L	0.208	0.130	0.0827	0.0409	0.0361	0.0445	0.0463	0.0235 U	0.024	0.400 U	0.0519
PCB-203	52663-76-0	ng/L	0.668	0.419	0.272	0.131	0.119	0.143	0.136	0.0691	0.072	0.400 U	0.164
PCB-204	74472-52-9	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.400 U	0.0196 U
PCB-205	74472-53-0	ng/L	0.0549	0.0378	0.0263	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.400 U	0.0196 U
PCB-206	40186-72-9	ng/L	0.220	0.155	0.0910	0.0504	0.0441	0.0505	0.0489	0.0237	0.028	0.400 U	0.0567
PCB-207	52663-79-3	ng/L	0.0303	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.400 U	0.0196 U
PCB-208	52663-77-1	ng/L	0.0425	0.0291	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.400 U	0.0196 U
PCB-209	2051-24-3	ng/L	0.0218 U	0.0214 U	0.0226 U	0.0249 U	0.0240 U	0.0233 U	0.0233 U	0.0235 U	0.023 U	0.400 U	0.0196 U
Total PCBs as Congeners	ARC-TCongeners	ng/L	82.2	42.4	28.8	15.2	17.0	17.2	15.1	8.17	8.08	1.41	24.1

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM
Sample Date:			09/17/24	10/08/24	11/13/24	12/11/24	01/23/24	02/14/24	03/13/24	04/10/24	05/14/24	06/25/24	07/24/24	08/13/24
PCB CONGENERS BY HRMS (EPA 1668C)														
PCB-1	2051-60-7	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0381	0.0317	0.0292	0.0246	0.0215 U	0.023 U	0.138 U	0.0222 U
PCB-2	2051-61-8	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.138 U	0.0222 U
PCB-3	2051-62-9	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.138 U	0.0222 U
PCB-4	13029-08-8	ng/L	0.091	0.0976	0.251	0.567	0.465	0.448	0.401	0.348	0.179	0.087 U	0.138 U	0.626
PCB-5	16605-91-7	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.138 U	0.0222 U
PCB-6	25569-80-6	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.138 U	0.0222 U
PCB-7	33284-50-3	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.138 U	0.0222 U
PCB-8	34883-43-7	ng/L	0.021	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0219	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.138 U	0.0293 U
PCB-9	34883-39-1	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.138 U	0.0222 U
PCB-10	33146-45-1	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.138 U	0.0251
PCB-11	2050-67-1	ng/L	0.19 U	0.227 U	0.309 U	0.226 U	0.230 U	0.204 U	0.240 U	0.228 U	0.210 U	0.23 U	1.36 U	0.218 U
PCB-12/13	12-13	ng/L	0.038 U	0.0463 U	0.0631 U	0.0461 U	0.0470 U	0.0416 U	0.0489 U	0.0465 U	0.0429 U	0.047 U	0.277 U	0.0445 U
PCB-14	34883-41-5	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.138 U	0.0222 U
PCB-15	2050-68-2	ng/L	0.026	0.0305 U	0.0417 U	0.0304 U	0.0310 U	0.0275 U	0.0323 U	0.0307 U	0.0283 U	0.031 U	0.183 U	0.0461
PCB-16	38444-78-9	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.138 U	0.0222 U
PCB-17	37680-66-3	ng/L	0.025	0.0231 U	0.0324	0.0487	0.0433	0.0534	0.0616	0.0341	0.0350	0.023 U	0.138 U	0.0955
PCB-18/30	18-30	ng/L	0.038 U	0.0463 U	0.0631 U	0.0463	0.0470 U	0.0416 U	0.0489 U	0.0465 U	0.0429 U	0.047 U	0.277 U	0.0771
PCB-19	38444-73-4	ng/L	0.072	0.0570	0.130	0.248	0.213	0.247	0.324	0.200	0.143	0.069	0.138 U	0.568
PCB-20/28	20-28	ng/L	0.098 U	0.119 U	0.163 U	0.119 U	0.121 U	0.107 U	0.126 U	0.120 U	0.111 U	0.12 U	0.714 U	0.115 U
PCB-21/33	21-33	ng/L	0.10 U	0.125 U	0.170 U	0.124 U	0.127 U	0.112 U	0.132 U	0.125 U	0.116 U	0.13 U	0.748 U	0.120 U
PCB-22	38444-85-8	ng/L	0.073 U	0.0879 U	0.120 U	0.0876 U	0.0892 U	0.0791 U	0.0930 U	0.0883 U	0.0816 U	0.089 U	0.526 U	0.0845 U
PCB-23	55720-44-0	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.138 U	0.0222 U
PCB-24	55702-45-9	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.138 U	0.0222 U
PCB-25	55712-37-3	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0219	0.0310	0.0232 U	0.0215 U	0.023 U	0.138 U	0.0387
PCB-26/29	26-29	ng/L	0.038 U	0.0463 U	0.0631 U	0.0461 U	0.0470 U	0.0416 U	0.0489 U	0.0465 U	0.0429 U	0.047 U	0.277 U	0.0471
PCB-27	38444-76-7	ng/L	0.019 U	0.0231 U	0.0316 U	0.0382	0.0348	0.0436	0.0454	0.0325	0.0271	0.023 U	0.138 U	0.0701
PCB-31	16606-02-3	ng/L	0.099 U	0.120 U	0.164 U	0.120 U	0.122 U	0.108 U	0.127 U	0.121 U	0.112 U	0.12 U	0.720 U	0.116 U
PCB-32	38444-77-8	ng/L	0.019 U	0.0231 U	0.0316 U	0.0333	0.0469	0.0592	0.0761	0.0416	0.0215 U	0.023 U	0.138 U	0.0875
PCB-34	37680-68-5	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.138 U	0.0222 U
PCB-35	37680-69-6	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.138 U	0.0222 U
PCB-36	38444-87-0	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.138 U	0.0222 U
PCB-37	38444-90-5	ng/L	0.040 U	0.0491 U	0.0669 U	0.0489 U	0.0498 U	0.0441 U	0.0519 U	0.0493 U	0.0455 U	0.050 U	0.293 U	0.0472 U
PCB-38	53555-66-1	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.138 U	0.0222 U
PCB-39	38444-88-1	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.138 U	0.0222 U
PCB-40/41/71	40-41-71	ng/L	0.057 U	0.0694 U	0.0947 U	0.0692 U	0.0704 U	0.0711	0.0854	0.0697 U	0.0644 U	0.070 U	0.831 U	0.129
PCB-42	36559-22-5	ng/L	0.020	0.0231 U	0.0316 U	0.0271	0.0235 U	0.0252	0.0341	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0497
PCB-44/47/65	44-47-65	ng/L	0.27	0.237	0.211	0.382	0.346	0.503	0.625	0.360	0.322	0.38	0.831 U	0.832
PCB-45/51	45-51	ng/L	0.052	0.0463 U	0.0631 U	0.160	0.191	0.264	0.319	0.179	0.119	0.061	0.554 U	0.359
PCB-46	41464-47-5	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0324
PCB-48	70362-47-9	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-49/69	49-69	ng/L	0.16	0.144	0.141	0.247	0.203	0.291	0.367	0.205	0.211	0.21	0.554 U	0.515

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM
Sample Date:			09/17/24	10/08/24	11/13/24	12/11/24	01/23/24	02/14/24	03/13/24	04/10/24	05/14/24	06/25/24	07/24/24	08/13/24
PCB CONGENERS BY HRMS (EPA 1668C)														
PCB-50/53	50-53	ng/L	0.086	0.0731	0.0979	0.217	0.157	0.217	0.256	0.151	0.145	0.13	0.554 U	0.419
PCB-52	35693-99-3	ng/L	0.15	0.138	0.163 U	0.216	0.165	0.218	0.270	0.164	0.151	0.17	0.853 U	0.382
PCB-54	15968-05-5	ng/L	0.037	0.0231 U	0.0336	0.0590	0.0531	0.0671	0.107	0.0526	0.0503	0.034	0.277 U	0.194
PCB-55	74338-24-2	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-56	41464-43-1	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-57	70424-67-8	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-58	41464-49-7	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-59/62/75	59-62-75	ng/L	0.057 U	0.0694 U	0.0947 U	0.0692 U	0.0704 U	0.0625 U	0.0734 U	0.0697 U	0.0644 U	0.070 U	0.831 U	0.0667 U
PCB-60	33025-41-1	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-61/70/74/76	61-70-74-76	ng/L	0.076 U	0.0926 U	0.126 U	0.0978	0.0939 U	0.0833 U	0.0979 U	0.0929 U	0.0859 U	0.094 U	1.11 U	0.0890 U
PCB-63	74472-34-7	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-64	52663-58-8	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0243
PCB-66	32598-10-0	ng/L	0.046	0.0546 U	0.0745 U	0.0600	0.0554 U	0.0491 U	0.0667	0.0548 U	0.0507 U	0.055 U	0.465 U	0.0818
PCB-67	73575-53-8	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-68	73575-52-7	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-72	41464-42-0	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-77	32598-13-3	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-78	70362-49-1	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-79	41464-48-6	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-80	33284-52-5	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-81	70362-50-4	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-82	52663-62-4	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-83	60145-20-2	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-84	52663-60-2	ng/L	0.028	0.0279	0.0316 U	0.0482	0.0250	0.0359	0.0519	0.0285	0.0240	0.030	0.277 U	0.0549
PCB-85/116/117	85-116-117	ng/L	0.057 U	0.0694 U	0.0947 U	0.0692 U	0.0704 U	0.0625 U	0.0734 U	0.0697 U	0.0644 U	0.070 U	0.831 U	0.0667 U
PCB-86/87/97/108/119/125	868797108119125	ng/L	0.11 U	0.139 U	0.189 U	0.151	0.141 U	0.125 U	0.179	0.139 U	0.129 U	0.14 U	1.66 U	0.183
PCB-88/91	88-91	ng/L	0.056	0.0491	0.0631 U	0.0773	0.0640	0.103	0.139	0.0796	0.0725	0.082	0.554 U	0.170
PCB-89	73575-57-2	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-90/101/113	90-101-113	ng/L	0.26	0.295	0.220 U	0.327	0.240 U	0.358	0.538	0.284	0.240	0.31 U	0.831 U	0.527
PCB-92	52663-61-3	ng/L	0.078	0.0758	0.0595	0.0899	0.0687	0.103	0.152	0.0851	0.0729	0.097	0.277 U	0.174
PCB-93/98/100/102	9398100102	ng/L	0.076 U	0.0926 U	0.126 U	0.0922 U	0.0939 U	0.0833 U	0.113	0.0929 U	0.0859 U	0.094 U	1.11 U	0.118
PCB-94	73575-55-0	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0326
PCB-95	38379-99-6	ng/L	0.18	0.204	0.184 U	0.233 U	0.180 U	0.259	0.361	0.203	0.170	0.22 U	0.526 U	0.388
PCB-96	73575-54-9	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-99	38380-01-7	ng/L	0.11	0.102	0.0699 U	0.142	0.104 U	0.147	0.230	0.129	0.107	0.14 U	0.277 U	0.254
PCB-103	60145-21-3	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0302	0.0408	0.0232 U	0.0215 U	0.024	0.277 U	0.0472
PCB-104	56558-16-8	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-105	32598-14-4	ng/L	0.028	0.0259	0.0316 U	0.0642	0.0235 U	0.0292	0.0534	0.0288	0.0215 U	0.023 U	0.277 U	0.0395
PCB-106	70424-69-0	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-107/124	107-124	ng/L	0.038 U	0.0463 U	0.0631 U	0.0461 U	0.0470 U	0.0416 U	0.0489 U	0.0465 U	0.0429 U	0.047 U	0.554 U	0.0445 U
PCB-109	74472-35-8	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0237

Location:			RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM
Sample Date:			**09/17/24**	**10/08/24**	**11/13/24**	**12/11/24**	**01/23/24**	**02/14/24**	**03/13/24**	**04/10/24**	**05/14/24**	**06/25/24**	**07/24/24**	**08/13/24**
PCB CONGENERS BY HRMS (EPA 1668C)														
PCB-110/115	110-115	ng/L	0.20 U	0.199	0.158 U	0.287	0.171 U	0.257	0.394	0.213	0.190	0.21 U	0.554 U	0.407
PCB-111	39635-32-0	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-112	74472-36-9	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-114	74472-37-0	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-118	31508-00-6	ng/L	0.096	0.0896	0.0698 U	0.158	0.0764 U	0.113	0.196	0.107	0.0813	0.087	0.354 U	0.150
PCB-120	68194-12-7	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-121	56558-18-0	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-122	76842-07-4	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-123	65510-44-3	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-126	57465-28-8	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-127	39635-33-1	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-128/166	128-166	ng/L	0.038 U	0.0463 U	0.0631 U	0.0461 U	0.0470 U	0.0484	0.0907	0.0473	0.0429 U	0.047 U	0.554 U	0.0689
PCB-129/138/163	129-138-163	ng/L	0.48	0.541	0.321 U	0.548	0.453	0.700	1.38	0.639	0.545	0.50	0.831 U	1.12
PCB-130	52663-66-8	ng/L	0.030	0.0264	0.0316 U	0.0309	0.0235 U	0.0332	0.0658	0.0334	0.0278	0.031	0.277 U	0.0573
PCB-131	61798-70-7	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-132	38380-05-1	ng/L	0.12	0.140	0.0871 U	0.152	0.116	0.180	0.332	0.156	0.124	0.13	0.277 U	0.271
PCB-133	35694-04-3	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0343	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0308
PCB-134/143	134-143	ng/L	0.038 U	0.0463 U	0.0631 U	0.0461 U	0.0470 U	0.0416 U	0.0568	0.0465 U	0.0429 U	0.047 U	0.554 U	0.0458
PCB-135/151	135-151	ng/L	0.25	0.321	0.176 U	0.278	0.238	0.365	0.624	0.310	0.302	0.29	0.554 U	0.585
PCB-136	38411-22-2	ng/L	0.059	0.0873	0.0501 U	0.0762	0.0651	0.107	0.166	0.0846	0.0716	0.077	0.277 U	0.155
PCB-137	35694-06-5	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-139/140	139-140	ng/L	0.038 U	0.0463 U	0.0631 U	0.0461 U	0.0470 U	0.0416 U	0.0489 U	0.0465 U	0.0429 U	0.047 U	0.554 U	0.0445 U
PCB-141	52712-04-6	ng/L	0.089	0.125	0.0688 U	0.107	0.0886	0.141	0.270	0.129	0.0946	0.094	0.277 U	0.206
PCB-142	41411-61-4	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-144	68194-14-9	ng/L	0.020	0.0334	0.0316 U	0.0269	0.0235 U	0.0323	0.0593	0.0291	0.0272	0.024	0.277 U	0.0484
PCB-145	74472-40-5	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-146	51908-16-8	ng/L	0.11	0.104	0.0611	0.114	0.0986	0.141	0.275	0.132	0.112	0.12	0.277 U	0.231
PCB-147/149	147-149	ng/L	0.46	0.555	0.344 U	0.526	0.460	0.724	1.27	0.624	0.480	0.55 U	0.554 U	1.12
PCB-148	74472-41-6	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-150	68194-08-1	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-152	68194-09-2	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-153/168	153-168	ng/L	0.52	0.603	0.351 U	0.560	0.480	0.725	1.40	0.668	0.531	0.56	0.554 U	1.17
PCB-154	60145-22-4	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0211	0.0364	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0358
PCB-155	33979-03-2	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-156/157	156-157	ng/L	0.038 U	0.0463 U	0.0631 U	0.0461 U	0.0470 U	0.0416 U	0.0662	0.0465 U	0.0429 U	0.047 U	0.554 U	0.0448
PCB-158	74472-42-7	ng/L	0.031	0.0389	0.0316 U	0.0380	0.0299	0.0469	0.0900	0.0431	0.0324	0.031	0.277 U	0.0683
PCB-159	39635-35-3	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-160	41411-62-5	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-161	74472-43-8	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-162	39635-34-2	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-164	74472-45-0	ng/L	0.033	0.0408	0.0316 U	0.0400	0.0307	0.0516	0.0926	0.0438	0.0387	0.034	0.277 U	0.0811

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	RANNAPO RD BRIDGE	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM
Sample Date:			09/17/24	10/08/24	11/13/24	12/11/24	01/23/24	02/14/24	03/13/24	04/10/24	05/14/24	06/25/24	07/24/24	08/13/24
PCB CONGENERS BY HRMS (EPA 1668C)														
PCB-165	74472-46-1	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-167	52663-72-6	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0407	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0295
PCB-169	32774-16-6	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-170	35065-30-6	ng/L	0.14	0.175	0.0949 U	0.164	0.143	0.221	0.493	0.215	0.167	0.15	0.277 U	0.340
PCB-171/173	171-173	ng/L	0.045	0.0598	0.0631 U	0.0534	0.0470	0.0696	0.156	0.0676	0.0529	0.048	0.554 U	0.108
PCB-172	52663-74-8	ng/L	0.032	0.0389	0.0316 U	0.0372	0.0311	0.0470	0.103	0.0487	0.0358	0.034	0.277 U	0.0720
PCB-174	38411-25-5	ng/L	0.17	0.248	0.124 U	0.206	0.181	0.284	0.570	0.256	0.189	0.19	0.277 U	0.418
PCB-175	40186-70-7	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-176	52663-65-7	ng/L	0.020	0.0302	0.0316 U	0.0279	0.0235 U	0.0358	0.0664	0.0322	0.0281	0.025	0.277 U	0.0519
PCB-177	52663-70-4	ng/L	0.11	0.140	0.0772 U	0.135	0.109	0.167	0.370	0.168	0.127	0.12	0.277 U	0.266
PCB-178	52663-67-9	ng/L	0.050	0.0640	0.0340 U	0.0588	0.0450	0.0704	0.144	0.0705	0.0618	0.056	0.277 U	0.115
PCB-179	52663-64-6	ng/L	0.075	0.113	0.0570 U	0.101	0.0843	0.133	0.253	0.126	0.104	0.096	0.277 U	0.200
PCB-180/193	180-193	ng/L	0.33	0.460	0.236 U	0.394	0.348	0.552	1.16	0.524	0.398	0.34	0.554 U	0.791
PCB-181	74472-47-2	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-182	60145-23-5	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-183/185	183-185	ng/L	0.11	0.157	0.0901 U	0.141	0.107	0.180	0.376	0.170	0.125	0.12	0.554 U	0.260
PCB-184	74472-48-3	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-186	74472-49-4	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-187	52663-68-0	ng/L	0.23	0.314	0.160 U	0.261	0.229	0.354	0.727	0.337	0.324	0.27	0.277 U	0.556
PCB-188	74487-85-7	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-189	39635-31-9	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-190	41411-64-7	ng/L	0.035	0.0412	0.0316 U	0.0375	0.0319	0.0516	0.115	0.0510	0.0385	0.034	0.277 U	0.0774
PCB-191	74472-50-7	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-192	74472-51-8	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.277 U	0.0222 U
PCB-194	35694-08-7	ng/L	0.056	0.0912	0.0526 U	0.0882	0.0728	0.112	0.260	0.115	0.0810	0.085	0.415 U	0.163
PCB-195	52663-78-2	ng/L	0.029	0.0452	0.0316 U	0.0415	0.0328	0.0515	0.128	0.0545	0.0378	0.040	0.415 U	0.0779
PCB-196	42740-50-1	ng/L	0.031	0.0589	0.0316 U	0.0519	0.0370	0.0585	0.130	0.0608	0.0498	0.044	0.415 U	0.0903
PCB-197/200	197-200	ng/L	0.038 U	0.0463 U	0.0631 U	0.0461 U	0.0470 U	0.0416 U	0.0496	0.0465 U	0.0429 U	0.047 U	0.831 U	0.0445 U
PCB-198/199	198-199	ng/L	0.065	0.0958	0.0631 U	0.0984	0.0890	0.134	0.300	0.131	0.117	0.10	0.831 U	0.196
PCB-201	40186-71-8	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0345	0.0232 U	0.0215 U	0.023 U	0.415 U	0.0234
PCB-202	2136-99-4	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0258	0.0572	0.0266	0.0215 U	0.023 U	0.415 U	0.0376
PCB-203	52663-76-0	ng/L	0.043	0.0716	0.0360 U	0.0611	0.0507	0.0779	0.169	0.0790	0.0654	0.057	0.415 U	0.114
PCB-204	74472-52-9	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.415 U	0.0222 U
PCB-205	74472-53-0	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.415 U	0.0222 U
PCB-206	40186-72-9	ng/L	0.019 U	0.0261	0.0316 U	0.0265	0.0235 U	0.0284	0.0627	0.0301	0.0222	0.023 U	0.415 U	0.0435
PCB-207	52663-79-3	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.415 U	0.0222 U
PCB-208	52663-77-1	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.415 U	0.0222 U
PCB-209	2051-24-3	ng/L	0.019 U	0.0231 U	0.0316 U	0.0231 U	0.0235 U	0.0208 U	0.0245 U	0.0232 U	0.0215 U	0.023 U	0.415 U	0.0222 U
Total PCBs as Congeners	ARC-TCongeners	ng/L	5.67	6.66	1.02	8.27	5.81	9.99	17.6	8.45	6.75	5.07	1.66 U	16.6

Location:			FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE
Sample Date:			09/17/24	10/08/24	11/13/24	12/11/24	01/23/24	02/14/24	03/12/24	04/10/24	05/14/24	06/25/24	07/24/24	08/13/24	09/17/24
PCB CONGENERS BY HRMS (EPA 1668C)															
PCB-1	2051-60-7	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0356	0.0328	0.0229 U	0.0260	0.0224 U	0.024 U	0.136 U	0.0210 U	0.018 U
PCB-2	2051-61-8	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.136 U	0.0210 U	0.018 U
PCB-3	2051-62-9	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.136 U	0.0210 U	0.018 U
PCB-4	13029-08-8	ng/L	0.049	0.0558	0.0972	0.256	0.409	0.466	0.298	0.362	0.159	0.065 U	0.136 U	0.478	0.033
PCB-5	16605-91-7	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0331	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.136 U	0.0210 U	0.018 U
PCB-6	25569-80-6	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.136 U	0.0210 U	0.018 U
PCB-7	33284-50-3	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.136 U	0.0210 U	0.018 U
PCB-8	34883-43-7	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0285	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.136 U	0.0255 U	0.018 U
PCB-9	34883-39-1	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.136 U	0.0210 U	0.018 U
PCB-10	33146-45-1	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.136 U	0.0210 U	0.018 U
PCB-11	2050-67-1	ng/L	0.17 U	0.231 U	0.220 U	0.220 U	0.224 U	0.231 U	0.224 U	0.222 U	0.220 U	0.24 U	1.33 U	0.206 U	0.17 U
PCB-12/13	12-13	ng/L	0.035 U	0.0472 U	0.0448 U	0.0449 U	0.0458 U	0.0472 U	0.0458 U	0.0453 U	0.0448 U	0.048 U	0.272 U	0.0421 U	0.035 U
PCB-14	34883-41-5	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.136 U	0.0210 U	0.018 U
PCB-15	2050-68-2	ng/L	0.023 U	0.0312 U	0.0296 U	0.0296 U	0.0302 U	0.0312 U	0.0302 U	0.0299 U	0.0296 U	0.032 U	0.179 U	0.0377	0.023 U
PCB-16	38444-78-9	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.136 U	0.0210 U	0.018 U
PCB-17	37680-66-3	ng/L	0.017 U	0.0236 U	0.0224 U	0.0235	0.0421	0.0484	0.0506	0.0359	0.0311	0.024 U	0.136 U	0.0769	0.018 U
PCB-18/30	18-30	ng/L	0.035 U	0.0472 U	0.0448 U	0.0449 U	0.0458 U	0.0472 U	0.0458 U	0.0453 U	0.0448 U	0.048 U	0.272 U	0.0635	0.035 U
PCB-19	38444-73-4	ng/L	0.046	0.0412	0.0536	0.130	0.178	0.238	0.240	0.208	0.115	0.048	0.136 U	0.445	0.028
PCB-20/28	20-28	ng/L	0.090 U	0.122 U	0.116 U	0.116 U	0.118 U	0.122 U	0.118 U	0.117 U	0.116 U	0.12 U	0.701 U	0.109 U	0.091 U
PCB-21/33	21-33	ng/L	0.094 U	0.127 U	0.121 U	0.121 U	0.124 U	0.127 U	0.124 U	0.122 U	0.121 U	0.13 U	0.734 U	0.114 U	0.096 U
PCB-22	38444-85-8	ng/L	0.066 U	0.0897 U	0.0852 U	0.0853 U	0.0870 U	0.0897 U	0.0870 U	0.0860 U	0.0852 U	0.091 U	0.517 U	0.0799 U	0.067 U
PCB-23	55720-44-0	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.136 U	0.0210 U	0.018 U
PCB-24	55702-45-9	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.136 U	0.0210 U	0.018 U
PCB-25	55712-37-3	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0231	0.0226 U	0.0224 U	0.024 U	0.136 U	0.0313	0.018 U
PCB-26/29	26-29	ng/L	0.035 U	0.0472 U	0.0448 U	0.0449 U	0.0458 U	0.0472 U	0.0458 U	0.0453 U	0.0448 U	0.048 U	0.272 U	0.0421 U	0.035 U
PCB-27	38444-76-7	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0302	0.0370	0.0394	0.0304	0.0228	0.024 U	0.136 U	0.0592	0.018 U
PCB-31	16606-02-3	ng/L	0.090 U	0.123 U	0.117 U	0.117 U	0.119 U	0.123 U	0.119 U	0.118 U	0.117 U	0.12 U	0.707 U	0.109 U	0.092 U
PCB-32	38444-77-8	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0436	0.0550	0.0625	0.0391	0.0224 U	0.024 U	0.136 U	0.0688	0.018 U
PCB-34	37680-68-5	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.136 U	0.0210 U	0.018 U
PCB-35	37680-69-6	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.136 U	0.0210 U	0.018 U
PCB-36	38444-87-0	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.136 U	0.0210 U	0.018 U
PCB-37	38444-90-5	ng/L	0.037 U	0.0501 U	0.0475 U	0.0476 U	0.0485 U	0.0500 U	0.0485 U	0.0480 U	0.0475 U	0.051 U	0.288 U	0.0446 U	0.038 U
PCB-38	53555-66-1	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.136 U	0.0210 U	0.018 U
PCB-39	38444-88-1	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.136 U	0.0210 U	0.018 U
PCB-40/41/71	40-41-71	ng/L	0.052 U	0.0708 U	0.0672 U	0.0674 U	0.0687 U	0.0708 U	0.0749	0.0679 U	0.0673 U	0.072 U	0.816 U	0.103	0.053 U
PCB-42	36559-22-5	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0252	0.0308	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0408	0.018 U
PCB-44/47/65	44-47-65	ng/L	0.20	0.179	0.135	0.207	0.318	0.450	0.532	0.351	0.270	0.24	0.816 U	0.644	0.13
PCB-45/51	45-51	ng/L	0.035 U	0.0472 U	0.0448 U	0.0713	0.167	0.221	0.279	0.170	0.100	0.048 U	0.544 U	0.275	0.035 U
PCB-46	41464-47-5	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0271	0.018 U
PCB-48	70362-47-9	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-49/69	49-69	ng/L	0.12	0.107	0.0884	0.131	0.184	0.262	0.320	0.197	0.175	0.14	0.544 U	0.407	0.080

Location:			FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE
Sample Date:			09/17/24	10/08/24	11/13/24	12/11/24	01/23/24	02/14/24	03/12/24	04/10/24	05/14/24	06/25/24	07/24/24	08/13/24	09/17/24
PCB CONGENERS BY HRMS (EPA 1668C)															
PCB-50/53	50-53	ng/L	0.066	0.0536	0.0597	0.117	0.136	0.178	0.214	0.141	0.120	0.083	0.544 U	0.337	0.040
PCB-52	35693-99-3	ng/L	0.10	0.122 U	0.116 U	0.118	0.168	0.231	0.246	0.163	0.135	0.13	0.837 U	0.316	0.091 U
PCB-54	15968-05-5	ng/L	0.029	0.0236 U	0.0224 U	0.0330	0.0431	0.0610	0.0777	0.0527	0.0429	0.024 U	0.272 U	0.146	0.018 U
PCB-55	74338-24-2	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-56	41464-43-1	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-57	70424-67-8	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-58	41464-49-7	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-59/62/75	59-62-75	ng/L	0.052 U	0.0708 U	0.0672 U	0.0674 U	0.0687 U	0.0708 U	0.0687 U	0.0679 U	0.0673 U	0.072 U	0.816 U	0.0631 U	0.053 U
PCB-60	33025-41-1	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-61/70/74/76	61-70-74-76	ng/L	0.070 U	0.0944 U	0.0896 U	0.0898 U	0.0916 U	0.137	0.0916 U	0.0905 U	0.0897 U	0.096 U	1.09 U	0.0841 U	0.071 U
PCB-63	74472-34-7	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-64	52663-58-8	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-66	32598-10-0	ng/L	0.041 U	0.0557 U	0.0529 U	0.0530 U	0.0540 U	0.0672	0.0635	0.0534 U	0.0529 U	0.057 U	0.457 U	0.0658	0.042 U
PCB-67	73575-53-8	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-68	73575-52-7	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-72	41464-42-0	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-77	32598-13-3	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-78	70362-49-1	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-79	41464-48-6	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-80	33284-52-5	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-81	70362-50-4	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-82	52663-62-4	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0301	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-83	60145-20-2	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-84	52663-60-2	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0421	0.0666	0.0511	0.0301	0.0281	0.025	0.272 U	0.0477	0.018 U
PCB-85/116/117	85-116-117	ng/L	0.052 U	0.0708 U	0.0672 U	0.0674 U	0.0687 U	0.0708 U	0.0687 U	0.0679 U	0.0673 U	0.072 U	0.816 U	0.0631 U	0.053 U
PCB-86/87/97/108/119/125	868797108119125	ng/L	0.10 U	0.142 U	0.134 U	0.135 U	0.137 U	0.228	0.194	0.136 U	0.135 U	0.14 U	1.63 U	0.144	0.11 U
PCB-88/91	88-91	ng/L	0.042	0.0472 U	0.0448 U	0.0449 U	0.0646	0.106	0.130	0.0749	0.0583	0.048	0.544 U	0.129	0.035 U
PCB-89	73575-57-2	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-90/101/113	90-101-113	ng/L	0.16	0.154	0.116 U	0.156	0.281 U	0.469	0.525	0.296	0.220	0.19 U	0.816 U	0.405	0.13
PCB-92	52663-61-3	ng/L	0.056	0.0503	0.0385	0.0487	0.0727	0.114	0.143	0.0864	0.0605	0.057	0.272 U	0.130	0.038
PCB-93/98/100/102	9398100102	ng/L	0.070 U	0.0944 U	0.0896 U	0.0898 U	0.0916 U	0.0944 U	0.100	0.0905 U	0.0897 U	0.096 U	1.09 U	0.0863	0.071 U
PCB-94	73575-55-0	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0237	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0237	0.018 U
PCB-95	38379-99-6	ng/L	0.11	0.103	0.0857 U	0.117 U	0.203 U	0.302	0.349	0.209	0.146	0.14 U	0.517 U	0.310	0.094
PCB-96	73575-54-9	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-99	38380-01-7	ng/L	0.078	0.0717	0.0487 U	0.0685	0.117 U	0.200	0.234	0.130	0.0934	0.085 U	0.272 U	0.189	0.056
PCB-103	60145-21-3	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0256	0.0367	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0347	0.018 U
PCB-104	56558-16-8	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-105	32598-14-4	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0590	0.120	0.0665	0.0384	0.0308	0.024 U	0.272 U	0.0299	0.018 U
PCB-106	70424-69-0	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-107/124	107-124	ng/L	0.035 U	0.0472 U	0.0448 U	0.0449 U	0.0458 U	0.0472 U	0.0458 U	0.0453 U	0.0448 U	0.048 U	0.544 U	0.0421 U	0.035 U
PCB-109	74472-35-8	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0242	0.0243	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE
Sample Date:			09/17/24	10/08/24	11/13/24	12/11/24	01/23/24	02/14/24	03/12/24	04/10/24	05/14/24	06/25/24	07/24/24	08/13/24	09/17/24
PCB CONGENERS BY HRMS (EPA 1668C)															
PCB-110/115	110-115	ng/L	0.12 U	0.102	0.0803 U	0.113 U	0.248 U	0.459	0.410	0.222	0.180	0.15	0.544 U	0.316 U	0.10 U
PCB-111	39635-32-0	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-112	74472-36-9	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-114	74472-37-0	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-118	31508-00-6	ng/L	0.049	0.0394	0.0376 U	0.0461	0.148 U	0.292	0.217	0.125	0.0967	0.071	0.348 U	0.124	0.047
PCB-120	68194-12-7	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-121	56558-18-0	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-122	76842-07-4	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-123	65510-44-3	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-126	57465-28-8	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-127	39635-33-1	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-128/166	128-166	ng/L	0.035 U	0.0472 U	0.0448 U	0.0449 U	0.0458 U	0.0823	0.0974	0.0453 U	0.0448 U	0.048 U	0.544 U	0.0469	0.035 U
PCB-129/138/163	129-138-163	ng/L	0.28	0.237	0.215 U	0.255	0.483	0.866	1.25	0.623	0.443	0.26	0.816 U	0.742	0.20
PCB-130	52663-66-8	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0260	0.0443	0.0570	0.0326	0.0241	0.024 U	0.272 U	0.0393	0.018 U
PCB-131	61798-70-7	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-132	38380-05-1	ng/L	0.061	0.0565	0.0483 U	0.0679	0.128	0.224	0.312	0.158	0.0987	0.066	0.272 U	0.178	0.048
PCB-133	35694-04-3	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0315	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-134/143	134-143	ng/L	0.035 U	0.0472 U	0.0448 U	0.0449 U	0.0458 U	0.0472 U	0.0539	0.0453 U	0.0448 U	0.048 U	0.544 U	0.0421 U	0.035 U
PCB-135/151	135-151	ng/L	0.17	0.150	0.110 U	0.149	0.230	0.368	0.560	0.300	0.243	0.15	0.544 U	0.391	0.11
PCB-136	38411-22-2	ng/L	0.038	0.0363	0.0263	0.0385	0.0669	0.109	0.155	0.0813	0.0583	0.038	0.272 U	0.106	0.028
PCB-137	35694-06-5	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0245	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-139/140	139-140	ng/L	0.035 U	0.0472 U	0.0448 U	0.0449 U	0.0458 U	0.0472 U	0.0458 U	0.0453 U	0.0448 U	0.048 U	0.544 U	0.0421 U	0.035 U
PCB-141	52712-04-6	ng/L	0.050	0.0413	0.0378 U	0.0499	0.0929	0.161	0.247	0.125	0.0720	0.048	0.272 U	0.140	0.037
PCB-142	41411-61-4	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-144	68194-14-9	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0368	0.0534	0.0278	0.0235	0.024 U	0.272 U	0.0324	0.018 U
PCB-145	74472-40-5	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-146	51908-16-8	ng/L	0.070	0.0612	0.0513	0.0615	0.0977	0.150	0.246	0.127	0.0863	0.056	0.272 U	0.156	0.045
PCB-147/149	147-149	ng/L	0.27	0.248 U	0.210 U	0.269	0.452	0.762	1.16	0.615	0.377	0.27 U	0.544 U	0.730	0.18 U
PCB-148	74472-41-6	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-150	68194-08-1	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-152	68194-09-2	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-153/168	153-168	ng/L	0.32	0.280	0.231 U	0.283	0.486	0.798	1.26	0.656	0.421	0.28	0.544 U	0.763	0.22
PCB-154	60145-22-4	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0346	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0228	0.018 U
PCB-155	33979-03-2	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-156/157	156-157	ng/L	0.035 U	0.0472 U	0.0448 U	0.0449 U	0.0458 U	0.0669	0.0677	0.0453 U	0.0448 U	0.048 U	0.544 U	0.0421 U	0.035 U
PCB-158	74472-42-7	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0361	0.0662	0.0853	0.0421	0.0224 UX	0.024 U	0.272 U	0.0464	0.018 U
PCB-159	39635-35-3	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-160	41411-62-5	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-161	74472-43-8	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-162	39635-34-2	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-164	74472-45-0	ng/L	0.019	0.0236 U	0.0224 U	0.0225 U	0.0324	0.0588	0.0851	0.0441	0.0291	0.024 U	0.272 U	0.0539	0.018 U

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	FALLS VILLAGE DAM	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE
Sample Date:			09/17/24	10/08/24	11/13/24	12/11/24	01/23/24	02/14/24	03/12/24	04/10/24	05/14/24	06/25/24	07/24/24	08/13/24	09/17/24
PCB CONGENERS BY HRMS (EPA 1668C)															
PCB-165	74472-46-1	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-167	52663-72-6	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0289	0.0361	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-169	32774-16-6	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-170	35065-30-6	ng/L	0.071	0.0517	0.0890 U	0.0768	0.144	0.238	0.418	0.205	0.127	0.061	0.272 U	0.213	0.048
PCB-171/173	171-173	ng/L	0.035 U	0.0472 U	0.0448 U	0.0449 U	0.0479	0.0739	0.133	0.0665	0.0448 U	0.048 U	0.544 U	0.0701	0.035 U
PCB-172	52663-74-8	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0301	0.0489	0.0921	0.0460	0.0273	0.024 U	0.272 U	0.0470	0.018 U
PCB-174	38411-25-5	ng/L	0.083	0.0729 U	0.125 U	0.101	0.164	0.284	0.481	0.244	0.149	0.079	0.272 U	0.272	0.057
PCB-175	40186-70-7	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-176	52663-65-7	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0336	0.0615	0.0310	0.0224 U	0.024 U	0.272 U	0.0323	0.018 U
PCB-177	52663-70-4	ng/L	0.058	0.0500	0.0859 U	0.0692	0.108	0.167	0.317	0.160	0.0954	0.051	0.272 U	0.166	0.038
PCB-178	52663-67-9	ng/L	0.030	0.0247	0.0384 U	0.0308	0.0420	0.0662	0.126	0.0656	0.0493	0.025	0.272 U	0.0760	0.019
PCB-179	52663-64-6	ng/L	0.044	0.0382	0.0635 U	0.0540	0.0803	0.130	0.225	0.119	0.0743	0.041	0.272 U	0.125	0.028
PCB-180/193	180-193	ng/L	0.17	0.124 U	0.222 U	0.187	0.352	0.575	1.01	0.499	0.302	0.15	0.544 U	0.502	0.12
PCB-181	74472-47-2	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-182	60145-23-5	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-183/185	183-185	ng/L	0.055	0.0472 U	0.0803 U	0.0695	0.117	0.181	0.330	0.165	0.0962	0.051	0.544 U	0.170	0.038
PCB-184	74472-48-3	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-186	74472-49-4	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-187	52663-68-0	ng/L	0.13	0.106 U	0.182 U	0.136	0.222	0.348	0.639	0.308	0.234	0.12	0.272 U	0.360	0.083
PCB-188	74487-85-7	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-189	39635-31-9	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-190	41411-64-7	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0335	0.0549	0.0943	0.0483	0.0294	0.024 U	0.272 U	0.0494	0.018 U
PCB-191	74472-50-7	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-192	74472-51-8	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.272 U	0.0210 U	0.018 U
PCB-194	35694-08-7	ng/L	0.028	0.0236 U	0.0331 U	0.0372	0.0729	0.119	0.219	0.108	0.0619	0.034	0.408 U	0.0976	0.020
PCB-195	52663-78-2	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0334	0.0524	0.106	0.0500	0.0328	0.024 U	0.408 U	0.0470	0.018 U
PCB-196	42740-50-1	ng/L	0.017 U	0.0236 U	0.0224 U	0.0227	0.0383	0.0612	0.115	0.0565	0.0399	0.024 U	0.408 U	0.0550	0.018 U
PCB-197/200	197-200	ng/L	0.035 U	0.0472 U	0.0448 U	0.0449 U	0.0458 U	0.0472 U	0.0458 U	0.0453 U	0.0448 U	0.048 U	0.816 U	0.0421 U	0.035 U
PCB-198/199	198-199	ng/L	0.035 U	0.0472 U	0.0448 U	0.0449 U	0.0872	0.132	0.268	0.0999	0.0931	0.048 U	0.816 U	0.117	0.035 U
PCB-201	40186-71-8	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0280	0.0226 U	0.0224 U	0.024 U	0.408 U	0.0210 U	0.018 U
PCB-202	2136-99-4	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0237	0.0495	0.0260	0.0224 U	0.024 U	0.408 U	0.0231	0.018 U
PCB-203	52663-76-0	ng/L	0.022	0.0236 U	0.0246 U	0.0294	0.0503	0.0795	0.153	0.0752	0.0513	0.025	0.408 U	0.0693	0.018 U
PCB-204	74472-52-9	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.408 U	0.0210 U	0.018 U
PCB-205	74472-53-0	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.408 U	0.0210 U	0.018 U
PCB-206	40186-72-9	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0285	0.0541	0.0262	0.0224 U	0.024 U	0.408 U	0.0239	0.018 U
PCB-207	52663-79-3	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.408 U	0.0210 U	0.018 U
PCB-208	52663-77-1	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.408 U	0.0210 U	0.018 U
PCB-209	2051-24-3	ng/L	0.017 U	0.0236 U	0.0224 U	0.0225 U	0.0229 U	0.0236 U	0.0229 U	0.0226 U	0.0224 U	0.024 U	0.408 U	0.0210 U	0.018 U
Total PCBs as Congeners	ARC-TCongeners	ng/L	3.07	1.98	0.550	3.39	5.78	11.5	15.8	8.22	5.42	2.53	1.63 U	11.2	1.82

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE
Sample Date:			10/08/24	11/13/24	12/11/24	01/23/24	02/13/24	03/12/24	04/10/24	05/14/24	06/25/24	07/24/24	08/13/24	09/17/24	10/08/24	11/12/24	12/10/24
PCB CONGENERS BY HRMS (EPA 1668C)																	
PCB-1	2051-60-7	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0256	0.0280	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-2	2051-61-8	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-3	2051-62-9	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-4	13029-08-8	ng/L	0.0296 UX	0.0929	0.208	0.295	0.371	0.261	0.226	0.0746	0.023 U	0.124 U	0.289	0.019 U	0.0228 U	0.0297	0.112
PCB-5	16605-91-7	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-6	25569-80-6	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-7	33284-50-3	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-8	34883-43-7	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-9	34883-39-1	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-10	33146-45-1	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-11	2050-67-1	ng/L	0.227 U	0.222 U	0.229 U	0.225 U	0.235 U	0.237 U	0.233 U	0.214 U	0.22 U	1.22 U	0.226 U	0.18 U	0.224 U	0.199 U	0.521 U
PCB-12/13	12-13	ng/L	0.0464 U	0.0454 U	0.0467 U	0.0458 U	0.0479 U	0.0484 U	0.0475 U	0.0437 U	0.045 U	0.249 U	0.0462 U	0.037 U	0.0456 U	0.0406 U	0.106 U
PCB-14	34883-41-5	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-15	2050-68-2	ng/L	0.0306 U	0.0299 U	0.0308 U	0.0302 U	0.0316 U	0.0319 U	0.0314 U	0.0289 U	0.030 U	0.164 U	0.0305 U	0.024 U	0.0301 U	0.0268 U	0.0702 U
PCB-16	38444-78-9	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-17	37680-66-3	ng/L	0.0232 U	0.0227 U	0.0239	0.0306	0.0393	0.0397	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0359	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-18/30	18-30	ng/L	0.0464 U	0.0454 U	0.0467 U	0.0458 U	0.0479 U	0.0484 U	0.0475 U	0.0437 U	0.045 U	0.249 U	0.0462 U	0.037 U	0.0456 U	0.0406 U	0.106 U
PCB-19	38444-73-4	ng/L	0.0271	0.0447	0.0977	0.133	0.189	0.212	0.122	0.0588	0.023 U	0.124 U	0.214	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-20/28	20-28	ng/L	0.120 U	0.117 U	0.120 U	0.118 U	0.124 U	0.125 U	0.123 U	0.113 U	0.12 U	0.641 U	0.119 U	0.096 U	0.118 U	0.105 U	0.274 U
PCB-21/33	21-33	ng/L	0.125 U	0.122 U	0.126 U	0.124 U	0.129 U	0.131 U	0.128 U	0.118 U	0.12 U	0.671 U	0.125 U	0.10 U	0.123 U	0.110 U	0.287 U
PCB-22	38444-85-8	ng/L	0.0882 U	0.0862 U	0.0887 U	0.0871 U	0.0910 U	0.0920 U	0.0903 U	0.0831 U	0.086 U	0.472 U	0.0878 U	0.071 U	0.0867 U	0.0771 U	0.202 U
PCB-23	55720-44-0	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-24	55702-45-9	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-25	55712-37-3	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-26/29	26-29	ng/L	0.0464 U	0.0454 U	0.0467 U	0.0458 U	0.0479 U	0.0484 U	0.0475 U	0.0437 U	0.045 U	0.249 U	0.0462 U	0.037 U	0.0456 U	0.0406 U	0.106 U
PCB-27	38444-76-7	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0321	0.0298	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0280	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-31	16606-02-3	ng/L	0.121 U	0.118 U	0.121 U	0.119 U	0.125 U	0.126 U	0.124 U	0.114 U	0.12 U	0.646 U	0.120 U	0.097 U	0.119 U	0.105 U	0.276 U
PCB-32	38444-77-8	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0308	0.0435	0.0499	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0232	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-34	37680-68-5	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-35	37680-69-6	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-36	38444-87-0	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-37	38444-90-5	ng/L	0.0492 U	0.0481 U	0.0495 U	0.0486 U	0.0508 U	0.0513 U	0.0504 U	0.0464 U	0.048 U	0.263 U	0.0490 U	0.039 U	0.0484 U	0.0430 U	0.113 U
PCB-38	53555-66-1	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-39	38444-88-1	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.124 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-40/41/71	40-41-71	ng/L	0.0696 U	0.0680 U	0.0700 U	0.0687 U	0.0800	0.0726 U	0.0713 U	0.0656 U	0.068 U	0.746 U	0.0693 U	0.056 U	0.0684 U	0.0608 U	0.159 U
PCB-42	36559-22-5	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0299	0.0251	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-44/47/65	44-47-65	ng/L	0.130	0.118	0.198	0.246	0.432	0.429	0.219	0.156	0.12	0.746 U	0.328	0.056 U	0.0769	0.0608 U	0.159 U
PCB-45/51	45-51	ng/L	0.0464 U	0.0454 U	0.0741	0.123	0.180	0.204	0.0951	0.0437 U	0.045 U	0.497 U	0.102	0.037 U	0.0456 U	0.0406 U	0.106 U
PCB-46	41464-47-5	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-48	70362-47-9	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-49/69	49-69	ng/L	0.0823	0.0760	0.132	0.146	0.256	0.243	0.121	0.102	0.067	0.497 U	0.213	0.037 U	0.0456 U	0.0406 U	0.106 U

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE
Sample Date:			10/08/24	11/13/24	12/11/24	01/23/24	02/13/24	03/12/24	04/10/24	05/14/24	06/25/24	07/24/24	08/13/24	09/17/24	10/08/24	11/12/24	12/10/24
PCB CONGENERS BY HRMS (EPA 1668C)																	
PCB-50/53	50-53	ng/L	0.0464 U	0.0479	0.103	0.105	0.154	0.165	0.0862	0.0592	0.045 U	0.497 U	0.155	0.037 U	0.0456 U	0.0406 U	0.106 U
PCB-52	35693-99-3	ng/L	0.120 U	0.117 U	0.158	0.137	0.311	0.202	0.123 U	0.113 U	0.12 U	0.766 U	0.178	0.096 U	0.121	0.105 U	0.274 U
PCB-54	15968-05-5	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0331	0.0489	0.0624	0.0289	0.0219 U	0.023 U	0.249 U	0.0592	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-55	74338-24-2	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-56	41464-43-1	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0464	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-57	70424-67-8	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-58	41464-49-7	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-59/62/75	59-62-75	ng/L	0.0696 U	0.0680 U	0.0700 U	0.0687 U	0.0718 U	0.0726 U	0.0713 U	0.0656 U	0.068 U	0.746 U	0.0693 U	0.056 U	0.0684 U	0.0608 U	0.159 U
PCB-60	33025-41-1	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-61/70/74/76	61-70-74-76	ng/L	0.0929 U	0.0907 U	0.0934 U	0.0916 U	0.335	0.0968 U	0.0951 U	0.0875 U	0.090 U	0.994 U	0.0924 U	0.074 U	0.121	0.0811 U	0.213 U
PCB-63	74472-34-7	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-64	52663-58-8	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0401	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-66	32598-10-0	ng/L	0.0548 U	0.0535 U	0.0551 U	0.0541 U	0.127	0.0572	0.0561 U	0.0516 U	0.053 U	0.418 U	0.0545 U	0.044 U	0.0538 U	0.0479 U	0.125 U
PCB-67	73575-53-8	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-68	73575-52-7	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-72	41464-42-0	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-77	32598-13-3	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.188	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-78	70362-49-1	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-79	41464-48-6	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-80	33284-52-5	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-81	70362-50-4	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-82	52663-62-4	ng/L	0.0232 U	0.0227 U	0.0255	0.0229 U	0.133	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0235	0.0203 U	0.0532 U
PCB-83	60145-20-2	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0514	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0244	0.0203 U	0.0532 U
PCB-84	52663-60-2	ng/L	0.0232 U	0.0227 U	0.0611	0.0383	0.200	0.0461	0.0296	0.0219 U	0.029	0.249 U	0.0338	0.021	0.0691	0.0205 U	0.0532 U
PCB-85/116/117	85-116-117	ng/L	0.0696 U	0.0680 U	0.0700 U	0.0687 U	0.173	0.0726 U	0.0713 U	0.0656 U	0.068 U	0.746 U	0.0693 U	0.056 U	0.0684 U	0.0608 U	0.159 U
PCB-86/87/97/108/119/125	868797108119125	ng/L	0.139 U	0.136 U	0.210	0.137 U	0.675	0.160	0.143 U	0.131 U	0.14 U	1.49 U	0.139 U	0.11 U	0.234	0.122 U	0.319 U
PCB-88/91	88-91	ng/L	0.0464 U	0.0454 U	0.0533	0.0539	0.156	0.0987	0.0494	0.0437 U	0.045 U	0.497 U	0.0787	0.037 U	0.0456 U	0.0406 U	0.106 U
PCB-89	73575-57-2	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-90/101/113	90-101-113	ng/L	0.253	0.160 U	0.709	0.244 U	0.944	0.413	0.235	0.154	0.18 U	0.746 U	0.295	0.11	1.01	0.192 U	0.159 U
PCB-92	52663-61-3	ng/L	0.0511	0.0420	0.112	0.0618	0.193	0.116	0.0600	0.0423	0.045	0.249 U	0.0895	0.025	0.124	0.0314	0.0532 U
PCB-93/98/100/102	9398100102	ng/L	0.0929 U	0.0907 U	0.0934 U	0.0916 U	0.0958 U	0.0968 U	0.0951 U	0.0875 U	0.090 U	0.994 U	0.0924 U	0.074 U	0.0912 U	0.0811 U	0.213 U
PCB-94	73575-55-0	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-95	38379-99-6	ng/L	0.171	0.102 U	0.496	0.175 U	0.563	0.279	0.163	0.103	0.11 U	0.472 U	0.204	0.068	0.698	0.111 U	0.149 U
PCB-96	73575-54-9	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-99	38380-01-7	ng/L	0.0628	0.0595 U	0.123	0.109 U	0.406	0.178	0.0987	0.0668	0.085 U	0.249 U	0.142	0.047	0.0830	0.0430 U	0.0532 U
PCB-103	60145-21-3	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0251	0.0282	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-104	56558-16-8	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-105	32598-14-4	ng/L	0.0232 U	0.0227 U	0.0891	0.0617	0.578	0.0654	0.0503	0.0332	0.049	0.249 U	0.0348	0.029	0.0627	0.0343 U	0.0532 U
PCB-106	70424-69-0	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-107/124	107-124	ng/L	0.0464 U	0.0454 U	0.0467 U	0.0458 U	0.0479 U	0.0484 U	0.0475 U	0.0437 U	0.045 U	0.497 U	0.0462 U	0.037 U	0.0456 U	0.0406 U	0.106 U
PCB-109	74472-35-8	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0725	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE
Sample Date:			10/08/24	11/13/24	12/11/24	01/23/24	02/13/24	03/12/24	04/10/24	05/14/24	06/25/24	07/24/24	08/13/24	09/17/24	10/08/24	11/12/24	12/10/24
PCB CONGENERS BY HRMS (EPA 1668C)																	
PCB-110/115	110-115	ng/L	0.160	0.124 U	0.492	0.238 U	1.41	0.337	0.209	0.158	0.19 U	0.497 U	0.255 U	0.13 U	0.584	0.163 U	0.149 U
PCB-111	39635-32-0	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-112	74472-36-9	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-114	74472-37-0	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-118	31508-00-6	ng/L	0.0737	0.0642 U	0.257	0.147 U	1.00	0.192 U	0.134	0.0951	0.13	0.318 U	0.118	0.066	0.236	0.0906 U	0.0914
PCB-120	68194-12-7	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-121	56558-18-0	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-122	76842-07-4	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-123	65510-44-3	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-126	57465-28-8	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0382	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-127	39635-33-1	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-128/166	128-166	ng/L	0.0464 U	0.0454 U	0.103	0.0458 U	0.346	0.0770	0.0475 U	0.0437 U	0.045 U	0.497 U	0.0507	0.037 U	0.111	0.0406 U	0.106 U
PCB-129/138/163	129-138-163	ng/L	0.476	0.323 U	2.42	0.433	2.21	0.972	0.468	0.350	0.33	0.746 U	0.689	0.19	2.56	0.646 U	0.199
PCB-130	52663-66-8	ng/L	0.0232 U	0.0227 U	0.0725	0.0232	0.111	0.0516	0.0248	0.0219 U	0.023 U	0.249 U	0.0370	0.019 U	0.0799	0.0239	0.0532 U
PCB-131	61798-70-7	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-132	38380-05-1	ng/L	0.137	0.0844 U	0.682	0.120	0.615	0.237	0.121	0.0817	0.083	0.249 U	0.162	0.047	0.816	0.182 U	0.0587
PCB-133	35694-04-3	ng/L	0.0232 U	0.0227 U	0.0294	0.0229 U	0.0297	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0314	0.0203 U	0.0532 U
PCB-134/143	134-143	ng/L	0.0464 U	0.0454 U	0.108	0.0458 U	0.0917	0.0484 U	0.0475 U	0.0437 U	0.045 U	0.497 U	0.0462 U	0.037 U	0.114	0.0406 U	0.106 U
PCB-135/151	135-151	ng/L	0.303	0.171 U	1.22	0.193	0.584	0.415	0.201	0.168	0.13	0.497 U	0.329	0.073	1.72	0.317	0.106 U
PCB-136	38411-22-2	ng/L	0.0835	0.0389	0.341	0.0557	0.180	0.109	0.0562	0.0406	0.033	0.249 U	0.0827	0.019 U	0.514	0.0805	0.0532 U
PCB-137	35694-06-5	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0698	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-139/140	139-140	ng/L	0.0464 U	0.0454 U	0.0467 U	0.0458 U	0.0479 U	0.0484 U	0.0475 U	0.0437 U	0.045 U	0.497 U	0.0462 U	0.037 U	0.0456 U	0.0406 U	0.106 U
PCB-141	52712-04-6	ng/L	0.133	0.0732 U	0.689	0.0827	0.357	0.181	0.0955	0.0594	0.058	0.249 U	0.130	0.033	0.821	0.183 U	0.0532 U
PCB-142	41411-61-4	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-144	68194-14-9	ng/L	0.0387	0.0227 U	0.174	0.0229 U	0.0719	0.0368	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0289	0.019 U	0.242	0.0447	0.0532 U
PCB-145	74472-40-5	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-146	51908-16-8	ng/L	0.0852	0.0631	0.337	0.0766	0.263	0.188	0.0854	0.0652	0.062	0.249 U	0.139	0.033	0.372	0.0897	0.0532 U
PCB-147/149	147-149	ng/L	0.516	0.313 U	2.38	0.395	1.42	0.856	0.411	0.274	0.26 U	0.497 U	0.631	0.14 U	2.99	0.606 U	0.162 U
PCB-148	74472-41-6	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-150	68194-08-1	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-152	68194-09-2	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-153/168	153-168	ng/L	0.567	0.356 U	2.63	0.405	1.58	0.960	0.452	0.318	0.32	0.497 U	0.697	0.16	2.90	0.668 U	0.177
PCB-154	60145-22-4	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0293	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-155	33979-03-2	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-156/157	156-157	ng/L	0.0464 U	0.0454 U	0.156	0.0458 U	0.230	0.0547	0.0475 U	0.0437 U	0.045 U	0.497 U	0.0462 U	0.037 U	0.118	0.0428	0.106 U
PCB-158	74472-42-7	ng/L	0.0395	0.0249	0.188	0.0325	0.192	0.0675	0.0354	0.0239	0.025	0.249 U	0.0437	0.019 U	0.205	0.0540	0.0532 U
PCB-159	39635-35-3	ng/L	0.0232 U	0.0227 U	0.0409	0.0229 U	0.0257	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-160	41411-62-5	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-161	74472-43-8	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-162	39635-34-2	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-164	74472-45-0	ng/L	0.0395	0.0257	0.185	0.0286	0.149	0.0655	0.0327	0.0228	0.025	0.249 U	0.0495	0.019 U	0.189	0.0494	0.0532 U

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	CANAAN TLINE BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE	RT. 341 BRIDGE
Sample Date:			10/08/24	11/13/24	12/11/24	01/23/24	02/13/24	03/12/24	04/10/24	05/14/24	06/25/24	07/24/24	08/13/24	09/17/24	10/08/24	11/12/24	12/10/24
PCB CONGENERS BY HRMS (EPA 1668C)																	
PCB-165	74472-46-1	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-167	52663-72-6	ng/L	0.0232 U	0.0227 U	0.0579	0.0229 U	0.0755	0.0304	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0445	0.0203 U	0.0532 U
PCB-169	32774-16-6	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-170	35065-30-6	ng/L	0.141	0.115 U	1.10	0.119	0.615	0.337	0.144	0.104	0.093	0.249 U	0.223	0.049	0.798	0.372 U	0.0536
PCB-171/173	171-173	ng/L	0.0476	0.0454 U	0.370	0.0458 U	0.190	0.105	0.0475 U	0.0437 U	0.045 U	0.497 U	0.0676	0.037 U	0.293	0.121	0.106 U
PCB-172	52663-74-8	ng/L	0.0295	0.0255	0.232	0.0245	0.105	0.0693	0.0307	0.0219 U	0.023 U	0.249 U	0.0484	0.019 U	0.165	0.0748	0.0532 U
PCB-174	38411-25-5	ng/L	0.210	0.149 U	1.52	0.137	0.649	0.376	0.163	0.117	0.11	0.249 U	0.275	0.054	1.31	0.488 U	0.0639
PCB-175	40186-70-7	ng/L	0.0232 U	0.0227 U	0.0676	0.0229 U	0.0252	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0572	0.0207	0.0532 U
PCB-176	52663-65-7	ng/L	0.0280	0.0227 U	0.198	0.0229 U	0.0700	0.0428	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0329	0.019 U	0.192	0.0618	0.0532 U
PCB-177	52663-70-4	ng/L	0.110	0.0839 U	0.832	0.0889	0.372	0.242	0.106	0.0731	0.069	0.249 U	0.168	0.034	0.647	0.261 U	0.0532 U
PCB-178	52663-67-9	ng/L	0.0507	0.0382 U	0.333	0.0352	0.127	0.0925	0.0430	0.0368	0.031	0.249 U	0.0731	0.019 U	0.279	0.106 U	0.0532 U
PCB-179	52663-64-6	ng/L	0.0969	0.0646 U	0.645	0.0664	0.218	0.158	0.0764	0.0580	0.046	0.249 U	0.121	0.022	0.653	0.203 U	0.0532 U
PCB-180/193	180-193	ng/L	0.365	0.288 U	2.95	0.286	1.36	0.788	0.340	0.242	0.20	0.497 U	0.519	0.11	2.15	0.942 U	0.124
PCB-181	74472-47-2	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-182	60145-23-5	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-183/185	183-185	ng/L	0.138	0.100 U	1.10	0.0930	0.408	0.240	0.112	0.0743	0.070	0.497 U	0.171	0.037 U	0.808	0.318 U	0.106 U
PCB-184	74472-48-3	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-186	74472-49-4	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-187	52663-68-0	ng/L	0.252	0.187 U	1.65	0.168	0.692	0.483	0.206	0.186	0.14	0.249 U	0.365	0.076	1.51	0.531 U	0.0824
PCB-188	74487-85-7	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-189	39635-31-9	ng/L	0.0232 U	0.0227 U	0.0418	0.0229 U	0.0242	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0260	0.0203 U	0.0532 U
PCB-190	41411-64-7	ng/L	0.0351	0.0274	0.267	0.0270	0.139	0.0810	0.0348	0.0254	0.023 U	0.249 U	0.0514	0.019 U	0.176	0.0868	0.0532 U
PCB-191	74472-50-7	ng/L	0.0232 U	0.0227 U	0.0619	0.0229 U	0.0248	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0373	0.0203 U	0.0532 U
PCB-192	74472-51-8	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.249 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-194	35694-08-7	ng/L	0.0751	0.0734 U	0.700	0.0586	0.292	0.183	0.0702	0.0525	0.053	0.373 U	0.116	0.019	0.390	0.178 U	0.0532 U
PCB-195	52663-78-2	ng/L	0.0368	0.0238	0.301	0.0258	0.132	0.0858	0.0339	0.0250	0.023 U	0.373 U	0.0537	0.019 U	0.181	0.0538	0.0532 U
PCB-196	42740-50-1	ng/L	0.0463	0.0420 U	0.426	0.0303	0.158	0.0879	0.0396	0.0326	0.027	0.373 U	0.0647	0.019 U	0.273	0.104 U	0.0532 U
PCB-197/200	197-200	ng/L	0.0464 U	0.0454 U	0.147	0.0458 U	0.0498	0.0484 U	0.0475 U	0.0437 U	0.045 U	0.746 U	0.0462 U	0.037 U	0.101	0.0406 U	0.106 U
PCB-198/199	198-199	ng/L	0.0875	0.0860	0.776	0.0699	0.309	0.178	0.0760	0.0713	0.060	0.746 U	0.140	0.037 U	0.451	0.200	0.106 U
PCB-201	40186-71-8	ng/L	0.0232 U	0.0227 U	0.121	0.0229 U	0.0350	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.373 U	0.0231 U	0.019 U	0.0751	0.0286	0.0532 U
PCB-202	2136-99-4	ng/L	0.0232 U	0.0227 U	0.155	0.0229 U	0.0488	0.0366	0.0238 U	0.0219 U	0.023 U	0.373 U	0.0256	0.019 U	0.0963	0.0366	0.0532 U
PCB-203	52663-76-0	ng/L	0.0554	0.0551 U	0.491	0.0410	0.186	0.114	0.0496	0.0398	0.036	0.373 U	0.0810	0.019 U	0.313	0.123 U	0.0532 U
PCB-204	74472-52-9	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.373 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-205	74472-53-0	ng/L	0.0232 U	0.0227 U	0.0464	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.373 U	0.0231 U	0.019 U	0.0256	0.0203 U	0.0532 U
PCB-206	40186-72-9	ng/L	0.0232 U	0.0227 U	0.216	0.0229 U	0.0686	0.0418	0.0238 U	0.0219 U	0.023 U	0.373 U	0.0307	0.019 U	0.0989	0.0480	0.0532 U
PCB-207	52663-79-3	ng/L	0.0232 U	0.0227 U	0.0322	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.373 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-208	52663-77-1	ng/L	0.0232 U	0.0227 U	0.0374	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.373 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
PCB-209	2051-24-3	ng/L	0.0232 U	0.0227 U	0.0233 U	0.0229 U	0.0239 U	0.0242 U	0.0238 U	0.0219 U	0.023 U	0.373 U	0.0231 U	0.019 U	0.0228 U	0.0203 U	0.0532 U
Total PCBs as Congeners	ARC-TCongeners	ng/L	5.23	0.737	30.3	4.64	24.5	11.7	5.44	3.64	2.44	1.49 U	8.32	1.27	28.4	1.50	0.962

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM
Sample Date:			01/22/24	02/13/24	03/12/24	04/09/24	05/14/24	06/24/24	07/23/24	08/12/24	09/16/24	10/07/24	11/11/24	12/10/24	01/30/24	02/12/24	03/11/24
PCB CONGENERS BY HRMS (EPA 1668C)																	
PCB-1	2051-60-7	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-2	2051-61-8	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-3	2051-62-9	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-4	13029-08-8	ng/L	0.173	0.128	0.155 U	0.134	0.0451	0.0210 U	0.138 U	0.0845 U	0.018 U	0.0229 U	0.0217 U	0.0816 U	0.126 U	0.140	0.160
PCB-5	16605-91-7	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-6	25569-80-6	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-7	33284-50-3	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-8	34883-43-7	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-9	34883-39-1	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-10	33146-45-1	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-11	2050-67-1	ng/L	0.243 U	0.228 U	0.220 U	0.224 U	0.230 U	0.206 U	1.35 U	0.209 U	0.18 U	0.224 U	0.213 U	0.226 U	0.209 U	0.220 U	0.234 U
PCB-12/13	12-13	ng/L	0.0495 U	0.0465 U	0.0449 U	0.0457 U	0.0470 U	0.0420 U	0.276 U	0.0427 U	0.037 U	0.0458 U	0.0435 U	0.0461 U	0.0426 U	0.0449 U	0.0479 U
PCB-14	34883-41-5	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-15	2050-68-2	ng/L	0.0327 U	0.0307 U	0.0296 U	0.0302 U	0.0310 U	0.0277 U	0.182 U	0.0282 U	0.024 U	0.0302 U	0.0287 U	0.0304 U	0.0281 U	0.0296 U	0.0316 U
PCB-16	38444-78-9	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-17	37680-66-3	ng/L	0.0248 U	0.0233 U	0.0268	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0237	0.0240
PCB-18/30	18-30	ng/L	0.0495 U	0.0465 U	0.0449 U	0.0457 U	0.0470 U	0.0420 U	0.276 U	0.0427 U	0.037 U	0.0458 U	0.0435 U	0.0461 U	0.0426 U	0.0449 U	0.0479 U
PCB-19	38444-73-4	ng/L	0.0825	0.0669	0.117	0.0758	0.0378	0.0210 U	0.138 U	0.0557	0.018 U	0.0229 U	0.0217 U	0.0327	0.0576	0.0701	0.0799
PCB-20/28	20-28	ng/L	0.128 U	0.120 U	0.116 U	0.118 U	0.121 U	0.108 U	0.713 U	0.110 U	0.094 U	0.118 U	0.112 U	0.119 U	0.110 U	0.116 U	0.123 U
PCB-21/33	21-33	ng/L	0.134 U	0.126 U	0.121 U	0.123 U	0.127 U	0.113 U	0.746 U	0.115 U	0.099 U	0.124 U	0.117 U	0.124 U	0.115 U	0.121 U	0.129 U
PCB-22	38444-85-8	ng/L	0.0941 U	0.0884 U	0.0853 U	0.0868 U	0.0892 U	0.0798 U	0.525 U	0.0811 U	0.070 U	0.0870 U	0.0826 U	0.0876 U	0.0809 U	0.0852 U	0.0909 U
PCB-23	55720-44-0	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-24	55702-45-9	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-25	55712-37-3	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-26/29	26-29	ng/L	0.0495 U	0.0465 U	0.0449 U	0.0457 U	0.0470 U	0.0420 U	0.276 U	0.0427 U	0.037 U	0.0458 U	0.0435 U	0.0461 U	0.0426 U	0.0449 U	0.0479 U
PCB-27	38444-76-7	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-31	16606-02-3	ng/L	0.129 U	0.121 U	0.117 U	0.119 U	0.122 U	0.109 U	0.719 U	0.111 U	0.095 U	0.119 U	0.113 U	0.120 U	0.111 U	0.117 U	0.124 U
PCB-32	38444-77-8	ng/L	0.0248 U	0.0233 U	0.0311	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-34	37680-68-5	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-35	37680-69-6	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-36	38444-87-0	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-37	38444-90-5	ng/L	0.0525 U	0.0493 U	0.0476 U	0.0484 U	0.0498 U	0.0445 U	0.293 U	0.0452 U	0.039 U	0.0486 U	0.0461 U	0.0489 U	0.0451 U	0.0476 U	0.0507 U
PCB-38	53555-66-1	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-39	38444-88-1	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.138 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-40/41/71	40-41-71	ng/L	0.0743 U	0.0698 U	0.0674 U	0.0685 U	0.0704 U	0.0630 U	0.829 U	0.0640 U	0.055 U	0.0687 U	0.0652 U	0.0692 U	0.0639 U	0.0673 U	0.0718 U
PCB-42	36559-22-5	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-44/47/65	44-47-65	ng/L	0.170	0.129	0.313	0.143	0.1000	0.0630 U	0.829 U	0.156	0.055 U	0.0687 U	0.0652 U	0.0692 U	0.178	0.199	0.182
PCB-45/51	45-51	ng/L	0.0734	0.0558	0.136	0.0588	0.0470 U	0.0420 U	0.553 U	0.0427 U	0.037 U	0.0458 U	0.0435 U	0.0461 U	0.0697	0.0807	0.0703
PCB-46	41464-47-5	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-48	70362-47-9	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-49/69	49-69	ng/L	0.101	0.0739	0.187	0.0816	0.0622	0.0420 U	0.553 U	0.0938	0.037 U	0.0458 U	0.0435 U	0.0461 U	0.0985	0.110	0.102

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM
Sample Date:			01/22/24	02/13/24	03/12/24	04/09/24	05/14/24	06/24/24	07/23/24	08/12/24	09/16/24	10/07/24	11/11/24	12/10/24	01/30/24	02/12/24	03/11/24
PCB CONGENERS BY HRMS (EPA 1668C)																	
PCB-50/53	50-53	ng/L	0.0653	0.0545	0.114	0.0574	0.0470 U	0.0420 U	0.553 U	0.0538	0.037 U	0.0458 U	0.0435 U	0.0461 U	0.0577	0.0688	0.0625
PCB-52	35693-99-3	ng/L	0.128 U	0.120 U	0.169	0.118 U	0.121 U	0.108 U	0.852 U	0.110 U	0.094 U	0.118 U	0.112 U	0.119 U	0.110 U	0.116 U	0.123 U
PCB-54	15968-05-5	ng/L	0.0248 U	0.0233 U	0.0383	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-55	74338-24-2	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-56	41464-43-1	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-57	70424-67-8	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-58	41464-49-7	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-59/62/75	59-62-75	ng/L	0.0743 U	0.0698 U	0.0674 U	0.0685 U	0.0704 U	0.0630 U	0.829 U	0.0640 U	0.055 U	0.0687 U	0.0652 U	0.0692 U	0.0639 U	0.0673 U	0.0718 U
PCB-60	33025-41-1	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-61/70/74/76	61-70-74-76	ng/L	0.102	0.0931 U	0.0942	0.0914 U	0.0939 U	0.0840 U	1.11 U	0.0854 U	0.073 U	0.0916 U	0.0869 U	0.0922 U	0.0852 U	0.0897 U	0.0957 U
PCB-63	74472-34-7	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-64	52663-58-8	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-66	32598-10-0	ng/L	0.0585 U	0.0549 U	0.0581	0.0539 U	0.0554 U	0.0496 U	0.464 U	0.0504 U	0.043 U	0.0541 U	0.0513 U	0.0544 U	0.0503 U	0.0529 U	0.0565 U
PCB-67	73575-53-8	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-68	73575-52-7	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-72	41464-42-0	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-77	32598-13-3	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-78	70362-49-1	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-79	41464-48-6	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-80	33284-52-5	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-81	70362-50-4	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-82	52663-62-4	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-83	60145-20-2	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-84	52663-60-2	ng/L	0.0469	0.0233 U	0.0475	0.0240	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0257	0.0306	0.0302
PCB-85/116/117	85-116-117	ng/L	0.0743 U	0.0698 U	0.0674 U	0.0685 U	0.0704 U	0.0630 U	0.829 U	0.0640 U	0.055 U	0.0687 U	0.0652 U	0.0692 U	0.0639 U	0.0673 U	0.0718 U
PCB-86/87/97/108/119/125	868797108119125	ng/L	0.149 U	0.140 U	0.149	0.137 U	0.141 U	0.126 U	1.66 U	0.128 U	0.11 U	0.137 U	0.130 U	0.138 U	0.128 U	0.135 U	0.144 U
PCB-88/91	88-91	ng/L	0.0495 U	0.0465 U	0.0778	0.0457 U	0.0470 U	0.0420 U	0.553 U	0.0427 U	0.037 U	0.0458 U	0.0435 U	0.0461 U	0.0426 U	0.0475	0.0479 U
PCB-89	73575-57-2	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-90/101/113	90-101-113	ng/L	0.254 U	0.0985	0.351	0.162	0.0884	0.0630 U	0.829 U	0.163	0.060	0.0687 U	0.0652 U	0.0692 U	0.177 U	0.212	0.203
PCB-92	52663-61-3	ng/L	0.0569	0.0291	0.0919	0.0441	0.0269	0.0210 U	0.276 U	0.0515	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0449	0.0544	0.0520
PCB-93/98/100/102	9398100102	ng/L	0.0991 U	0.0931 U	0.0898 U	0.0914 U	0.0939 U	0.0840 U	1.11 U	0.0854 U	0.073 U	0.0916 U	0.0869 U	0.0922 U	0.0852 U	0.0897 U	0.0957 U
PCB-94	73575-55-0	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-95	38379-99-6	ng/L	0.172 U	0.0719	0.243	0.118	0.0657 U	0.0588 U	0.525 U	0.103	0.051 U	0.0641 U	0.0608 U	0.0645 U	0.124 U	0.134	0.138
PCB-96	73575-54-9	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-99	38380-01-7	ng/L	0.123 U	0.0430	0.163 U	0.0690	0.0400	0.0258 U	0.276 U	0.0843	0.026	0.0254	0.0217 U	0.0231 U	0.0854 U	0.0953	0.0911 U
PCB-103	60145-21-3	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-104	56558-16-8	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-105	32598-14-4	ng/L	0.0935	0.0233 U	0.0646	0.0283	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0418	0.0570	0.0517
PCB-106	70424-69-0	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-107/124	107-124	ng/L	0.0495 U	0.0465 U	0.0449 U	0.0457 U	0.0470 U	0.0420 U	0.553 U	0.0427 U	0.037 U	0.0458 U	0.0435 U	0.0461 U	0.0426 U	0.0449 U	0.0479 U
PCB-109	74472-35-8	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM
Sample Date:			01/22/24	02/13/24	03/12/24	04/09/24	05/14/24	06/24/24	07/23/24	08/12/24	09/16/24	10/07/24	11/11/24	12/10/24	01/30/24	02/12/24	03/11/24
PCB CONGENERS BY HRMS (EPA 1668C)																	
PCB-110/115	110-115	ng/L	0.283 U	0.0776	0.307 U	0.139	0.0740	0.0424 U	0.553 U	0.134 U	0.044 U	0.0458 U	0.0435 U	0.0461 U	0.186 U	0.203	0.198 U
PCB-111	39635-32-0	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-112	74472-36-9	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-114	74472-37-0	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-118	31508-00-6	ng/L	0.221	0.0384	0.190 U	0.0821	0.0378	0.0328 U	0.354 U	0.0672	0.029 U	0.0357 U	0.0339 U	0.0360 U	0.109 U	0.149	0.129 U
PCB-120	68194-12-7	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-121	56558-18-0	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-122	76842-07-4	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-123	65510-44-3	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-126	57465-28-8	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-127	39635-33-1	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-128/166	128-166	ng/L	0.0537	0.0465 U	0.0621	0.0457 U	0.0470 U	0.0420 U	0.553 U	0.0427 U	0.037 U	0.0458 U	0.0435 U	0.0461 U	0.0426 U	0.0509	0.0479 U
PCB-129/138/163	129-138-163	ng/L	0.422	0.202	0.765	0.285	0.209	0.105	0.829 U	0.457	0.11	0.115	0.0652 U	0.0738	0.410	0.567	0.466
PCB-130	52663-66-8	ng/L	0.0248 U	0.0233 U	0.0397	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0238	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0287	0.0255
PCB-131	61798-70-7	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-132	38380-05-1	ng/L	0.114	0.0491	0.189	0.0745	0.0418	0.0217	0.276 U	0.0883	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.102	0.133	0.118
PCB-133	35694-04-3	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-134/143	134-143	ng/L	0.0495 U	0.0465 U	0.0449 U	0.0457 U	0.0470 U	0.0420 U	0.553 U	0.0427 U	0.037 U	0.0458 U	0.0435 U	0.0461 U	0.0426 U	0.0449 U	0.0479 U
PCB-135/151	135-151	ng/L	0.147	0.0977	0.321	0.130	0.105	0.0483	0.553 U	0.184	0.056	0.0549	0.0435 U	0.0461 U	0.165	0.205	0.180
PCB-136	38411-22-2	ng/L	0.0443	0.0263	0.0843	0.0356	0.0258	0.0210 U	0.276 U	0.0447	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0468	0.0517	0.0468
PCB-137	35694-06-5	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-139/140	139-140	ng/L	0.0495 U	0.0465 U	0.0449 U	0.0457 U	0.0470 U	0.0420 U	0.553 U	0.0427 U	0.037 U	0.0458 U	0.0435 U	0.0461 U	0.0426 U	0.0449 U	0.0479 U
PCB-141	52712-04-6	ng/L	0.0726	0.0380	0.143	0.0557	0.0301	0.0210 U	0.276 U	0.0667	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0716	0.102	0.0839
PCB-142	41411-61-4	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-144	68194-14-9	ng/L	0.0248 U	0.0233 U	0.0310	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-145	74472-40-5	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-146	51908-16-8	ng/L	0.0652	0.0412	0.148	0.0546	0.0426	0.0237	0.276 U	0.0963	0.028	0.0285	0.0217 U	0.0231 U	0.0692	0.0954	0.0828
PCB-147/149	147-149	ng/L	0.322	0.193	0.672	0.253	0.174	0.0910 U	0.553 U	0.376	0.100 U	0.104 U	0.0622 U	0.0657 U	0.335	0.411	0.388
PCB-148	74472-41-6	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-150	68194-08-1	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-152	68194-09-2	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-153/168	153-168	ng/L	0.357	0.211	0.741	0.280	0.199	0.107	0.553 U	0.457	0.12	0.128 U	0.0641 U	0.0728	0.390	0.524	0.428
PCB-154	60145-22-4	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-155	33979-03-2	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-156/157	156-157	ng/L	0.0499	0.0465 U	0.0470	0.0457 U	0.0470 U	0.0420 U	0.553 U	0.0427 U	0.037 U	0.0458 U	0.0435 U	0.0461 U	0.0426 U	0.0449 U	0.0479 U
PCB-158	74472-42-7	ng/L	0.0362	0.0233 U	0.0554	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0260	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0302	0.0379	0.0343
PCB-159	39635-35-3	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-160	41411-62-5	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-161	74472-43-8	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-162	39635-34-2	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-164	74472-45-0	ng/L	0.0295	0.0233 U	0.0517	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0282	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0291	0.0371	0.0316

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	RT. 202 BRIDGE	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM
Sample Date:			01/22/24	02/13/24	03/12/24	04/09/24	05/14/24	06/24/24	07/23/24	08/12/24	09/16/24	10/07/24	11/11/24	12/10/24	01/30/24	02/12/24	03/11/24
PCB CONGENERS BY HRMS (EPA 1668C)																	
PCB-165	74472-46-1	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-167	52663-72-6	ng/L	0.0248 U	0.0233 U	0.0232	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-169	32774-16-6	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-170	35065-30-6	ng/L	0.107	0.0634	0.246	0.0809	0.0619	0.0232	0.276 U	0.150	0.018 U	0.0229 U	0.0217 U	0.0249	0.134	0.198	0.142
PCB-171/173	171-173	ng/L	0.0495 U	0.0465 U	0.0795	0.0457 U	0.0470 U	0.0420 U	0.553 U	0.0469	0.037 U	0.0458 U	0.0435 U	0.0461 U	0.0426 U	0.0573	0.0479 U
PCB-172	52663-74-8	ng/L	0.0248 U	0.0233 U	0.0486	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0316	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0278	0.0379	0.0304
PCB-174	38411-25-5	ng/L	0.113	0.0795	0.281	0.0933	0.0713	0.0299	0.276 U	0.164	0.018 U	0.0229 U	0.0217 U	0.0302	0.149	0.214	0.162
PCB-175	40186-70-7	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-176	52663-65-7	ng/L	0.0248 U	0.0233 U	0.0336	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0242	0.0239 U
PCB-177	52663-70-4	ng/L	0.0725	0.0488	0.179	0.0620	0.0528	0.0264	0.276 U	0.122	0.023	0.0256	0.0217 U	0.0231 U	0.0940	0.130	0.102
PCB-178	52663-67-9	ng/L	0.0279	0.0233 U	0.0707	0.0244	0.0250	0.0210 U	0.276 U	0.0507	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0380	0.0477	0.0402
PCB-179	52663-64-6	ng/L	0.0510	0.0355	0.116	0.0444	0.0395	0.0210 U	0.276 U	0.0764	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0641	0.0813	0.0676
PCB-180/193	180-193	ng/L	0.245	0.161	0.564	0.188	0.148	0.0596	0.553 U	0.330	0.037	0.0458 U	0.0435 U	0.0550	0.309	0.437	0.325
PCB-181	74472-47-2	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-182	60145-23-5	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-183/185	183-185	ng/L	0.0757	0.0523	0.179	0.0637	0.0470 U	0.0420 U	0.553 U	0.106	0.037 U	0.0458 U	0.0435 U	0.0461 U	0.100	0.126	0.104
PCB-184	74472-48-3	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-186	74472-49-4	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-187	52663-68-0	ng/L	0.130	0.104	0.363	0.124	0.128	0.0509	0.276 U	0.246	0.062	0.0577 U	0.0443 U	0.0402	0.177	0.253	0.214
PCB-188	74487-85-7	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-189	39635-31-9	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-190	41411-64-7	ng/L	0.0248 U	0.0233 U	0.0577	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0365	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0316	0.0437	0.0352
PCB-191	74472-50-7	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-192	74472-51-8	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.276 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-194	35694-08-7	ng/L	0.0517	0.0348	0.126	0.0401	0.0235 UX	0.0210 U	0.415 U	0.0829	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0678	0.0829	0.0722
PCB-195	52663-78-2	ng/L	0.0248 U	0.0233 U	0.0568	0.0228 U	0.0235 U	0.0210 U	0.415 U	0.0391	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0316	0.0413	0.0335
PCB-196	42740-50-1	ng/L	0.0274	0.0233 U	0.0596	0.0228 U	0.0235 U	0.0210 U	0.415 U	0.0389	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0328	0.0224 UX	0.0353
PCB-197/200	197-200	ng/L	0.0495 U	0.0465 U	0.0449 U	0.0457 U	0.0470 U	0.0420 U	0.829 U	0.0427 U	0.037 U	0.0458 U	0.0435 U	0.0461 U	0.0426 U	0.0449 U	0.0479 U
PCB-198/199	198-199	ng/L	0.0584	0.0465 U	0.127	0.0467	0.0470 U	0.0420 U	0.829 U	0.0881	0.037 U	0.0458 U	0.0435 U	0.0461 U	0.0762	0.101	0.0769
PCB-201	40186-71-8	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.415 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-202	2136-99-4	ng/L	0.0248 U	0.0233 U	0.0257	0.0228 U	0.0235 U	0.0210 U	0.415 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-203	52663-76-0	ng/L	0.0341	0.0246	0.0776	0.0278	0.0254	0.0210 U	0.415 U	0.0573	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0443	0.0635	0.0461
PCB-204	74472-52-9	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.415 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-205	74472-53-0	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.415 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-206	40186-72-9	ng/L	0.0248 U	0.0233 U	0.0317	0.0228 U	0.0235 U	0.0210 U	0.415 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-207	52663-79-3	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.415 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-208	52663-77-1	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.415 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
PCB-209	2051-24-3	ng/L	0.0248 U	0.0233 U	0.0225 U	0.0228 U	0.0235 U	0.0210 U	0.415 U	0.0213 U	0.018 U	0.0229 U	0.0217 U	0.0231 U	0.0213 U	0.0224 U	0.0239 U
Total PCBs as Congeners	ARC-TCongeners	ng/L	3.89	2.33	8.41	3.18	1.89	0.496	1.66 U	4.34	0.522	0.249	0.213 U	0.330	3.60	5.86	4.53

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM
Sample Date:			04/09/24	05/13/24	06/24/24	07/23/24	08/12/24	09/16/24	10/07/24	11/12/24	12/09/24	01/22/24	02/12/24	03/11/24
PCB CONGENERS BY HRMS (EPA 1668C)														
PCB-1	2051-60-7	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-2	2051-61-8	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-3	2051-62-9	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-4	13029-08-8	ng/L	0.115	0.0848	0.0695 U	0.139 U	0.208	0.31	0.152	0.0445	0.0493 U	0.131 U	0.101	0.116 U
PCB-5	16605-91-7	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-6	25569-80-6	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-7	33284-50-3	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-8	34883-43-7	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0376 U	0.032	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-9	34883-39-1	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-10	33146-45-1	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-11	2050-67-1	ng/L	0.239 U	0.228 U	0.223 U	1.36 U	0.223 U	0.19 U	0.233 U	0.229 U	0.217 U	0.235 U	0.220 U	0.238 U
PCB-12/13	12-13	ng/L	0.0488 U	0.0466 U	0.0455 U	0.277 U	0.0455 U	0.038 U	0.0476 U	0.0468 U	0.0443 U	0.0480 U	0.0449 U	0.0487 U
PCB-14	34883-41-5	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-15	2050-68-2	ng/L	0.0322 U	0.0307 U	0.0300 U	0.183 U	0.0314	0.026	0.0314 U	0.0309 U	0.0293 U	0.0317 U	0.0296 U	0.0321 U
PCB-16	38444-78-9	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.021	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-17	37680-66-3	ng/L	0.0244 U	0.0247	0.0227 U	0.139 U	0.0428	0.042	0.0295	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-18/30	18-30	ng/L	0.0488 U	0.0466 U	0.0455 U	0.277 U	0.0559	0.048	0.0476 U	0.0468 U	0.0443 U	0.0480 U	0.0449 U	0.0487 U
PCB-19	38444-73-4	ng/L	0.0647	0.0483	0.0228	0.139 U	0.0537	0.065	0.0356	0.0234 U	0.0222 U	0.0641	0.0550	0.0506
PCB-20/28	20-28	ng/L	0.126 U	0.120 U	0.117 U	0.715 U	0.117 U	0.099 U	0.123 U	0.121 U	0.114 U	0.124 U	0.116 U	0.126 U
PCB-21/33	21-33	ng/L	0.132 U	0.126 U	0.123 U	0.749 U	0.123 U	0.10 U	0.128 U	0.126 U	0.120 U	0.130 U	0.121 U	0.131 U
PCB-22	38444-85-8	ng/L	0.0928 U	0.0885 U	0.0864 U	0.527 U	0.0865 U	0.073 U	0.0904 U	0.0888 U	0.0842 U	0.0912 U	0.0853 U	0.0925 U
PCB-23	55720-44-0	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-24	55702-45-9	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-25	55712-37-3	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-26/29	26-29	ng/L	0.0488 U	0.0466 U	0.0455 U	0.277 U	0.0455 U	0.038 U	0.0476 U	0.0468 U	0.0443 U	0.0480 U	0.0449 U	0.0487 U
PCB-27	38444-76-7	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-31	16606-02-3	ng/L	0.127 U	0.121 U	0.118 U	0.721 U	0.118 U	0.100 U	0.124 U	0.122 U	0.115 U	0.125 U	0.117 U	0.127 U
PCB-32	38444-77-8	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-34	37680-68-5	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-35	37680-69-6	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-36	38444-87-0	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-37	38444-90-5	ng/L	0.0517 U	0.0494 U	0.0482 U	0.294 U	0.0483 U	0.041 U	0.0504 U	0.0496 U	0.0470 U	0.0509 U	0.0476 U	0.0516 U
PCB-38	53555-66-1	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-39	38444-88-1	ng/L	0.0244 U	0.0233 U	0.0227 U	0.139 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-40/41/71	40-41-71	ng/L	0.0732 U	0.0699 U	0.0682 U	0.832 U	0.0683 U	0.058 U	0.0714 U	0.0701 U	0.0665 U	0.0720 U	0.0673 U	0.0730 U
PCB-42	36559-22-5	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-44/47/65	44-47-65	ng/L	0.137	0.110	0.0682 U	0.832 U	0.123	0.079	0.0837	0.0701 U	0.0809	0.119	0.0807	0.0793
PCB-45/51	45-51	ng/L	0.0520	0.0466 U	0.0455 U	0.555 U	0.0455 U	0.038 U	0.0476 U	0.0468 U	0.0443 U	0.0568	0.0449 U	0.0487 U
PCB-46	41464-47-5	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-48	70362-47-9	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-49/69	49-69	ng/L	0.0765	0.0702	0.0455 U	0.555 U	0.0733	0.045	0.0495	0.0468 U	0.0443 U	0.0724	0.0492	0.0487 U

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM
Sample Date:			04/09/24	05/13/24	06/24/24	07/23/24	08/12/24	09/16/24	10/07/24	11/12/24	12/09/24	01/22/24	02/12/24	03/11/24
PCB CONGENERS BY HRMS (EPA 1668C)														
PCB-50/53	50-53	ng/L	0.0488 U	0.0466 U	0.0455 U	0.555 U	0.0455 U	0.038 U	0.0476 U	0.0468 U	0.0443 U	0.0480 U	0.0449 U	0.0487 U
PCB-52	35693-99-3	ng/L	0.126 U	0.120 U	0.117 U	0.854 U	0.117 U	0.099 U	0.123 U	0.121 U	0.114 U	0.124 U	0.116 U	0.126 U
PCB-54	15968-05-5	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-55	74338-24-2	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-56	41464-43-1	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-57	70424-67-8	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-58	41464-49-7	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-59/62/75	59-62-75	ng/L	0.0732 U	0.0699 U	0.0682 U	0.832 U	0.0683 U	0.058 U	0.0714 U	0.0701 U	0.0665 U	0.0720 U	0.0673 U	0.0730 U
PCB-60	33025-41-1	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-61/70/74/76	61-70-74-76	ng/L	0.0976 U	0.0931 U	0.0909 U	1.11 U	0.0911 U	0.077 U	0.0952 U	0.0935 U	0.0992	0.0960 U	0.0898 U	0.0973 U
PCB-63	74472-34-7	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-64	52663-58-8	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0268	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-66	32598-10-0	ng/L	0.0576 U	0.0550 U	0.0536 U	0.466 U	0.0537 U	0.045 U	0.0562 U	0.0552 U	0.0523 U	0.0567 U	0.0530 U	0.0574 U
PCB-67	73575-53-8	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-68	73575-52-7	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-72	41464-42-0	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-77	32598-13-3	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-78	70362-49-1	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-79	41464-48-6	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-80	33284-52-5	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-81	70362-50-4	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-82	52663-62-4	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-83	60145-20-2	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-84	52663-60-2	ng/L	0.0335	0.0233 U	0.0227 U	0.277 U	0.0245	0.019 U	0.0238 U	0.0254 U	0.0445	0.0240 U	0.0224 U	0.0243 U
PCB-85/116/117	85-116-117	ng/L	0.0732 U	0.0699 U	0.0682 U	0.832 U	0.0683 U	0.058 U	0.0714 U	0.0701 U	0.0665 U	0.0720 U	0.0673 U	0.0730 U
PCB-86/87/97/108/119/125	868797108119125	ng/L	0.146 U	0.140 U	0.136 U	1.66 U	0.137 U	0.12 U	0.143 U	0.140 U	0.133 U	0.144 U	0.135 U	0.146 U
PCB-88/91	88-91	ng/L	0.0488 U	0.0466 U	0.0455 U	0.555 U	0.0455 U	0.038 U	0.0476 U	0.0468 U	0.0443 U	0.0480 U	0.0449 U	0.0487 U
PCB-89	73575-57-2	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-90/101/113	90-101-113	ng/L	0.199	0.116	0.0763 U	0.832 U	0.109	0.077	0.167	0.231 U	0.186	0.117 U	0.0673 U	0.0918
PCB-92	52663-61-3	ng/L	0.0461	0.0233 UX	0.0227 U	0.277 U	0.0292	0.020	0.0317	0.0350	0.0363	0.0299	0.0224 U	0.0243 U
PCB-93/98/100/102	9398100102	ng/L	0.0976 U	0.0931 U	0.0909 U	1.11 U	0.0911 U	0.077 U	0.0952 U	0.0935 U	0.0887 U	0.0960 U	0.0898 U	0.0973 U
PCB-94	73575-55-0	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-95	38379-99-6	ng/L	0.135	0.0770	0.0636 U	0.527 U	0.0858	0.062	0.131	0.110 U	0.136 U	0.0858 U	0.0629 U	0.0681 U
PCB-96	73575-54-9	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-99	38380-01-7	ng/L	0.0929	0.0480	0.0331 U	0.277 U	0.0522	0.034	0.0365	0.0556 U	0.0753	0.0493 U	0.0268	0.0435 U
PCB-103	60145-21-3	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-104	56558-16-8	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-105	32598-14-4	ng/L	0.0656	0.0302	0.0277	0.277 U	0.0270	0.019 U	0.0238 U	0.0889 U	0.0620	0.0240 U	0.0224 U	0.0263
PCB-106	70424-69-0	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-107/124	107-124	ng/L	0.0488 U	0.0466 U	0.0455 U	0.555 U	0.0455 U	0.038 U	0.0476 U	0.0468 U	0.0443 U	0.0480 U	0.0449 U	0.0487 U
PCB-109	74472-35-8	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM
Sample Date:			04/09/24	05/13/24	06/24/24	07/23/24	08/12/24	09/16/24	10/07/24	11/12/24	12/09/24	01/22/24	02/12/24	03/11/24
PCB CONGENERS BY HRMS (EPA 1668C)														
PCB-110/115	110-115	ng/L	0.218	0.110	0.0792 U	0.555 U	0.117 U	0.080 U	0.118	0.273 U	0.221 U	0.101 U	0.0506	0.0936 U
PCB-111	39635-32-0	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-112	74472-36-9	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-114	74472-37-0	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-118	31508-00-6	ng/L	0.162	0.0719	0.0635	0.355 U	0.0632	0.042	0.0541	0.217 U	0.133	0.0593 U	0.0350 U	0.0646 U
PCB-120	68194-12-7	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-121	56558-18-0	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-122	76842-07-4	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-123	65510-44-3	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-126	57465-28-8	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-127	39635-33-1	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-128/166	128-166	ng/L	0.0488 U	0.0466 U	0.0455 U	0.555 U	0.0455 U	0.038 U	0.0476 U	0.0695	0.0443 U	0.0480 U	0.0449 U	0.0487 U
PCB-129/138/163	129-138-163	ng/L	0.341	0.202	0.139	0.832 U	0.147	0.13	0.395	1.43	0.225	0.184	0.109	0.159
PCB-130	52663-66-8	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0470	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-131	61798-70-7	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-132	38380-05-1	ng/L	0.0916	0.0433	0.0332	0.277 U	0.0405	0.032	0.117	0.342	0.0673	0.0506	0.0281	0.0406
PCB-133	35694-04-3	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-134/143	134-143	ng/L	0.0488 U	0.0466 U	0.0455 U	0.555 U	0.0455 U	0.038 U	0.0476 U	0.0468 U	0.0443 U	0.0480 U	0.0449 U	0.0487 U
PCB-135/151	135-151	ng/L	0.140	0.100	0.0462	0.555 U	0.0664	0.053	0.240	0.454	0.0725	0.0913	0.0509	0.0575
PCB-136	38411-22-2	ng/L	0.0388	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0671	0.0835	0.0241	0.0265	0.0224 U	0.0243 U
PCB-137	35694-06-5	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-139/140	139-140	ng/L	0.0488 U	0.0466 U	0.0455 U	0.555 U	0.0455 U	0.038 U	0.0476 U	0.0468 U	0.0443 U	0.0480 U	0.0449 U	0.0487 U
PCB-141	52712-04-6	ng/L	0.0640	0.0306	0.0235	0.277 U	0.0242	0.025	0.114	0.379	0.0389	0.0367	0.0224 U	0.0270
PCB-142	41411-61-4	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-144	68194-14-9	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0331	0.0686	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-145	74472-40-5	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-146	51908-16-8	ng/L	0.0586	0.0363	0.0227 U	0.277 U	0.0277	0.020	0.0596	0.167	0.0294	0.0367	0.0225	0.0283
PCB-147/149	147-149	ng/L	0.288	0.157	0.0955 U	0.555 U	0.130	0.091 U	0.417	1.01	0.163 U	0.181 U	0.103	0.127
PCB-148	74472-41-6	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-150	68194-08-1	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-152	68194-09-2	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-153/168	153-168	ng/L	0.315	0.183	0.126	0.555 U	0.137	0.11	0.435	1.39	0.171	0.182	0.111	0.152
PCB-154	60145-22-4	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-155	33979-03-2	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-156/157	156-157	ng/L	0.0488 U	0.0466 U	0.0455 U	0.555 U	0.0455 U	0.038 U	0.0476 U	0.108	0.0443 U	0.0480 U	0.0449 U	0.0487 U
PCB-158	74472-42-7	ng/L	0.0257	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0334	0.121	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-159	39635-35-3	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-160	41411-62-5	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-161	74472-43-8	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-162	39635-34-2	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-164	74472-45-0	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0284	0.101	0.0222 U	0.0240 U	0.0224 U	0.0243 U

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	SHEPAUG DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM
Sample Date:			04/09/24	05/13/24	06/24/24	07/23/24	08/12/24	09/16/24	10/07/24	11/12/24	12/09/24	01/22/24	02/12/24	03/11/24
PCB CONGENERS BY HRMS (EPA 1668C)														
PCB-165	74472-46-1	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-167	52663-72-6	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0372	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-169	32774-16-6	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-170	35065-30-6	ng/L	0.0953	0.0461	0.0371	0.277 U	0.0394	0.043	0.161	0.832	0.0510	0.0510	0.0333	0.0415
PCB-171/173	171-173	ng/L	0.0488 U	0.0466 U	0.0455 U	0.555 U	0.0455 U	0.038 U	0.0550	0.263	0.0443 U	0.0480 U	0.0449 U	0.0487 U
PCB-172	52663-74-8	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0353	0.164	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-174	38411-25-5	ng/L	0.107	0.0491	0.0360	0.277 U	0.0415	0.040	0.235	1.06	0.0593	0.0642	0.0419	0.0500
PCB-175	40186-70-7	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0427	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-176	52663-65-7	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0321	0.121	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-177	52663-70-4	ng/L	0.0717	0.0343	0.0236	0.277 U	0.0281	0.025	0.119	0.564	0.0360	0.0428	0.0259	0.0323
PCB-178	52663-67-9	ng/L	0.0294	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0509	0.217	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-179	52663-64-6	ng/L	0.0505	0.0274	0.0227 U	0.277 U	0.0228 U	0.019 U	0.105	0.366	0.0248	0.0332	0.0224 U	0.0243 U
PCB-180/193	180-193	ng/L	0.219	0.101	0.0867	0.555 U	0.0843	0.095	0.439	2.16	0.116	0.132	0.0818	0.0961
PCB-181	74472-47-2	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-182	60145-23-5	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-183/185	183-185	ng/L	0.0734	0.0466 U	0.0455 U	0.555 U	0.0455 U	0.038 U	0.147	0.702	0.0443 U	0.0480 U	0.0449 U	0.0487 U
PCB-184	74472-48-3	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-186	74472-49-4	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-187	52663-68-0	ng/L	0.134	0.0870	0.0457	0.277 U	0.0572	0.049	0.273	1.11	0.0672	0.0839	0.0529	0.0667
PCB-188	74487-85-7	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-189	39635-31-9	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-190	41411-64-7	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0412	0.197	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-191	74472-50-7	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0403	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-192	74472-51-8	ng/L	0.0244 U	0.0233 U	0.0227 U	0.277 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-194	35694-08-7	ng/L	0.0486	0.0233 U	0.0227 U	0.416 U	0.0228 U	0.024	0.117	0.401	0.0287	0.0268	0.0224 U	0.0243 U
PCB-195	52663-78-2	ng/L	0.0244 U	0.0233 U	0.0227 U	0.416 U	0.0228 U	0.019 U	0.0475	0.131	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-196	42740-50-1	ng/L	0.0244 U	0.0233 U	0.0227 U	0.416 U	0.0228 U	0.019 U	0.0664	0.234	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-197/200	197-200	ng/L	0.0488 U	0.0466 U	0.0455 U	0.832 U	0.0455 U	0.038 U	0.0476 U	0.0797	0.0443 U	0.0480 U	0.0449 U	0.0487 U
PCB-198/199	198-199	ng/L	0.0504	0.0466 U	0.0455 U	0.832 U	0.0455 U	0.038 U	0.116	0.424	0.0443 U	0.0480 U	0.0449 U	0.0487 U
PCB-201	40186-71-8	ng/L	0.0244 U	0.0233 U	0.0227 U	0.416 U	0.0228 U	0.019 U	0.0238 U	0.0610	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-202	2136-99-4	ng/L	0.0244 U	0.0233 U	0.0227 U	0.416 U	0.0228 U	0.019 U	0.0238 U	0.0773	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-203	52663-76-0	ng/L	0.0338	0.0233 U	0.0227 U	0.416 U	0.0228 U	0.019 U	0.0785	0.280	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-204	74472-52-9	ng/L	0.0244 U	0.0233 U	0.0227 U	0.416 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-205	74472-53-0	ng/L	0.0244 U	0.0233 U	0.0227 U	0.416 U	0.0228 U	0.019 U	0.0238 U	0.0274	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-206	40186-72-9	ng/L	0.0244 U	0.0233 U	0.0227 U	0.416 U	0.0228 U	0.019 U	0.0350	0.109	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-207	52663-79-3	ng/L	0.0244 U	0.0233 U	0.0227 U	0.416 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-208	52663-77-1	ng/L	0.0244 U	0.0233 U	0.0227 U	0.416 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
PCB-209	2051-24-3	ng/L	0.0244 U	0.0233 U	0.0227 U	0.416 U	0.0228 U	0.019 U	0.0238 U	0.0234 U	0.0222 U	0.0240 U	0.0224 U	0.0243 U
Total PCBs as Congeners	ARC-TCongeners	ng/L	3.67	1.89	0.711	1.66 U	1.83	1.55	4.98	15.6	1.73	1.38	1.02	1.13

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	DERBY DAM
Sample Date:			04/09/24	05/13/24	06/24/24	07/23/24	08/12/24	09/16/24	10/07/24	11/11/24	12/09/24	01/22/24
PCB CONGENERS BY HRMS (EPA 1668C)												
PCB-1	2051-60-7	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-2	2051-61-8	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-3	2051-62-9	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-4	13029-08-8	ng/L	0.107	0.0700	0.0360 U	0.145 U	0.0628 U	0.098	0.0782	0.0340	0.0271 U	0.137 U
PCB-5	16605-91-7	ng/L	0.0210 U	0.0196 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-6	25569-80-6	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-7	33284-50-3	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-8	34883-43-7	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-9	34883-39-1	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-10	33146-45-1	ng/L	0.0210 U	0.0281 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-11	2050-67-1	ng/L	0.205 U	0.191 U	0.232 U	1.42 U	0.225 U	0.24 U	0.235 U	0.232 U	0.234 U	0.231 U
PCB-12/13	12-13	ng/L	0.0419 U	0.0390 U	0.0474 U	0.291 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.0472 U
PCB-14	34883-41-5	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-15	2050-68-2	ng/L	0.0277 U	0.0257 U	0.0313 U	0.192 U	0.0304 U	0.033 U	0.0316 U	0.0313 U	0.0315 U	0.0311 U
PCB-16	38444-78-9	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-17	37680-66-3	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-18/30	18-30	ng/L	0.0419 U	0.0390 U	0.0474 U	0.291 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.0472 U
PCB-19	38444-73-4	ng/L	0.0620	0.0432	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0629
PCB-20/28	20-28	ng/L	0.108 U	0.101 U	0.122 U	0.750 U	0.119 U	0.13 U	0.124 U	0.122 U	0.123 U	0.122 U
PCB-21/33	21-33	ng/L	0.113 U	0.105 U	0.128 U	0.785 U	0.124 U	0.13 U	0.129 U	0.128 U	0.129 U	0.127 U
PCB-22	38444-85-8	ng/L	0.0796 U	0.0741 U	0.0901 U	0.552 U	0.0874 U	0.094 U	0.0910 U	0.0901 U	0.0908 U	0.0896 U
PCB-23	55720-44-0	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-24	55702-45-9	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-25	55712-37-3	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-26/29	26-29	ng/L	0.0419 U	0.0390 U	0.0474 U	0.291 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.0472 U
PCB-27	38444-76-7	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-31	16606-02-3	ng/L	0.109 U	0.101 U	0.123 U	0.756 U	0.120 U	0.13 U	0.125 U	0.123 U	0.124 U	0.123 U
PCB-32	38444-77-8	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-34	37680-68-5	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-35	37680-69-6	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-36	38444-87-0	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-37	38444-90-5	ng/L	0.0444 U	0.0413 U	0.0503 U	0.308 U	0.0488 U	0.052 U	0.0508 U	0.0503 U	0.0506 U	0.0500 U
PCB-38	53555-66-1	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-39	38444-88-1	ng/L	0.0210 U	0.0195 U	0.0237 U	0.145 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-40/41/71	40-41-71	ng/L	0.0629 U	0.0585 U	0.0712 U	0.872 U	0.0690 U	0.074 U	0.0719 U	0.0712 U	0.0716 U	0.0707 U
PCB-42	36559-22-5	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-44/47/65	44-47-65	ng/L	0.0797	0.0748	0.0712 U	0.872 U	0.0690 U	0.074 U	0.0719 U	0.0712 U	0.0716 U	0.107
PCB-45/51	45-51	ng/L	0.0419 U	0.0390 U	0.0474 U	0.581 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.0523
PCB-46	41464-47-5	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-48	70362-47-9	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-49/69	49-69	ng/L	0.0476	0.0500	0.0474 U	0.581 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.0682

Location:			STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	DERBY DAM
Sample Date:			04/09/24	05/13/24	06/24/24	07/23/24	08/12/24	09/16/24	10/07/24	11/11/24	12/09/24	01/22/24
PCB CONGENERS BY HRMS (EPA 1668C)												
PCB-50/53	50-53	ng/L	0.0419 U	0.0390 U	0.0474 U	0.581 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.0472 U
PCB-52	35693-99-3	ng/L	0.108 U	0.101 U	0.122 U	0.895 U	0.119 U	0.13 U	0.124 U	0.122 U	0.123 U	0.122 U
PCB-54	15968-05-5	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-55	74338-24-2	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-56	41464-43-1	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-57	70424-67-8	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-58	41464-49-7	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-59/62/75	59-62-75	ng/L	0.0629 U	0.0585 U	0.0712 U	0.872 U	0.0690 U	0.074 U	0.0719 U	0.0712 U	0.0716 U	0.0707 U
PCB-60	33025-41-1	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-61/70/74/76	61-70-74-76	ng/L	0.0838 U	0.0780 U	0.0949 U	1.16 U	0.0920 U	0.099 U	0.0958 U	0.0949 U	0.0955 U	0.0943 U
PCB-63	74472-34-7	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-64	52663-58-8	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-66	32598-10-0	ng/L	0.0494 U	0.0460 U	0.0560 U	0.488 U	0.0543 U	0.058 U	0.0565 U	0.0560 U	0.0564 U	0.0556 U
PCB-67	73575-53-8	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-68	73575-52-7	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-72	41464-42-0	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-77	32598-13-3	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-78	70362-49-1	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-79	41464-48-6	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-80	33284-52-5	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-81	70362-50-4	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-82	52663-62-4	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-83	60145-20-2	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-84	52663-60-2	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-85/116/117	85-116-117	ng/L	0.0629 U	0.0585 U	0.0712 U	0.872 U	0.0690 U	0.074 U	0.0719 U	0.0712 U	0.0716 U	0.0707 U
PCB-86/87/97/108/119/125	868797108119125	ng/L	0.126 U	0.117 U	0.142 U	1.74 U	0.138 U	0.15 U	0.144 U	0.142 U	0.143 U	0.141 U
PCB-88/91	88-91	ng/L	0.0419 U	0.0390 U	0.0474 U	0.581 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.0472 U
PCB-89	73575-57-2	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-90/101/113	90-101-113	ng/L	0.0629 U	0.0593	0.0712 U	0.872 U	0.0690 U	0.074 U	0.0719 U	0.0712 U	0.0716 U	0.0880 U
PCB-92	52663-61-3	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0238
PCB-93/98/100/102	9398100102	ng/L	0.0838 U	0.0780 U	0.0949 U	1.16 U	0.0920 U	0.099 U	0.0958 U	0.0949 U	0.0955 U	0.0943 U
PCB-94	73575-55-0	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-95	38379-99-6	ng/L	0.0587 U	0.0546 U	0.0664 U	0.552 U	0.0644 U	0.069 U	0.0671 U	0.0664 U	0.0669 U	0.0660 U
PCB-96	73575-54-9	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-99	38380-01-7	ng/L	0.0245	0.0195 UX	0.0242 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0380 U
PCB-103	60145-21-3	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-104	56558-16-8	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-105	32598-14-4	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-106	70424-69-0	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-107/124	107-124	ng/L	0.0419 U	0.0390 U	0.0474 U	0.581 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.0472 U
PCB-109	74472-35-8	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U

Location:			STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	DERBY DAM
Sample Date:			04/09/24	05/13/24	06/24/24	07/23/24	08/12/24	09/16/24	10/07/24	11/11/24	12/09/24	01/22/24
PCB CONGENERS BY HRMS (EPA 1668C)												
PCB-110/115	110-115	ng/L	0.0443	0.0439	0.0474 U	0.581 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.0694 U
PCB-111	39635-32-0	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-112	74472-36-9	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-114	74472-37-0	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-118	31508-00-6	ng/L	0.0327 U	0.0304 U	0.0370 U	0.372 U	0.0359 U	0.039 U	0.0374 U	0.0370 U	0.0373 U	0.0390 U
PCB-120	68194-12-7	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-121	56558-18-0	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-122	76842-07-4	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-123	65510-44-3	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-126	57465-28-8	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-127	39635-33-1	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-128/166	128-166	ng/L	0.0419 U	0.0390 U	0.0474 U	0.581 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.0472 U
PCB-129/138/163	129-138-163	ng/L	0.0912	0.0778	0.0712 U	0.872 U	0.0690 U	0.074 U	0.0719 U	0.0712 U	0.0716 U	0.163
PCB-130	52663-66-8	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-131	61798-70-7	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-132	38380-05-1	ng/L	0.0251	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0407
PCB-133	35694-04-3	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-134/143	134-143	ng/L	0.0419 U	0.0390 U	0.0474 U	0.581 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.0472 U
PCB-135/151	135-151	ng/L	0.0525	0.0509	0.0474 U	0.581 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.0814
PCB-136	38411-22-2	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-137	35694-06-5	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-139/140	139-140	ng/L	0.0419 U	0.0390 U	0.0474 U	0.581 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.0472 U
PCB-141	52712-04-6	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0314
PCB-142	41411-61-4	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-144	68194-14-9	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-145	74472-40-5	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-146	51908-16-8	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0351
PCB-147/149	147-149	ng/L	0.0968	0.0697	0.0597 U	0.581 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.159 U
PCB-148	74472-41-6	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-150	68194-08-1	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-152	68194-09-2	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-153/168	153-168	ng/L	0.0995	0.0786	0.0728	0.581 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.168
PCB-154	60145-22-4	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-155	33979-03-2	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-156/157	156-157	ng/L	0.0419 U	0.0390 U	0.0474 U	0.581 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.0472 U
PCB-158	74472-42-7	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-159	39635-35-3	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-160	41411-62-5	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-161	74472-43-8	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-162	39635-34-2	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-164	74472-45-0	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U

Location:			STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	STEVENSON DAM	DERBY DAM
Sample Date:			04/09/24	05/13/24	06/24/24	07/23/24	08/12/24	09/16/24	10/07/24	11/11/24	12/09/24	01/22/24
PCB CONGENERS BY HRMS (EPA 1668C)												
PCB-165	74472-46-1	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-167	52663-72-6	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-169	32774-16-6	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-170	35065-30-6	ng/L	0.0272	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0490
PCB-171/173	171-173	ng/L	0.0419 U	0.0390 U	0.0474 U	0.581 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.0472 U
PCB-172	52663-74-8	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-174	38411-25-5	ng/L	0.0355	0.0209	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0609
PCB-175	40186-70-7	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-176	52663-65-7	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-177	52663-70-4	ng/L	0.0234	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0387
PCB-178	52663-67-9	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-179	52663-64-6	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0298
PCB-180/193	180-193	ng/L	0.0684	0.0390 U	0.0474 U	0.581 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.124
PCB-181	74472-47-2	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-182	60145-23-5	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-183/185	183-185	ng/L	0.0419 U	0.0390 U	0.0474 U	0.581 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.0472 U
PCB-184	74472-48-3	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-186	74472-49-4	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-187	52663-68-0	ng/L	0.0469	0.0368	0.0284	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0780
PCB-188	74487-85-7	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-189	39635-31-9	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-190	41411-64-7	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-191	74472-50-7	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-192	74472-51-8	ng/L	0.0210 U	0.0195 U	0.0237 U	0.291 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-194	35694-08-7	ng/L	0.0210 U	0.0195 U	0.0237 U	0.436 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0260
PCB-195	52663-78-2	ng/L	0.0210 U	0.0195 U	0.0237 U	0.436 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-196	42740-50-1	ng/L	0.0210 U	0.0195 U	0.0237 U	0.436 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-197/200	197-200	ng/L	0.0419 U	0.0390 U	0.0474 U	0.872 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.0472 U
PCB-198/199	198-199	ng/L	0.0419 U	0.0390 U	0.0474 U	0.872 U	0.0460 U	0.049 U	0.0479 U	0.0474 U	0.0478 U	0.0472 U
PCB-201	40186-71-8	ng/L	0.0210 U	0.0195 U	0.0237 U	0.436 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-202	2136-99-4	ng/L	0.0210 U	0.0195 U	0.0237 U	0.436 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-203	52663-76-0	ng/L	0.0210 U	0.0195 U	0.0237 U	0.436 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-204	74472-52-9	ng/L	0.0210 U	0.0195 U	0.0237 U	0.436 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-205	74472-53-0	ng/L	0.0210 U	0.0195 U	0.0237 U	0.436 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-206	40186-72-9	ng/L	0.0210 U	0.0195 U	0.0237 U	0.436 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-207	52663-79-3	ng/L	0.0210 U	0.0195 U	0.0237 U	0.436 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-208	52663-77-1	ng/L	0.0210 U	0.0195 U	0.0237 U	0.436 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
PCB-209	2051-24-3	ng/L	0.0210 U	0.0195 U	0.0237 U	0.436 U	0.0230 U	0.025 U	0.0240 U	0.0237 U	0.0239 U	0.0236 U
Total PCBs as Congeners	ARC-TCongeners	ng/L	0.932	0.676	0.101	1.74 U	0.225 U	0.0980	0.0782	0.0340	0.234 U	1.24

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM
Sample Date:			02/12/24	03/11/24	04/09/24	05/13/24	06/24/24	07/23/24	08/12/24	09/16/24	10/07/24	11/11/24	12/09/24
PCB CONGENERS BY HRMS (EPA 1668C)													
PCB-1	2051-60-7	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-2	2051-61-8	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-3	2051-62-9	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-4	13029-08-8	ng/L	0.123	0.138	0.0988	0.0668	0.0564 U	0.148 U	0.0569 U	0.084	0.0620	0.0233	0.0243 U
PCB-5	16605-91-7	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-6	25569-80-6	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-7	33284-50-3	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-8	34883-43-7	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-9	34883-39-1	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-10	33146-45-1	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-11	2050-67-1	ng/L	0.250 U	0.239 U	0.223 U	0.227 U	0.222 U	1.45 U	0.233 U	0.17 U	0.215 U	0.208 U	0.209 U
PCB-12/13	12-13	ng/L	0.0510 U	0.0488 U	0.0454 U	0.0464 U	0.0453 U	0.296 U	0.0475 U	0.035 U	0.0440 U	0.0424 U	0.0426 U
PCB-14	34883-41-5	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-15	2050-68-2	ng/L	0.0336 U	0.0322 U	0.0300 U	0.0306 U	0.0299 U	0.196 U	0.0313 U	0.023 U	0.0290 U	0.0280 U	0.0281 U
PCB-16	38444-78-9	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-17	37680-66-3	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-18/30	18-30	ng/L	0.0510 U	0.0488 U	0.0454 U	0.0464 U	0.0453 U	0.296 U	0.0475 U	0.035 U	0.0440 U	0.0424 U	0.0426 U
PCB-19	38444-73-4	ng/L	0.0721	0.0619	0.0560	0.0365	0.0226 U	0.148 U	0.0237 U	0.020	0.0220 U	0.0212 U	0.0213 U
PCB-20/28	20-28	ng/L	0.132 U	0.126 U	0.117 U	0.120 U	0.117 U	0.764 U	0.122 U	0.091 U	0.113 U	0.109 U	0.110 U
PCB-21/33	21-33	ng/L	0.138 U	0.132 U	0.123 U	0.125 U	0.122 U	0.800 U	0.128 U	0.095 U	0.119 U	0.114 U	0.115 U
PCB-22	38444-85-8	ng/L	0.0969 U	0.0928 U	0.0864 U	0.0881 U	0.0860 U	0.563 U	0.0902 U	0.067 U	0.0835 U	0.0805 U	0.0809 U
PCB-23	55720-44-0	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-24	55702-45-9	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-25	55712-37-3	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-26/29	26-29	ng/L	0.0510 U	0.0488 U	0.0454 U	0.0464 U	0.0453 U	0.296 U	0.0475 U	0.035 U	0.0440 U	0.0424 U	0.0426 U
PCB-27	38444-76-7	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-31	16606-02-3	ng/L	0.133 U	0.127 U	0.118 U	0.121 U	0.118 U	0.770 U	0.123 U	0.092 U	0.114 U	0.110 U	0.111 U
PCB-32	38444-77-8	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-34	37680-68-5	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-35	37680-69-6	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-36	38444-87-0	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-37	38444-90-5	ng/L	0.0540 U	0.0518 U	0.0482 U	0.0492 U	0.0480 U	0.314 U	0.0503 U	0.037 U	0.0466 U	0.0449 U	0.0451 U
PCB-38	53555-66-1	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-39	38444-88-1	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.148 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-40/41/71	40-41-71	ng/L	0.0765 U	0.0733 U	0.0682 U	0.0696 U	0.0679 U	0.889 U	0.0712 U	0.053 U	0.0660 U	0.0636 U	0.0638 U
PCB-42	36559-22-5	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-44/47/65	44-47-65	ng/L	0.137	0.0913	0.0899	0.0696 U	0.0745	0.889 U	0.0712 U	0.053 U	0.0660 U	0.0636 U	0.0638 U
PCB-45/51	45-51	ng/L	0.0607	0.0488 U	0.0454 U	0.0464 U	0.0453 U	0.593 U	0.0475 U	0.035 U	0.0440 U	0.0424 U	0.0426 U
PCB-46	41464-47-5	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-48	70362-47-9	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-49/69	49-69	ng/L	0.0840	0.0538	0.0519	0.0464 U	0.0453 U	0.593 U	0.0475 U	0.035 U	0.0440 U	0.0424 U	0.0426 U

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM
Sample Date:			02/12/24	03/11/24	04/09/24	05/13/24	06/24/24	07/23/24	08/12/24	09/16/24	10/07/24	11/11/24	12/09/24
PCB CONGENERS BY HRMS (EPA 1668C)													
PCB-50/53	50-53	ng/L	0.0554	0.0488 U	0.0454 U	0.0464 U	0.0453 U	0.593 U	0.0475 U	0.035 U	0.0440 U	0.0424 U	0.0426 U
PCB-52	35693-99-3	ng/L	0.132 U	0.126 U	0.117 U	0.120 U	0.117 U	0.912 U	0.122 U	0.091 U	0.113 U	0.109 U	0.110 U
PCB-54	15968-05-5	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-55	74338-24-2	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-56	41464-43-1	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-57	70424-67-8	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-58	41464-49-7	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-59/62/75	59-62-75	ng/L	0.0765 U	0.0733 U	0.0682 U	0.0696 U	0.0679 U	0.889 U	0.0712 U	0.053 U	0.0660 U	0.0636 U	0.0638 U
PCB-60	33025-41-1	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-61/70/74/76	61-70-74-76	ng/L	0.102 U	0.0977 U	0.0909 U	0.0928 U	0.0906 U	1.19 U	0.0949 U	0.070 U	0.0879 U	0.0848 U	0.0851 U
PCB-63	74472-34-7	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-64	52663-58-8	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-66	32598-10-0	ng/L	0.0602 U	0.0576 U	0.0536 U	0.0547 U	0.0534 U	0.498 U	0.0560 U	0.042 U	0.0519 U	0.0500 U	0.0502 U
PCB-67	73575-53-8	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-68	73575-52-7	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-72	41464-42-0	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-77	32598-13-3	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-78	70362-49-1	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-79	41464-48-6	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-80	33284-52-5	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-81	70362-50-4	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-82	52663-62-4	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-83	60145-20-2	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-84	52663-60-2	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-85/116/117	85-116-117	ng/L	0.0765 U	0.0733 U	0.0682 U	0.0696 U	0.0679 U	0.889 U	0.0712 U	0.053 U	0.0660 U	0.0636 U	0.0638 U
PCB-86/87/97/108/119/125	868797108119125	ng/L	0.153 U	0.147 U	0.136 U	0.139 U	0.136 U	1.78 U	0.142 U	0.11 U	0.132 U	0.127 U	0.128 U
PCB-88/91	88-91	ng/L	0.0510 U	0.0488 U	0.0454 U	0.0464 U	0.0453 U	0.593 U	0.0475 U	0.035 U	0.0440 U	0.0424 U	0.0426 U
PCB-89	73575-57-2	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-90/101/113	90-101-113	ng/L	0.112	0.0775	0.0712	0.0696 U	0.0692 U	0.889 U	0.0712 U	0.053 U	0.0660 U	0.0636 U	0.0638 U
PCB-92	52663-61-3	ng/L	0.0325	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-93/98/100/102	9398100102	ng/L	0.102 U	0.0977 U	0.0909 U	0.0928 U	0.0906 U	1.19 U	0.0949 U	0.070 U	0.0879 U	0.0848 U	0.0851 U
PCB-94	73575-55-0	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-95	38379-99-6	ng/L	0.0801	0.0684 U	0.0636 U	0.0649 U	0.0634 U	0.563 U	0.0664 U	0.049 U	0.0616 U	0.0593 U	0.0596 U
PCB-96	73575-54-9	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-99	38380-01-7	ng/L	0.0500	0.0321 U	0.0301	0.0232 U	0.0293 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-103	60145-21-3	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-104	56558-16-8	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-105	32598-14-4	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-106	70424-69-0	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-107/124	107-124	ng/L	0.0510 U	0.0488 U	0.0454 U	0.0464 U	0.0453 U	0.593 U	0.0475 U	0.035 U	0.0440 U	0.0424 U	0.0426 U
PCB-109	74472-35-8	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM
Sample Date:			02/12/24	03/11/24	04/09/24	05/13/24	06/24/24	07/23/24	08/12/24	09/16/24	10/07/24	11/11/24	12/09/24
PCB CONGENERS BY HRMS (EPA 1668C)													
PCB-110/115	110-115	ng/L	0.0866	0.0621	0.0537	0.0464 U	0.0513 U	0.593 U	0.0475 U	0.035 U	0.0440 U	0.0424 U	0.0426 U
PCB-111	39635-32-0	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-112	74472-36-9	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-114	74472-37-0	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-118	31508-00-6	ng/L	0.0416	0.0381 U	0.0355 U	0.0362 U	0.0353 U	0.379 U	0.0370 U	0.027 U	0.0343 U	0.0331 U	0.0332 U
PCB-120	68194-12-7	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-121	56558-18-0	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-122	76842-07-4	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-123	65510-44-3	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-126	57465-28-8	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-127	39635-33-1	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-128/166	128-166	ng/L	0.0510 U	0.0488 U	0.0454 U	0.0464 U	0.0453 U	0.593 U	0.0475 U	0.035 U	0.0440 U	0.0424 U	0.0426 U
PCB-129/138/163	129-138-163	ng/L	0.218	0.162	0.117	0.137	0.0873	0.889 U	0.0712 U	0.053 U	0.0660 U	0.0636 U	0.0638 U
PCB-130	52663-66-8	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-131	61798-70-7	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-132	38380-05-1	ng/L	0.0553	0.0381	0.0297	0.0322	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-133	35694-04-3	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-134/143	134-143	ng/L	0.0510 U	0.0488 U	0.0454 U	0.0464 U	0.0453 U	0.593 U	0.0475 U	0.035 U	0.0440 U	0.0424 U	0.0426 U
PCB-135/151	135-151	ng/L	0.111	0.0728	0.0623	0.0464 UX	0.0453 U	0.593 U	0.0475 U	0.035 U	0.0440 U	0.0424 U	0.0426 U
PCB-136	38411-22-2	ng/L	0.0280	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-137	35694-06-5	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-139/140	139-140	ng/L	0.0510 U	0.0488 U	0.0454 U	0.0464 U	0.0453 U	0.593 U	0.0475 U	0.035 U	0.0440 U	0.0424 U	0.0426 U
PCB-141	52712-04-6	ng/L	0.0406	0.0296	0.0228	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-142	41411-61-4	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-144	68194-14-9	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-145	74472-40-5	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-146	51908-16-8	ng/L	0.0468	0.0330	0.0257	0.0294	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-147/149	147-149	ng/L	0.216	0.146	0.116	0.124	0.0874 U	0.593 U	0.0561	0.042 U	0.0440 U	0.0424 U	0.0426 U
PCB-148	74472-41-6	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-150	68194-08-1	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-152	68194-09-2	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-153/168	153-168	ng/L	0.230	0.163	0.123	0.132	0.0983	0.593 U	0.0600	0.046	0.0440 U	0.0424 U	0.0426 U
PCB-154	60145-22-4	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-155	33979-03-2	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-156/157	156-157	ng/L	0.0510 U	0.0488 U	0.0454 U	0.0464 U	0.0453 U	0.593 U	0.0475 U	0.035 U	0.0440 U	0.0424 U	0.0426 U
PCB-158	74472-42-7	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-159	39635-35-3	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-160	41411-62-5	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-161	74472-43-8	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-162	39635-34-2	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-164	74472-45-0	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location:			DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM	DERBY DAM
Sample Date:			02/12/24	03/11/24	04/09/24	05/13/24	06/24/24	07/23/24	08/12/24	09/16/24	10/07/24	11/11/24	12/09/24
PCB CONGENERS BY HRMS (EPA 1668C)													
PCB-165	74472-46-1	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-167	52663-72-6	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-169	32774-16-6	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-170	35065-30-6	ng/L	0.0760	0.0504	0.0344	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-171/173	171-173	ng/L	0.0510 U	0.0488 U	0.0454 U	0.0464 U	0.0453 U	0.593 U	0.0475 U	0.035 U	0.0440 U	0.0424 U	0.0426 U
PCB-172	52663-74-8	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-174	38411-25-5	ng/L	0.0923	0.0569	0.0420	0.0232 U	0.0268	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-175	40186-70-7	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-176	52663-65-7	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-177	52663-70-4	ng/L	0.0583	0.0363	0.0282	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-178	52663-67-9	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-179	52663-64-6	ng/L	0.0422	0.0273	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-180/193	180-193	ng/L	0.176	0.115	0.0828	0.0464 U	0.0506	0.593 U	0.0475 U	0.035 U	0.0440 U	0.0424 U	0.0426 U
PCB-181	74472-47-2	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-182	60145-23-5	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-183/185	183-185	ng/L	0.0561	0.0488 U	0.0454 U	0.0464 U	0.0453 U	0.593 U	0.0475 U	0.035 U	0.0440 U	0.0424 U	0.0426 U
PCB-184	74472-48-3	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-186	74472-49-4	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-187	52663-68-0	ng/L	0.120	0.0794	0.0585	0.0504	0.0389	0.296 U	0.0248	0.021	0.0220 U	0.0212 U	0.0213 U
PCB-188	74487-85-7	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-189	39635-31-9	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-190	41411-64-7	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-191	74472-50-7	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-192	74472-51-8	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.296 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-194	35694-08-7	ng/L	0.0426	0.0257	0.0227 U	0.0232 U	0.0226 U	0.444 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-195	52663-78-2	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.444 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-196	42740-50-1	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.444 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-197/200	197-200	ng/L	0.0510 U	0.0488 U	0.0454 U	0.0464 U	0.0453 U	0.889 U	0.0475 U	0.035 U	0.0440 U	0.0424 U	0.0426 U
PCB-198/199	198-199	ng/L	0.0510 U	0.0488 U	0.0454 U	0.0464 U	0.0453 U	0.889 U	0.0475 U	0.035 U	0.0440 U	0.0424 U	0.0426 U
PCB-201	40186-71-8	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.444 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-202	2136-99-4	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.444 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-203	52663-76-0	ng/L	0.0289	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.444 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-204	74472-52-9	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.444 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-205	74472-53-0	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.444 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-206	40186-72-9	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.444 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-207	52663-79-3	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.444 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-208	52663-77-1	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.444 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
PCB-209	2051-24-3	ng/L	0.0255 U	0.0244 U	0.0227 U	0.0232 U	0.0226 U	0.444 U	0.0237 U	0.018 U	0.0220 U	0.0212 U	0.0213 U
Total PCBs as Congeners	ARC-TCongeners	ng/L	2.57	1.52	1.19	0.608	0.376	1.78 U	0.141	0.171	0.0620	0.0233	0.209 U

Table B-1
Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Notes

ng/L = nanogram per liter

Field duplicate sample results are presented in brackets.

U = Indicates the compound was not detected above the reported sample quantitation limit.

J = Indicates the compound was positively identified; however, the associated numerical value is an estimated concentration only.

UX = The result is an estimated maximum possible concentration (EMPC).

Table B-2
PCB Congener Analytical Results from Split Samples Collected by GE and EPA

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID: / Date Collected:	CAS Number	Units	POMEROY AVE BRIDGE 05/16/24		NEW LENOX RD BRIDGE 01/25/24		WOODS POND DAM 02/15/24		WOODS POND DAM 07/25/24		WOODS POND DAM AUTO 09/18/24		OLD PLEASANT ST BRIDGE 06/26/24	
			GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA
Total PCB Congeners by 1668														
Total PCBs as Congeners	ARC-TCongeners	ng/L	9.38	11.1 J	97.7	138 J	48.1	42 J	122	208 J	156	223 J	71.3	87.8 J
Individual PCB Congeners by 1668														
PCB-1	2051-60-7	ng/L	0.0225 U	0.02 U	0.112	0.025 J	0.287	0.063 J	0.139 U	0.06 J	0.0750	0.072	0.11	0.061
PCB-2	2051-61-8	ng/L	0.0225 U	0.2 U	0.0224 U	0.097 U	0.0236 U	0.097 U	0.139 U	0.2 U	0.0230 U	0.0021 J	0.023 U	0.19 U
PCB-3	2051-62-9	ng/L	0.0225 U	0.059 U	0.0224 U	0.15 U	0.0269	0.011 J	0.139 U	0.01 J	0.0230 U	0.058 U	0.023 U	0.01 J
PCB-4	13029-08-8	ng/L	4.47	3.4	2.69	1.8	3.37	2 J	3.99	2.9	3.19	3.3	2.7	1.8
PCB-5	16605-91-7	ng/L	0.0225 U	0.2 U	0.0224 U	0.019 U	0.0236 U	0.019 U	0.139 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-6	25569-80-6	ng/L	0.0301	0.2 U	0.0578	0.019 U	0.0893	0.045 J	0.139 U	0.2 U	0.0744	0.097 J	0.073	0.056 J
PCB-7	33284-50-3	ng/L	0.0225 U	0.2 U	0.0224 U	0.039 U	0.0236 U	0.039 U	0.139 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-8	34883-43-7	ng/L	0.0355	0.2 U	0.0733 U	0.039 U	0.119	0.057 J	0.139 U	0.2 U	0.106	0.14 J	0.11 U	0.084 J
PCB-9	34883-39-1	ng/L	0.0225 U	0.2 U	0.0224 U	0.039 U	0.0236 U	0.039 U	0.139 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-10	33146-45-1	ng/L	0.141	0.17 J	0.0847	0.09 J	0.0944	0.068 J	0.156	0.15 J	0.136	0.17 J	0.095	0.077 J
PCB-11	2050-67-1	ng/L	0.220 U	0.2 U	0.220 U	0.15 U	0.231 U	0.15 U	1.36 U	0.2 U	0.225 U	0.19 U	0.23 U	0.19 U
PCB-12/13	12-13	ng/L	0.0449 U	NA	0.0448 U	NA	0.0472 U	NA	0.279 U	NA	0.0467	NA	0.047 U	NA
PCB-14	34883-41-5	ng/L	0.0225 U	0.2 U	0.0224 U	0.039 U	0.0236 U	0.039 U	0.139 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-12	2974-92-7	ng/L	NA	0.39 U	NA	0.19 U	NA	0.021 J	NA	0.39 U	NA	0.049 J	NA	0.023 J
PCB-15	2050-68-2	ng/L	0.0902	0.076 J	0.0932	0.093 J	0.107	0.07 J	0.311	0.085 J	0.257	0.3	0.19	0.16
PCB-13	2974-90-5	ng/L	NA	0.39 U	NA	0.19 U	NA	0.021 J	NA	0.39 U	NA	0.049 J	NA	0.023 J
PCB-16	38444-78-9	ng/L	0.0555	0.073 J	0.0257	0.027 J	0.0346	0.039 U	0.139 U	0.11 J	0.0904	0.11 J	0.061	0.056 J
PCB-17	37680-66-3	ng/L	0.239	0.3	0.315	0.39	0.280	0.22 J	0.835	0.89	0.705	0.9	0.44	0.41
PCB-18/30	18-30	ng/L	0.219	NA	0.178	NA	0.177	NA	0.641	NA	0.569	NA	0.34	NA
PCB-19	38444-73-4	ng/L	1.02	0.89	1.57	1.4	1.78	0.87 J	3.16	2.4	2.37	2.7	2.1	1.3
PCB-20/28	20-28	ng/L	0.116 U	NA	0.125	NA	0.158	NA	0.830	NA	0.742	NA	0.43	NA
PCB-21/33	21-33	ng/L	0.121 U	NA	0.121 U	NA	0.128 U	NA	0.752 U	NA	0.186	NA	0.13 U	NA
PCB-18	37680-65-2	ng/L	NA	0.23 J	NA	0.17 J	NA	0.11 J	NA	0.56	NA	0.57	NA	0.27 J
PCB-22	38444-85-8	ng/L	0.0854 U	0.2 U	0.0852 U	0.019 U	0.0897 U	0.019 U	0.529 U	0.02 J	0.0872 U	0.091 J	0.089 U	0.051 J
PCB-23	55720-44-0	ng/L	0.0225 U	0.2 U	0.0224 U	0.039 U	0.0236 U	0.039 U	0.139 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-20	38444-84-7	ng/L	NA	0.046 J	NA	0.13	NA	0.13 J	NA	0.17 J	NA	0.99	NA	0.4
PCB-24	55702-45-9	ng/L	0.0225 U	0.2 U	0.0224 U	0.019 U	0.0236 U	0.019 U	0.139 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-21	55702-46-0	ng/L	NA	0.39 U	NA	0.061 J	NA	0.063 J	NA	0.26 J	NA	0.34 J	NA	0.09 J
PCB-25	55712-37-3	ng/L	0.0461	0.041 J	0.112	0.063 J	0.109	0.048 J	0.454	0.061 J	0.374	0.5	0.22	0.19
PCB-26/29	26-29	ng/L	0.125	NA	0.180	NA	0.133	NA	0.495	NA	0.428	NA	0.25	NA
PCB-27	38444-76-7	ng/L	0.239	0.28	0.263	0.3 J	0.219	0.16 J	0.589	0.52	0.452	0.52	0.33	0.28
PCB-31	16606-02-3	ng/L	0.117 U	0.082 J	0.117 U	0.16	0.123 U	0.097 U	0.724 U	0.1 J	0.365	0.53	0.24	0.22
PCB-32	38444-77-8	ng/L	0.121	0.12 J	0.258	0.34	0.330	0.26 J	0.961	1.5	0.963	1.6	0.46	0.62
PCB-34	37680-68-5	ng/L	0.0225 U	0.2 U	0.0224 U	0.019 U	0.0236 U	0.019 U	0.139 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-26	38444-81-4	ng/L	NA	0.12 J	NA	0.2	NA	0.12 J	NA	0.11 J	NA	0.56	NA	0.23 J
PCB-35	37680-69-6	ng/L	0.0225 U	0.2 U	0.0224 U	0.039 U	0.0236 U	0.039 U	0.139 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-36	38444-87-0	ng/L	0.0225 U	0.2 U	0.0224 U	0.019 U	0.0236 U	0.019 U	0.139 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-28	7012-37-5	ng/L	NA	0.046 J	NA	0.13	NA	0.13 J	NA	0.17 J	NA	0.99	NA	0.4
PCB-37	38444-90-5	ng/L	0.0476 U	0.02 U	0.0475 U	0.023 J	0.0501 U	0.013 J	0.295 U	0.023 J	0.0605	0.075 J	0.049 U	0.042 J

Table B-2
PCB Congener Analytical Results from Split Samples Collected by GE and EPA

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID:			POMEROY AVE BRIDGE		NEW LENOX RD BRIDGE		WOODS POND DAM		WOODS POND DAM		WOODS POND DAM AUTO		OLD PLEASANT ST BRIDGE	
Date Collected:			05/16/24		01/25/24		02/15/24		07/25/24		09/18/24		06/26/24	
	CAS Number	Units	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA
Individual PCB Congeners by 1668 (continued)														
PCB-29	15862-07-4	ng/L	NA	0.12 J	NA	0.2	NA	0.12 J	NA	0.11 J	NA	0.56	NA	0.23 J
PCB-38	53555-66-1	ng/L	0.0225 U	0.2 U	0.0224 U	0.019 U	0.0236 U	0.019 U	0.139 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-30	35693-92-6	ng/L	NA	0.23 J	NA	0.17 J	NA	0.11 J	NA	0.56	NA	0.57	NA	0.27 J
PCB-39	38444-88-1	ng/L	0.0225 U	0.2 U	0.0224 U	0.039 U	0.0236 U	0.039 U	0.139 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-40/41/71	40-41-71	ng/L	0.0674 U	NA	0.250	NA	0.312	NA	1.41	NA	1.49	NA	0.77	NA
PCB-33	38444-86-9	ng/L	NA	0.39 U	NA	0.061 J	NA	0.063 J	NA	0.26 J	NA	0.34 J	NA	0.09 J
PCB-41	52663-59-9	ng/L	NA	0.2 U	NA	0.039 U	NA	0.039 U	NA	0.2 U	NA	0.19 U	NA	0.19 U
PCB-42	36559-22-5	ng/L	0.0240	0.036 J	0.0975	0.12	0.106	0.092 J	0.510	0.66	0.556	0.62	0.28	0.26
PCB-43	70362-46-8	ng/L	NA	0.2 U	NA	0.026 UJ	NA	0.019 U	NA	0.2 U	NA	0.19 U	NA	0.19 U
PCB-44/47/65	44-47-65	ng/L	0.258	NA	2.17	NA	2.33	NA	9.44	NA	11.0	NA	5.3	NA
PCB-45/51	45-51	ng/L	0.138	NA	1.34	NA	1.44	NA	6.17	NA	5.90	NA	2.8	NA
PCB-46	41464-47-5	ng/L	0.0225 U	0.035 J	0.0597	0.076 J	0.0677	0.069 J	0.370	0.53	0.353	0.48	0.19	0.19
PCB-48	70362-47-9	ng/L	0.0225 U	0.2 U	0.0224 U	0.029 UJ	0.0236 U	0.019 U	0.279 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-49/69	49-69	ng/L	0.217	NA	1.48	NA	1.30	NA	5.63	NA	5.86	NA	2.9	NA
PCB-40	38444-93-8	ng/L	NA	0.064 J	NA	0.31	NA	0.28 J	NA	1.9	NA	1.7	NA	0.75
PCB-50/53	50-53	ng/L	0.216	NA	0.927	NA	0.996	NA	5.03	NA	4.90	NA	2.6	NA
PCB-52	35693-99-3	ng/L	0.462	0.58	1.44	2	0.909	0.93 J	3.28	4.1	3.22	3.7	1.9	1.7
PCB-54	15968-05-5	ng/L	0.0696	0.078	0.370	0.46	0.503	0.3 J	1.60	1.3	1.30	1.7	0.87	0.63
PCB-55	74338-24-2	ng/L	0.0225 U	0.2 U	0.0224 U	0.039 U	0.0236 U	0.039 U	0.279 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-56	41464-43-1	ng/L	0.0225 U	0.2 U	0.0335	0.033 J	0.0236 U	0.019 U	0.279 U	0.042 J	0.0663	0.072 J	0.038	0.031 J
PCB-44	41464-39-5	ng/L	NA	0.37 J	NA	3	NA	2.5 J	NA	14	NA	13	NA	5.4
PCB-57	70424-67-8	ng/L	0.0225 U	0.2 U	0.0754	0.019 U	0.0236 U	0.019 U	0.279 U	0.2 U	0.0230 U	0.033 J	0.023 U	0.19 U
PCB-45	70362-45-7	ng/L	NA	0.18 J	NA	1.9	NA	1.6 J	NA	8.7	NA	7.7	NA	3
PCB-58	41464-49-7	ng/L	0.0225 U	0.2 U	0.0224 U	0.019 U	0.0236 U	0.044 J	0.279 U	0.21	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-59/62/75	59-62-75	ng/L	0.0674 U	NA	0.0672 U	NA	0.0708 U	NA	0.836 U	NA	0.210	NA	0.10	NA
PCB-47	2437-79-8	ng/L	NA	0.37 J	NA	3	NA	2.5 J	NA	14	NA	13	NA	5.4
PCB-60	33025-41-1	ng/L	0.0225 U	0.2 U	0.0224 U	0.039 U	0.0236 U	0.039 U	0.279 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-61/70/74/76	61-70-74-76	ng/L	0.0898 U	NA	0.296	NA	0.179	NA	1.11 U	NA	0.589	NA	0.34	NA
PCB-63	74472-34-7	ng/L	0.0225 U	0.2 U	0.0224 U	0.039 U	0.0236 U	0.015 J	0.279 U	0.2 U	0.0775	0.12 J	0.035	0.043 J
PCB-49	41464-40-8	ng/L	NA	0.29 J	NA	1.9	NA	1.3 J	NA	7.4	NA	6.9	NA	2.9
PCB-64	52663-58-8	ng/L	0.0326	0.052 J	0.0725	0.11	0.0488	0.047 J	0.279 U	0.23	0.165	0.21	0.11	0.1 J
PCB-50	62796-65-0	ng/L	NA	0.32 J	NA	1.3	NA	1.2 J	NA	6.6	NA	6	NA	2.6
PCB-66	32598-10-0	ng/L	0.0530 U	0.032 J	0.213	0.27	0.169	0.16 J	0.685	0.5	0.754	1.1	0.38	0.41
PCB-51	68194-04-7	ng/L	NA	0.18 J	NA	1.9	NA	1.6 J	NA	8.7	NA	7.7	NA	3
PCB-67	73575-53-8	ng/L	0.0225 U	0.2 U	0.0224 U	0.019 U	0.0236 U	0.019 U	0.279 U	0.2 U	0.0371	0.19 U	0.023 U	0.19 U
PCB-68	73575-52-7	ng/L	0.0225 U	0.0065 J	0.0224 U	0.043	0.0365	0.039 J	0.279 U	0.11 J	0.183	0.32	0.079	0.09 J
PCB-53	41464-41-9	ng/L	NA	0.32 J	NA	1.3	NA	1.2 J	NA	6.6	NA	6	NA	2.6
PCB-72	41464-42-0	ng/L	0.0225 U	0.0045 J	0.0224 U	0.024	0.0236 U	0.023 J	0.279 U	0.071 J	0.109	0.18 J	0.051	0.058 J
PCB-73	74338-23-1	ng/L	NA	0.0099 J	NA	0.052 J	NA	0.062 J	NA	0.21	NA	0.19	NA	0.088 J
PCB-77	32598-13-3	ng/L	0.0225 U	0.02 U	0.0224 U	0.019 U	0.0236 U	0.0099 J	0.279 U	0.031 UJ	0.0356	0.041 J	0.023 U	0.023 J
PCB-78	70362-49-1	ng/L	0.0225 U	0.2 U	0.0224 U	0.019 U	0.0236 U	0.019 U	0.279 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U

Table B-2
PCB Congener Analytical Results from Split Samples Collected by GE and EPA

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID:			POMEROY AVE BRIDGE		NEW LENOX RD BRIDGE		WOODS POND DAM		WOODS POND DAM		WOODS POND DAM AUTO		OLD PLEASANT ST BRIDGE	
Date Collected:			05/16/24		01/25/24		02/15/24		07/25/24		09/18/24		06/26/24	
	CAS Number	Units	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA
Individual PCB Congeners by 1668 (continued)														
PCB-79	41464-48-6	ng/L	0.0225 U	0.2 U	0.0224 U	0.039 U	0.0236 U	0.0094 J	0.279 U	0.2 U	0.0299	0.074 J	0.023 U	0.19 U
PCB-80	33284-52-5	ng/L	0.0225 U	0.2 U	0.0224 U	0.025 J	0.0236 U	0.011 J	0.279 U	0.075 J	0.0230 U	0.073 J	0.023 U	0.19 U
PCB-59	74472-33-6	ng/L	NA	0.011 J	NA	0.084	NA	0.049 J	NA	0.27 J	NA	0.29 J	NA	0.11 J
PCB-81	70362-50-4	ng/L	0.0225 U	0.02 U	0.0224 U	0.019 U	0.0236 U	0.019 U	0.279 U	0.031 UJ	0.0230 U	0.019 U	0.023 U	0.019 U
PCB-82	52663-62-4	ng/L	0.0225 U	0.2 U	0.0991	0.11 J	0.0369	0.026 U	0.279 U	0.2 U	0.109	0.19 U	0.056	0.19 U
PCB-83	60145-20-2	ng/L	0.0225 U	0.061 J	0.0858	1.7 J	0.0415	0.6 J	0.279 U	3.8	0.165	4.4	0.080	1.6
PCB-61	33284-53-6	ng/L	NA	0.083 J	NA	0.38	NA	0.17 J	NA	0.47 J	NA	0.83	NA	0.34 J
PCB-62	54230-22-7	ng/L	NA	0.011 J	NA	0.084	NA	0.049 J	NA	0.27 J	NA	0.29 J	NA	0.11 J
PCB-84	52663-60-2	ng/L	0.0379	0.048 J	0.299	0.44 J	0.141	0.15 J	0.403	0.74	0.447	0.75	0.27	0.31
PCB-85/116/117	85-116-117	ng/L	0.0674 U	NA	0.264	NA	0.120	NA	0.836 U	NA	0.460	NA	0.20	NA
PCB-86/87/97/108/119/125	868797108119125	ng/L	0.135 U	NA	1.04	NA	0.464	NA	1.67 U	NA	1.58	NA	0.76	NA
PCB-65	33284-54-7	ng/L	NA	0.37 J	NA	3	NA	2.5 J	NA	14	NA	13	NA	5.4
PCB-88/91	88-91	ng/L	0.0449 U	NA	0.613	NA	0.430	NA	1.59	NA	1.85	NA	0.94	NA
PCB-89	73575-57-2	ng/L	0.0225 U	0.2 U	0.0224 U	0.077 UJ	0.0236 U	0.039 U	0.279 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-90/101/113	90-101-113	ng/L	0.140	NA	3.18	NA	1.44	NA	3.71	NA	4.78	NA	2.4	NA
PCB-92	52663-61-3	ng/L	0.0263	0.041 J	0.690	0.89 J	0.386	0.38 J	1.27	2.2	1.58	2.4	0.72	0.9
PCB-93/98/100/102	9398100102	ng/L	0.0898 U	NA	0.513	NA	0.363	NA	1.19	NA	1.54	NA	0.70	NA
PCB-94	73575-55-0	ng/L	0.0225 U	0.2 U	0.101	0.14 J	0.0876	0.1 J	0.344	0.69	0.429	0.74	0.21	0.24
PCB-95	38379-99-6	ng/L	0.237	0.39	2.36	4.4 J	1.01	1.4 J	2.68	5.3	2.93	4.8	1.8	2.2
PCB-96	73575-54-9	ng/L	0.0225 U	0.2 U	0.0573	0.088 J	0.0460	0.05 J	0.279 U	0.37	0.227	0.36	0.11	0.13 J
PCB-69	60233-24-1	ng/L	NA	0.29 J	NA	1.9	NA	1.3 J	NA	7.4	NA	6.9	NA	2.9
PCB-99	38380-01-7	ng/L	0.0390	0.061 J	1.07	1.7 J	0.532	0.6 J	1.69	3.8	2.21	4.4	0.98	1.6
PCB-103	60145-21-3	ng/L	0.0225 U	0.2 U	0.179	0.25 J	0.130	0.13 J	0.432	0.87	0.546	0.9	0.26	0.31
PCB-70	32598-11-1	ng/L	NA	0.083 J	NA	0.38	NA	0.17 J	NA	0.47 J	NA	0.83	NA	0.34 J
PCB-104	56558-16-8	ng/L	0.0225 U	0.02 U	0.0494	0.086	0.0584	0.041 J	0.279 U	0.17	0.134	0.24	0.070	0.084
PCB-71	41464-46-4	ng/L	NA	0.064 J	NA	0.31	NA	0.28 J	NA	1.9	NA	1.7	NA	0.75
PCB-105	32598-14-4	ng/L	0.0225 U	0.02 U	0.298	0.48 J	0.0979	0.087 J	0.279 U	0.39 J	0.254	0.49 J	0.13	0.17 J
PCB-106	70424-69-0	ng/L	0.0225 U	0.2 U	0.0224 U	0.067 UJ	0.0236 U	0.039 U	0.279 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-107	70424-68-9	ng/L	NA	0.2 U	NA	0.11 J	NA	0.039 J	NA	0.21	NA	0.32	NA	0.086 J
PCB-107/124	107-124	ng/L	0.0449 U	NA	0.0530	NA	0.0472 U	NA	0.557 U	NA	0.0634	NA	0.047 U	NA
PCB-74	32690-93-0	ng/L	NA	0.083 J	NA	0.38	NA	0.17 J	NA	0.47 J	NA	0.83	NA	0.34 J
PCB-109	74472-35-8	ng/L	0.0225 U	0.073 J	0.0793	1.4	0.0458	0.43 J	0.279 U	2.1	0.185	2.3	0.088	0.95 J
PCB-75	32598-12-2	ng/L	NA	0.011 J	NA	0.084	NA	0.049 J	NA	0.27 J	NA	0.29 J	NA	0.11 J
PCB-110/115	110-115	ng/L	0.0920	NA	2.41	NA	0.965	NA	2.45	NA	2.82	NA	1.5	NA
PCB-76/66	70362-48-0	ng/L	NA	0.083 J	NA	0.38	NA	0.17 J	NA	0.47 J	NA	0.83	NA	0.34 J
PCB-111	39635-32-0	ng/L	0.0225 U	0.2 U	0.0224 U	0.053 UJ	0.0236 U	0.039 U	0.279 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-112	74472-36-9	ng/L	0.0225 U	0.2 U	0.0224 U	0.049 UJ	0.0236 U	0.019 U	0.279 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-114	74472-37-0	ng/L	0.0225 U	0.02 U	0.0224 U	0.066 UJ	0.0236 U	0.039 U	0.279 U	0.12 UJ	0.0230 U	0.074 UJ	0.023 U	0.032 UJ
PCB-118	31508-00-6	ng/L	0.0388	0.057 J	1.10	1.6 J	0.394	0.42 J	0.992	1.7 J	1.28	2.2 J	0.57	0.83 J
PCB-120	68194-12-7	ng/L	0.0225 U	0.2 U	0.0224 U	0.045 UJ	0.0236 U	0.019 U	0.279 U	0.2 U	0.0533	0.19 U	0.023 U	0.19 U
PCB-121	56558-18-0	ng/L	0.0225 U	0.2 U	0.0224 U	0.047 UJ	0.0236 U	0.019 U	0.279 U	0.2 U	0.0249	0.19 U	0.023 U	0.19 U

Table B-2
PCB Congener Analytical Results from Split Samples Collected by GE and EPA

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID:			POMEROY AVE BRIDGE		NEW LENOX RD BRIDGE		WOODS POND DAM		WOODS POND DAM		WOODS POND DAM AUTO		OLD PLEASANT ST BRIDGE	
Date Collected:			05/16/24		01/25/24		02/15/24		07/25/24		09/18/24		06/26/24	
	CAS Number	Units	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA
Individual PCB Congeners by 1668 (continued)														
PCB-122	76842-07-4	ng/L	0.0225 U	0.2 U	0.0224 U	0.062 UJ	0.0236 U	0.039 U	0.279 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-123	65510-44-3	ng/L	0.0225 U	0.02 U	0.0265	0.066 UJ	0.0236 U	0.039 U	0.279 U	0.12 UJ	0.0311	0.075 UJ	0.023 U	0.032 UJ
PCB-126	57465-28-8	ng/L	0.0225 U	0.02 U	0.0224 U	0.063 UJ	0.0236 U	0.021 U	0.279 U	0.081 UJ	0.0230 U	0.072 UJ	0.023 U	0.032 UJ
PCB-127	39635-33-1	ng/L	0.0225 U	0.2 U	0.0224 U	0.053 UJ	0.0236 U	0.02 U	0.279 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-128/166	128-166	ng/L	0.0449 U	NA	0.510	NA	0.179	NA	0.557 U	NA	0.447	NA	0.22	NA
PCB-85	65510-45-4	ng/L	NA	0.59 U	NA	0.35	NA	0.14 J	NA	0.62	NA	0.69	NA	0.13 J
PCB-129/138/163	129-138-163	ng/L	0.0930	NA	7.27	NA	2.82	NA	6.46	NA	8.84	NA	3.6	NA
PCB-86	55312-69-1	ng/L	NA	0.073 J	NA	1.4	NA	0.43 J	NA	2.1	NA	2.3	NA	0.95 J
PCB-130	52663-66-8	ng/L	0.0225 U	0.0086 J	0.272	0.5 J	0.127	0.11 J	0.322	0.54	0.465	0.7	0.18	0.26
PCB-131	61798-70-7	ng/L	0.0225 U	0.2 U	0.0420	0.12 UJ	0.0236 U	0.025 U	0.279 U	0.2 U	0.0516	0.19 U	0.023 U	0.19 U
PCB-132	38380-05-1	ng/L	0.0301	0.051 J	1.89	3.6 J	0.750	0.72 J	1.70	1.9	2.38	3.5	1.0	1.3
PCB-87	38380-02-8	ng/L	NA	0.073 J	NA	1.4	NA	0.43 J	NA	2.1	NA	2.3	NA	0.95 J
PCB-133	35694-04-3	ng/L	0.0225 U	0.0042 J	0.131	0.22 J	0.0677	0.059 J	0.279 U	0.21	0.274	0.39	0.11	0.15 J
PCB-134/143	134-143	ng/L	0.0449 U	NA	0.321	NA	0.129	NA	0.557 U	NA	0.374	NA	0.18	NA
PCB-135/151	135-151	ng/L	0.0587	NA	3.45	NA	1.50	NA	3.56	NA	5.38	NA	2.0	NA
PCB-88	55215-17-3	ng/L	NA	0.046 J	NA	0.91 J	NA	0.45 J	NA	3.1	NA	3.1	NA	1.1
PCB-136	38411-22-2	ng/L	0.0234	0.035 J	1.05	1.9 J	0.448	0.42 J	1.07	1.4	1.39	2	0.59	0.76
PCB-137	35694-06-5	ng/L	0.0225 U	0.2 U	0.110	0.15 J	0.0413	0.039 J	0.279 U	0.16 J	0.191	0.25	0.069	0.067 J
PCB-139/140	139-140	ng/L	0.0449 U	NA	0.0648	NA	0.0472 U	NA	0.557 U	NA	0.120	NA	0.047 U	NA
PCB-90	68194-07-0	ng/L	NA	0.23 J	NA	4.7	NA	1.5 J	NA	7.2	NA	7.5	NA	3.2
PCB-141	52712-04-6	ng/L	0.0225 U	0.036 J	1.59	4 J	0.615	0.62 J	1.21	2.4	1.82	2.8	0.76	1.2
PCB-142	41411-61-4	ng/L	0.0225 U	0.2 U	0.0224 U	0.13 UJ	0.0236 U	0.029 U	0.279 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-91	68194-05-8	ng/L	NA	0.046 J	NA	0.91 J	NA	0.45 J	NA	3.1	NA	3.1	NA	1.1
PCB-144	68194-14-9	ng/L	0.0225 U	0.0092 J	0.362	0.66 J	0.149	0.13 J	0.305	0.36	0.460	0.59	0.18	0.23
PCB-145	74472-40-5	ng/L	0.0225 U	0.2 U	0.0224 U	0.086 UJ	0.0236 U	0.019 U	0.279 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-146	51908-16-8	ng/L	0.0225 U	0.03 J	1.06	1.6 J	0.537	0.39 J	1.35	1.1	1.95	2.7	0.73	0.91
PCB-93	73575-56-1	ng/L	NA	0.018 J	NA	0.078 U	NA	0.078 U	NA	1.6	NA	1.9	NA	0.6
PCB-147/149	147-149	ng/L	0.114	NA	7.24	NA	3.01	NA	7.07	NA	9.68	NA	4.1	NA
PCB-148	74472-41-6	ng/L	0.0225 U	0.2 U	0.0380	0.11 UJ	0.0236 U	0.023 U	0.279 U	0.2 U	0.0981	0.13 J	0.034	0.19 U
PCB-150	68194-08-1	ng/L	0.0225 U	0.2 U	0.0429	0.081 UJ	0.0251	0.02 U	0.279 U	0.11 J	0.109	0.17 J	0.040	0.19 U
PCB-152	68194-09-2	ng/L	0.0225 U	0.2 U	0.0251	0.084 UJ	0.0236 U	0.019 U	0.279 U	0.087 J	0.0884	0.12 J	0.031	0.19 U
PCB-97	41464-51-1	ng/L	NA	0.073 J	NA	1.4	NA	0.43 J	NA	2.1	NA	2.3	NA	0.95 J
PCB-153/168	153-168	ng/L	0.0976	NA	7.35	NA	2.97	NA	6.62	NA	9.95	NA	3.9	NA
PCB-98	60233-25-2	ng/L	NA	0.39 U	NA	0.2 J	NA	0.1 J	NA	0.67	NA	0.68	NA	0.24 J
PCB-154	60145-22-4	ng/L	0.0225 U	0.0044 J	0.164	0.1 UJ	0.0861	0.19 J	0.279 U	0.67	0.389	0.57	0.13	0.11 J
PCB-100	39485-83-1	ng/L	NA	0.018 J	NA	0.078 U	NA	0.078 U	NA	1.6	NA	1.9	NA	0.6
PCB-155	33979-03-2	ng/L	0.0225 U	0.02 U	0.0224 U	0.068 UJ	0.0236 U	0.019 U	0.279 U	0.073 UJ	0.0230 U	0.084 UJ	0.023 U	0.053 UJ
PCB-101	37680-73-2	ng/L	NA	0.23 J	NA	4.7	NA	1.5 J	NA	7.2	NA	7.5	NA	3.2
PCB-156/157	156-157	ng/L	0.0449 U	NA	0.382	NA	0.127	NA	0.557 U	NA	0.439	NA	0.16	NA
PCB-102	68194-06-9	ng/L	NA	0.39 U	NA	0.2 J	NA	0.1 J	NA	0.67	NA	0.68	NA	0.24 J
PCB-158	74472-42-7	ng/L	0.0225 U	0.016 J	0.497	1.1 J	0.195	0.18 J	0.419	0.73	0.573	0.95	0.24	0.35

Table B-2
PCB Congener Analytical Results from Split Samples Collected by GE and EPA

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID:			POMEROY AVE BRIDGE		NEW LENOX RD BRIDGE		WOODS POND DAM		WOODS POND DAM		WOODS POND DAM AUTO		OLD PLEASANT ST BRIDGE	
Date Collected:			05/16/24		01/25/24		02/15/24		07/25/24		09/18/24		06/26/24	
	CAS Number	Units	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA
Individual PCB Congeners by 1668 (continued)														
PCB-159	39635-35-3	ng/L	0.0225 U	0.2 U	0.0417	0.2	0.0307	0.03 J	0.279 U	0.16 J	0.125	0.26	0.023 U	0.079 J
PCB-160	41411-62-5	ng/L	0.0225 U	0.17 J	0.0224 U	12 J	0.0236 U	2.3 J	0.279 U	9.8	0.0230 U	12	0.023 U	5.2
PCB-161	74472-43-8	ng/L	0.0225 U	0.2 U	0.0224 U	0.1 UJ	0.0236 U	0.023 U	0.279 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-162	39635-34-2	ng/L	0.0225 U	0.2 U	0.0242	0.039 U	0.0236 U	0.009 J	0.279 U	0.044 J	0.0279	0.053 J	0.023 U	0.018 J
PCB-164	74472-45-0	ng/L	0.0225 U	0.02 J	0.442	1.3 J	0.197	0.2 J	0.391	0.96	0.557	1	0.25	0.5
PCB-165	74472-46-1	ng/L	0.0225 U	0.2 U	0.0224 U	0.089 UJ	0.0236 U	0.02 U	0.279 U	0.2 U	0.0327	0.19 U	0.023 U	0.19 U
PCB-167	52663-72-6	ng/L	0.0225 U	0.02 U	0.189	0.36	0.0754	0.079 J	0.279 U	0.33	0.277	0.26 J	0.10	0.16
PCB-108	70362-41-3	ng/L	NA	0.39 U	NA	0.12 U	NA	0.12 U	NA	0.39 U	NA	0.39 U	NA	0.39 U
PCB-169	32774-16-6	ng/L	0.0225 U	0.02 U	0.0224 U	0.019 U	0.0236 U	0.019 U	0.279 U	0.02 U	0.0230 U	0.019 U	0.023 U	0.019 U
PCB-170	35065-30-6	ng/L	0.0225 U	0.05 J	2.83	4.3 J	0.946	1 J	2.48	7.7 J	3.17	6.5	1.2	2.2
PCB-171/173	171-173	ng/L	0.0449 U	NA	0.896	NA	0.306	NA	0.778	NA	0.987	NA	0.37	NA
PCB-110	38380-03-9	ng/L	NA	0.15 J	NA	3.8 J	NA	0.93 J	NA	4.1	NA	4.3	NA	2
PCB-172	52663-74-8	ng/L	0.0225 U	0.0087 J	0.552	0.79 J	0.197	0.2 J	0.499	1.6 J	0.654	1.3	0.24	0.48
PCB-174	38411-25-5	ng/L	0.0229	0.066 J	3.46	5.8 J	1.20	1.4 J	2.90	11 J	3.66	7.3	1.4	3.2
PCB-175	40186-70-7	ng/L	0.0225 U	0.0016 J	0.118	0.24	0.0462	0.045 J	0.279 U	0.35 J	0.161	0.26	0.056	0.086 J
PCB-176	52663-65-7	ng/L	0.0225 U	0.0068 J	0.409	0.85	0.144	0.15 J	0.378	1.2 J	0.521	0.87	0.18	0.29
PCB-177	52663-70-4	ng/L	0.0225 U	0.03 J	2.07	2.6 J	0.696	0.7 J	1.80	5.1 J	2.35	4	0.88	1.5
PCB-113	68194-10-5	ng/L	NA	0.23 J	NA	4.7	NA	1.5 J	NA	7.2	NA	7.5	NA	3.2
PCB-178	52663-67-9	ng/L	0.0225 U	0.017 J	0.733	1.4	0.279	0.27 J	0.734	2.3 J	1.03	1.6	0.37	0.57
PCB-179	52663-64-6	ng/L	0.0225 U	0.023 J	1.51	2.7	0.536	0.47 J	1.45	1.1 J	1.96	2.9	0.69	1
PCB-115	74472-38-1	ng/L	NA	0.15 J	NA	3.8 J	NA	0.93 J	NA	4.1	NA	4.3	NA	2
PCB-180/193	180-193	ng/L	0.0451	NA	7.16	NA	2.43	NA	5.96	NA	7.39	NA	2.8	NA
PCB-116	18259-05-7	ng/L	NA	0.59 U	NA	0.35	NA	0.14 J	NA	0.62	NA	0.69	NA	0.13 J
PCB-181	74472-47-2	ng/L	0.0225 U	0.2 U	0.0224 U	0.06 UJ	0.0236 U	0.019 U	0.279 U	0.2 UJ	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-117	68194-11-6	ng/L	NA	0.59 U	NA	0.35	NA	0.14 J	NA	0.62	NA	0.69	NA	0.13 J
PCB-182	60145-23-5	ng/L	0.0225 U	0.2 U	0.0224 U	0.019 U	0.0236 U	0.0069 J	0.279 U	0.047 J	0.0232	0.053 J	0.023 U	0.019 J
PCB-183	52663-69-1	ng/L	NA	0.028 J	NA	2.1 J	NA	0.63 J	NA	4.5 J	NA	3.7	NA	1.1
PCB-119	56558-17-9	ng/L	NA	0.073 J	NA	1.4	NA	0.43 J	NA	2.1	NA	2.3	NA	0.95 J
PCB-183/185	183-185	ng/L	0.0449 U	NA	2.25	NA	0.787	NA	1.92	NA	2.40	NA	0.93	NA
PCB-184	74472-48-3	ng/L	0.0225 U	0.2 U	0.0224 U	0.019 U	0.0236 U	0.019 U	0.279 U	0.2 UJ	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-185	52712-05-7	ng/L	NA	0.0034 J	NA	0.72 J	NA	0.18 J	NA	1 J	NA	0.71 J	NA	0.36
PCB-186	74472-49-4	ng/L	0.0225 U	0.2 U	0.0224 U	0.019 U	0.0236 U	0.019 U	0.279 U	0.2 UJ	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-187	52663-68-0	ng/L	0.0311	0.075 J	3.85	7.3	1.45	1.3 J	3.78	11 J	4.90	7.8	1.8	2.8
PCB-188	74487-85-7	ng/L	0.0225 U	0.02 U	0.0224 U	0.018 J	0.0236 U	0.019 U	0.279 U	0.02 UJ	0.0231	0.043	0.023 U	0.012 J
PCB-189	39635-31-9	ng/L	0.0225 U	0.02 U	0.106	0.19	0.0362	0.037 J	0.279 U	0.17	0.136	0.27	0.044	0.083
PCB-124	70424-70-3	ng/L	NA	0.39 U	NA	0.055 U	NA	0.039 U	NA	0.39 U	NA	0.39 U	NA	0.39 U
PCB-190	41411-64-7	ng/L	0.0225 U	0.011 J	0.666	0.95 J	0.217	0.19 J	0.545	1.6 J	0.687	1.3	0.26	0.47
PCB-125	74472-39-2	ng/L	NA	0.073 J	NA	1.4	NA	0.43 J	NA	2.1	NA	2.3	NA	0.95 J
PCB-191	74472-50-7	ng/L	0.0225 U	0.2 U	0.135	0.17 J	0.0395	0.044 J	0.279 U	0.3 J	0.124	0.24	0.050	0.09 J
PCB-192	74472-51-8	ng/L	0.0225 U	0.2 U	0.0224 U	0.046 UJ	0.0236 U	0.019 U	0.279 U	0.2 UJ	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-194	35694-08-7	ng/L	0.0225 U	0.024 J	1.60	2.1	0.484	0.34 J	1.27	2.3	1.77	3.4	0.60	1.1

Table B-2
PCB Congener Analytical Results from Split Samples Collected by GE and EPA

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID:			POMEROY AVE BRIDGE		NEW LENOX RD BRIDGE		WOODS POND DAM		WOODS POND DAM		WOODS POND DAM AUTO		OLD PLEASANT ST BRIDGE	
Date Collected:			05/16/24		01/25/24		02/15/24		07/25/24		09/18/24		06/26/24	
	CAS Number	Units	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA
Individual PCB Congeners by 1668 (continued)														
PCB-128	38380-07-3	ng/L	NA	0.02 J	NA	1.2 J	NA	0.18 J	NA	0.89	NA	1.2	NA	0.41
PCB-195	52663-78-2	ng/L	0.0225 U	0.0056 J	0.697	0.92	0.210	0.17 J	0.584	1.1	0.778	1.5	0.28	0.48
PCB-129	55215-18-4	ng/L	NA	0.17 J	NA	12 J	NA	2.3 J	NA	9.8	NA	12	NA	5.2
PCB-196	42740-50-1	ng/L	0.0225 U	0.0081 J	0.736	1.3	0.248	0.28 J	0.696	1.2	0.929	1.9	0.33	0.54
PCB-197	33091-17-7	ng/L	NA	0.2 U	NA	0.085	NA	0.021 J	NA	0.079 J	NA	0.13 J	NA	0.036 J
PCB-197/200	197-200	ng/L	0.0449 U	NA	0.197	NA	0.0890	NA	0.836 U	NA	0.316	NA	0.12	NA
PCB-198/199	198-199	ng/L	0.0449 U	NA	1.61	NA	0.542	NA	1.55	NA	1.44	NA	0.66	NA
PCB-200	52663-73-7	ng/L	NA	0.2 U	NA	0.51	NA	0.084 J	NA	0.36	NA	0.53	NA	0.18 J
PCB-201	40186-71-8	ng/L	0.0225 U	0.0022 J	0.188	0.35	0.0644	0.071 J	0.418 U	0.3	0.232	0.49	0.086	0.14 J
PCB-202	2136-99-4	ng/L	0.0225 U	0.0038 J	0.311	0.47	0.0998	0.079 J	0.418 U	0.43	0.364	0.68	0.13	0.21
PCB-134	52704-70-8	ng/L	NA	0.0069 J	NA	0.49 J	NA	0.1 J	NA	0.33 J	NA	0.6	NA	0.21 J
PCB-203	52663-76-0	ng/L	0.0225 U	0.012 J	0.980	1.7	0.324	0.32 J	0.839	1.4	1.14	2.1	0.42	0.63
PCB-135	52744-13-5	ng/L	NA	0.099 J	NA	6.4 J	NA	1.2 J	NA	3.7	NA	7	NA	2.7
PCB-204	74472-52-9	ng/L	0.0225 U	0.2 U	0.0224 U	0.019 U	0.0236 U	0.019 U	0.418 U	0.2 U	0.0230 U	0.19 U	0.023 U	0.19 U
PCB-205	74472-53-0	ng/L	0.0225 U	0.02 U	0.0839	0.13 J	0.0285	0.023 J	0.418 U	0.13	0.103	0.2	0.036	0.066
PCB-206	40186-72-9	ng/L	0.0225 U	0.02 U	0.386	0.52	0.119	0.088 J	0.418 U	0.53	0.404	0.7 J	0.13	0.25
PCB-138	35065-28-2	ng/L	NA	0.17 J	NA	12 J	NA	2.3 J	NA	9.8	NA	12	NA	5.2
PCB-207	52663-79-3	ng/L	0.0225 U	0.2 U	0.0490	0.068	0.0236 U	0.0092 J	0.418 U	0.069 J	0.0540	0.095 J	0.023 U	0.04 J
PCB-208	52663-77-1	ng/L	0.0225 U	0.02 U	0.0752	0.097	0.0236 U	0.018 J	0.418 U	0.1	0.0767	0.13 J	0.029	0.048 J
PCB-139	56030-56-9	ng/L	NA	0.39 U	NA	0.1 UJ	NA	0.039 U	NA	0.39 U	NA	0.19 J	NA	0.39 U
PCB-209	2051-24-3	ng/L	0.0225 U	0.02 U	0.0324	0.051 J	0.0236 U	0.0089 J	0.418 U	0.035 J	0.0259	0.058	0.023 U	0.019 U
PCB-140	59291-64-4	ng/L	NA	0.39 U	NA	0.1 UJ	NA	0.039 U	NA	0.39 U	NA	0.19 J	NA	0.39 U
PCB-143	68194-15-0	ng/L	NA	0.0069 J	NA	0.49 J	NA	0.1 J	NA	0.33 J	NA	0.6	NA	0.21 J
PCB-147	68194-13-8	ng/L	NA	0.2 J	NA	12 J	NA	2.8 J	NA	7.6	NA	13	NA	5.5
PCB-149	38380-04-0	ng/L	NA	0.2 J	NA	12 J	NA	2.8 J	NA	7.6	NA	13	NA	5.5
PCB-151	52663-63-5	ng/L	NA	0.099 J	NA	6.4 J	NA	1.2 J	NA	3.7	NA	7	NA	2.7
PCB-153	35065-27-1	ng/L	NA	0.17 J	NA	12 J	NA	2.7 J	NA	10	NA	13	NA	5.3
PCB-156	38380-08-4	ng/L	NA	0.011 J	NA	0.65	NA	0.12 J	NA	0.52	NA	0.77	NA	0.25
PCB-157	69782-90-7	ng/L	NA	0.011 J	NA	0.65	NA	0.12 J	NA	0.52	NA	0.77	NA	0.25
PCB-163	74472-44-9	ng/L	NA	0.17 J	NA	12 J	NA	2.3 J	NA	9.8	NA	12	NA	5.2
PCB-166	41411-63-6	ng/L	NA	0.02 J	NA	1.2 J	NA	0.18 J	NA	0.89	NA	1.2	NA	0.41
PCB-168	59291-65-5	ng/L	NA	0.17 J	NA	12 J	NA	2.7 J	NA	10	NA	13	NA	5.3
PCB-171	52663-71-5	ng/L	NA	0.017 J	NA	1.3 J	NA	0.31 J	NA	2.5 J	NA	2	NA	0.75
PCB-173	68194-16-1	ng/L	NA	0.017 J	NA	1.3 J	NA	0.31 J	NA	2.5 J	NA	2	NA	0.75
PCB-180	35065-29-3	ng/L	NA	0.11 J	NA	10 J	NA	2.5 J	NA	19 J	NA	15	NA	5.7
PCB-193	69782-91-8	ng/L	NA	0.11 J	NA	10 J	NA	2.5 J	NA	19 J	NA	15	NA	5.7
PCB-198	68194-17-2	ng/L	NA	0.024 J	NA	2.6	NA	0.54 J	NA	2.3	NA	3.6	NA	1.1
PCB-199	52663-75-9	ng/L	NA	0.024 J	NA	2.6	NA	0.54 J	NA	2.3	NA	3.6	NA	1.1

Table B-2
PCB Congener Analytical Results from Split Samples Collected by GE and EPA

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID: / Date Collected:	CAS Number	Units	RISING POND DAM 04/11/24		RISING POND DAM AUTO 08/14/24		RANNAPO RD BRIDGE 12/11/24		FALLS VILLAGE DAM 10/08/24		CANAAN TLINE BRIDGE 03/12/24		RT. 341 BRIDGE 11/12/24	
			GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA
Total PCB Congeners by 1668														
Total PCBs as Congeners	ARC-TCongeners	ng/L	26.7	36.2 J	82.2	105 J	8.27	13.5 J	1.98	3.61 J	15.8	22 J [23.8 J]	1.50	16.6 J
Individual PCB Congeners by 1668														
PCB-1	2051-60-7	ng/L	0.037	0.027	0.0350	0.017 J	0.0231 U	0.031	0.0236 U	0.019 U	0.0229 U	0.099 U [0.098 U]	0.0203 U	0.019 U
PCB-2	2051-61-8	ng/L	0.023 U	0.2 U	0.0218 U	0.0014 J	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.099 U [0.098 U]	0.0203 U	0.19 U
PCB-3	2051-62-9	ng/L	0.023 U	0.0051 J	0.0218 U	0.0058 J	0.0231 U	0.0041 J+	0.0236 U	0.058 U	0.0229 U	0.15 U [0.15 U]	0.0203 U	0.058 U
PCB-4	13029-08-8	ng/L	0.74	0.64	1.27	0.72	0.567	0.58	0.0558	0.039 U	0.298	0.27 [0.26]	0.0297	0.022 J
PCB-5	16605-91-7	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.022]	0.0203 U	0.19 U
PCB-6	25569-80-6	ng/L	0.023 U	0.018 J	0.0382	0.019 J	0.0231 U	0.017 J	0.0236 U	0.19 U	0.0229 U	0.0078 J [0.02 U]	0.0203 U	0.19 U
PCB-7	33284-50-3	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.04 U [0.039 U]	0.0203 U	0.19 U
PCB-8	34883-43-7	ng/L	0.025 U	0.2 U	0.0641 U	0.035 J	0.0231 U	0.03 J	0.0236 U	0.19 U	0.0229 U	0.04 U [0.039 U]	0.0203 U	0.19 U
PCB-9	34883-39-1	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.04 U [0.039 U]	0.0203 U	0.19 U
PCB-10	33146-45-1	ng/L	0.028	0.026 J	0.0561	0.037 J	0.0231 U	0.026 J	0.0236 U	0.19 U	0.0229 U	0.019 J [0.022 J]	0.0203 U	0.19 U
PCB-11	2050-67-1	ng/L	0.22 U	0.2 U	0.214 U	0.19 U	0.226 U	0.19 U	0.231 U	0.19 U	0.224 U	0.15 U [0.15 U]	0.199 U	0.19 U
PCB-12/13	12-13	ng/L	0.046 U	NA	0.0436 U	NA	0.0461 U	NA	0.0472 U	NA	0.0458 U	NA	0.0406 U	NA
PCB-14	34883-41-5	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.04 U [0.039 U]	0.0203 U	0.19 U
PCB-12	2974-92-7	ng/L	NA	0.39 U	NA	0.017 J	NA	0.38 U	NA	0.39 U	NA	0.0048 J [0.2 U]	NA	0.39 U
PCB-15	2050-68-2	ng/L	0.046	0.047 J	0.198	0.1	0.0304 U	0.033 J	0.0312 U	0.039 U	0.0302 U	0.099 U [0.098 U]	0.0268 U	0.039 U
PCB-13	2974-90-5	ng/L	NA	0.39 U	NA	0.017 J	NA	0.38 U	NA	0.39 U	NA	0.0048 J [0.2 U]	NA	0.39 U
PCB-16	38444-78-9	ng/L	0.023 U	0.017 J	0.0424	0.028 J	0.0231 U	0.014 J	0.0236 U	0.19 U	0.0229 U	0.04 U [0.039 U]	0.0203 U	0.19 U
PCB-17	37680-66-3	ng/L	0.11	0.14 J	0.277	0.21	0.0487	0.071 J	0.0236 U	0.0098 J	0.0506	0.067 [0.061]	0.0203 U	0.19 U
PCB-18/30	18-30	ng/L	0.075	NA	0.203	NA	0.0463	NA	0.0472 U	NA	0.0458 U	NA	0.0406 U	NA
PCB-19	38444-73-4	ng/L	0.53	0.5	1.34	0.69	0.248	0.25	0.0412	0.021	0.240	0.24 [0.22]	0.0203 U	0.014 J
PCB-20/28	20-28	ng/L	0.12 U	NA	0.319	NA	0.119 U	NA	0.122 U	NA	0.118 U	NA	0.105 U	NA
PCB-21/33	21-33	ng/L	0.12 U	NA	0.118 U	NA	0.124 U	NA	0.127 U	NA	0.124 U	NA	0.110 U	NA
PCB-18	37680-65-2	ng/L	NA	0.075 J	NA	0.13 J	NA	0.053 J	NA	0.39 U	NA	0.041 J+ [0.039 U]	NA	0.39 U
PCB-22	38444-85-8	ng/L	0.087 U	0.2 U	0.0828 U	0.029 J	0.0876 U	0.013 J	0.0897 U	0.19 U	0.0870 U	0.02 U [0.02 U]	0.0771 U	0.19 U
PCB-23	55720-44-0	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.04 U [0.039 U]	0.0203 U	0.19 U
PCB-20	38444-84-7	ng/L	NA	0.098 J	NA	0.25 J	NA	0.075 J	NA	0.021 J	NA	0.079 U [0.078 U]	NA	0.39 U
PCB-24	55702-45-9	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-21	55702-46-0	ng/L	NA	0.027 J	NA	0.061 J	NA	0.018 J	NA	0.39 U	NA	0.04 U [0.039 U]	NA	0.39 U
PCB-25	55712-37-3	ng/L	0.049	0.053 J	0.149	0.085 J	0.0231 U	0.025 J	0.0236 U	0.19 U	0.0231	0.022 [0.0062 J]	0.0203 U	0.19 U
PCB-26/29	26-29	ng/L	0.058	NA	0.166	NA	0.0461 U	NA	0.0472 U	NA	0.0458 U	NA	0.0406 U	NA
PCB-27	38444-76-7	ng/L	0.090	0.11 J	0.208	0.15 J	0.0382	0.048 J	0.0236 U	0.0072 J	0.0394	0.046 [0.042]	0.0203 U	0.0039 J
PCB-31	16606-02-3	ng/L	0.12 U	0.054 J	0.178	0.14 J	0.120 U	0.054 J	0.123 U	0.0078 J	0.119 U	0.099 U [0.098 U]	0.105 U	0.19 U
PCB-32	38444-77-8	ng/L	0.13	0.17 J	0.273	0.24	0.0333	0.082 J	0.0236 U	0.19 U	0.0625	0.081 [0.076]	0.0203 U	0.19 U
PCB-34	37680-68-5	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-26	38444-81-4	ng/L	NA	0.066 J	NA	0.12 J	NA	0.036 J	NA	0.39 U	NA	0.03 J [0.03 J]	NA	0.0025 J
PCB-35	37680-69-6	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.04 U [0.039 U]	0.0203 U	0.19 U
PCB-36	38444-87-0	ng/L	0.023 U	0.2 U	0.0218 U	0.052 J	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-28	7012-37-5	ng/L	NA	0.098 J	NA	0.25 J	NA	0.075 J	NA	0.021 J	NA	0.079 U [0.078 U]	NA	0.39 U
PCB-37	38444-90-5	ng/L	0.049 U	0.014 J	0.0462 U	0.036 J	0.0489 U	0.012 J	0.0501 U	0.019 U	0.0485 U	0.0066 J [0.008 J]	0.0430 U	0.0033 J

Table B-2
PCB Congener Analytical Results from Split Samples Collected by GE and EPA

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID:			RISING POND DAM		RISING POND DAM AUTO		RANNAPO RD BRIDGE		FALLS VILLAGE DAM		CANAAN TLINE BRIDGE		RT. 341 BRIDGE	
Date Collected:			04/11/24		08/14/24		12/11/24		10/08/24		03/12/24		11/12/24	
	CAS Number	Units	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA
Individual PCB Congeners by 1668 (continued)														
PCB-29	15862-07-4	ng/L	NA	0.066 J	NA	0.12 J	NA	0.036 J	NA	0.39 U	NA	0.03 J [0.03 J]	NA	0.0025 J
PCB-38	53555-66-1	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-30	35693-92-6	ng/L	NA	0.075 J	NA	0.13 J	NA	0.053 J	NA	0.39 U	NA	0.041 J+ [0.039 U]	NA	0.39 U
PCB-39	38444-88-1	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.04 U [0.039 U]	0.0203 U	0.19 U
PCB-40/41/71	40-41-71	ng/L	0.17	NA	0.514	NA	0.0692 U	NA	0.0708 U	NA	0.0749	NA	0.0608 U	NA
PCB-33	38444-86-9	ng/L	NA	0.027 J	NA	0.061 J	NA	0.018 J	NA	0.39 U	NA	0.04 U [0.039 U]	NA	0.39 U
PCB-41	52663-59-9	ng/L	NA	0.2 U	NA	0.19 U	NA	0.19 U	NA	0.19 U	NA	0.04 U [0.039 U]	NA	0.19 U
PCB-42	36559-22-5	ng/L	0.057	0.06 J	0.196	0.18 J	0.0271	0.033 J	0.0236 U	0.0067 J	0.0308	0.036 J [0.037 J]	0.0203 U	0.0054 J
PCB-43	70362-46-8	ng/L	NA	0.2 U	NA	0.19 U	NA	0.19 U	NA	0.19 U	NA	0.02 U [0.02 U]	NA	0.19 U
PCB-44/47/65	44-47-65	ng/L	1.2	NA	3.57	NA	0.382	NA	0.179	NA	0.532	NA	0.0608 U	NA
PCB-45/51	45-51	ng/L	0.68	NA	1.43	NA	0.160	NA	0.0472 U	NA	0.279	NA	0.0406 U	NA
PCB-46	41464-47-5	ng/L	0.037	0.045 J	0.104	0.11 J	0.0231 U	0.022 J	0.0236 U	0.19 U	0.0229 U	0.022 [0.017 J]	0.0203 U	0.19 U
PCB-48	70362-47-9	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-49/69	49-69	ng/L	0.68	NA	2.03	NA	0.247	NA	0.107	NA	0.320	NA	0.0406 U	NA
PCB-40	38444-93-8	ng/L	NA	0.18 J	NA	0.47	NA	0.084 J	NA	0.019 J	NA	0.093 [0.09]	NA	0.39 U
PCB-50/53	50-53	ng/L	0.52	NA	1.40	NA	0.217	NA	0.0536	NA	0.214	NA	0.0406 U	NA
PCB-52	35693-99-3	ng/L	0.48	0.58	1.32	1.2	0.216	0.24	0.122 U	0.075 J	0.246	0.33 [0.31]	0.105 U	0.19 U
PCB-54	15968-05-5	ng/L	0.17	0.2	0.641	0.35	0.0590	0.071	0.0236 U	0.0075 J	0.0777	0.088 [0.08]	0.0203 U	0.0026 J
PCB-55	74338-24-2	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.04 U [0.039 U]	0.0203 U	0.19 U
PCB-56	41464-43-1	ng/L	0.023 U	0.0063 J	0.0419	0.04 J	0.0231 U	0.021 J	0.0236 U	0.19 U	0.0229 U	0.011 J [0.012 J]	0.0203 U	0.19 U
PCB-44	41464-39-5	ng/L	NA	1.5	NA	3.8	NA	0.54 J	NA	0.58 U	NA	0.73 [0.72]	NA	0.58 U
PCB-57	70424-67-8	ng/L	0.023 U	0.2 U	0.0218 U	0.0093 J	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-45	70362-45-7	ng/L	NA	0.84	NA	1.5	NA	0.26 J	NA	0.029 J	NA	0.41 [0.38]	NA	0.39 U
PCB-58	41464-49-7	ng/L	0.023 U	0.016 J	0.0218 U	0.066 J	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.012 J [0.013 J]	0.0203 U	0.19 U
PCB-59/62/75	59-62-75	ng/L	0.069 U	NA	0.0722	NA	0.0692 U	NA	0.0708 U	NA	0.0687 U	NA	0.0608 U	NA
PCB-47	2437-79-8	ng/L	NA	1.5	NA	3.8	NA	0.54 J	NA	0.58 U	NA	0.73 [0.72]	NA	0.58 U
PCB-60	33025-41-1	ng/L	0.023 U	0.2 U	0.0218 U	0.008 J	0.0231 U	0.009 J	0.0236 U	0.19 U	0.0229 U	0.04 U [0.039 U]	0.0203 U	0.0032 J
PCB-61/70/74/76	61-70-74-76	ng/L	0.099	NA	0.312	NA	0.0978	NA	0.0944 U	NA	0.0916 U	NA	0.0811 U	NA
PCB-63	74472-34-7	ng/L	0.023 U	0.013 J	0.0291	0.034 J	0.0231 U	0.0072 J	0.0236 U	0.19 U	0.0229 U	0.0049 J [0.039 U]	0.0203 U	0.19 U
PCB-49	41464-40-8	ng/L	NA	0.82	NA	2	NA	0.34 J	NA	0.092 J	NA	0.41 [0.4]	NA	0.032 J
PCB-64	52663-58-8	ng/L	0.027	0.04 J	0.0824	0.087 J	0.0231 U	0.024 J	0.0236 U	0.0067 J	0.0229 U	0.024 J [0.025 J]	0.0203 U	0.19 U
PCB-50	62796-65-0	ng/L	NA	0.67	NA	1.4	NA	0.29 J	NA	0.04 J	NA	0.31 [0.29]	NA	0.02 J
PCB-66	32598-10-0	ng/L	0.11	0.1 J	0.358	0.38	0.0600	0.083 J	0.0557 U	0.024 J	0.0635	0.07 [0.073]	0.0479 U	0.19 U
PCB-51	68194-04-7	ng/L	NA	0.84	NA	1.5	NA	0.26 J	NA	0.029 J	NA	0.41 [0.38]	NA	0.39 U
PCB-67	73575-53-8	ng/L	0.023 U	0.0059 J	0.0218 U	0.0074 J	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-68	73575-52-7	ng/L	0.023 U	0.027 J	0.0678	0.084 J	0.0231 U	0.014 J	0.0236 U	0.0062 J	0.0229 U	0.014 J [0.013 J]	0.0203 U	0.19 U
PCB-53	41464-41-9	ng/L	NA	0.67	NA	1.4	NA	0.29 J	NA	0.04 J	NA	0.31 [0.29]	NA	0.02 J
PCB-72	41464-42-0	ng/L	0.023 U	0.02 J	0.0440	0.053 J	0.0231 U	0.0093 J	0.0236 U	0.0049 J	0.0229 U	0.0099 J [0.0096 J]	0.0203 U	0.19 U
PCB-73	74338-23-1	ng/L	NA	0.029 J	NA	0.075 J	NA	0.016 J	NA	0.19 U	NA	0.016 J [0.02]	NA	0.19 U
PCB-77	32598-13-3	ng/L	0.023 U	0.0063 J	0.0218 U	0.028	0.0231 U	0.0074 J	0.0236 U	0.019 U	0.0229 U	0.0059 J [0.011 J]	0.0203 U	0.0034 J
PCB-78	70362-49-1	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U

Table B-2
PCB Congener Analytical Results from Split Samples Collected by GE and EPA

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID:			RISING POND DAM		RISING POND DAM AUTO		RANNAPO RD BRIDGE		FALLS VILLAGE DAM		CANAAN TLINE BRIDGE		RT. 341 BRIDGE	
Date Collected:			04/11/24		08/14/24		12/11/24		10/08/24		03/12/24		11/12/24	
	CAS Number	Units	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA
Individual PCB Congeners by 1668 (continued)														
PCB-79	41464-48-6	ng/L	0.023 U	0.2 U	0.0218 U	0.018 J	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.0037 J [0.039 U]	0.0203 U	0.19 U
PCB-80	33284-52-5	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.0046 J [0.039 U]	0.0203 U	0.19 U
PCB-59	74472-33-6	ng/L	NA	0.028 J	NA	0.091 J	NA	0.016 J	NA	0.58 U	NA	0.018 J [0.014 J]	NA	0.58 U
PCB-81	70362-50-4	ng/L	0.023 U	0.02 U	0.0218 U	0.019 U	0.0231 U	0.019 U	0.0236 U	0.019 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.019 U
PCB-82	52663-62-4	ng/L	0.024	0.2 U	0.0679	0.19 U	0.0231 U	0.027 J+	0.0236 U	0.19 U	0.0229 U	0.018 J [0.024 J]	0.0203 U	0.19 U
PCB-83	60145-20-2	ng/L	0.025	0.6	0.0868	1.9	0.0231 U	0.29 J+	0.0236 U	0.097 J	0.0229 U	0.39 [0.42]	0.0203 U	0.085 J
PCB-61	33284-53-6	ng/L	NA	0.091 J	NA	0.32 J	NA	0.13 J	NA	0.021 J	NA	0.086 J [0.092 J]	NA	0.77 U
PCB-62	54230-22-7	ng/L	NA	0.028 J	NA	0.091 J	NA	0.016 J	NA	0.58 U	NA	0.018 J [0.014 J]	NA	0.58 U
PCB-84	52663-60-2	ng/L	0.081	0.1 J	0.222	0.3	0.0482	0.073 J+	0.0236 U	0.19 U	0.0511	0.078 J [0.085 J]	0.0205 U	0.031 J
PCB-85/116/117	85-116-117	ng/L	0.081	NA	0.252	NA	0.0692 U	NA	0.0708 U	NA	0.0687 U	NA	0.0608 U	NA
PCB-86/87/97/108/119/125	868797108119125	ng/L	0.29	NA	0.834	NA	0.151	NA	0.142 U	NA	0.194	NA	0.122 U	NA
PCB-65	33284-54-7	ng/L	NA	1.5	NA	3.8	NA	0.54 J	NA	0.58 U	NA	0.73 [0.72]	NA	0.58 U
PCB-88/91	88-91	ng/L	0.26	NA	0.799	NA	0.0773	NA	0.0472 U	NA	0.130	NA	0.0406 U	NA
PCB-89	73575-57-2	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.04 U [0.039 U]	0.0203 U	0.19 U
PCB-90/101/113	90-101-113	ng/L	0.88	NA	2.45	NA	0.327	NA	0.154	NA	0.525	NA	0.192 U	NA
PCB-92	52663-61-3	ng/L	0.25	0.31	0.750	0.96	0.0899	0.13 J+	0.0503	0.047 J	0.143	0.2 [0.2]	0.0314	0.045 J
PCB-93/98/100/102	9398100102	ng/L	0.21	NA	0.584	NA	0.0922 U	NA	0.0944 U	NA	0.100	NA	0.0811 U	NA
PCB-94	73575-55-0	ng/L	0.053	0.072 J	0.151	0.2	0.0231 U	0.023 J	0.0236 U	0.19 U	0.0237	0.036 J [0.03 J]	0.0203 U	0.19 U
PCB-95	38379-99-6	ng/L	0.63	0.86	1.55	2.1	0.233 U	0.34 J+	0.103	0.11 J	0.349	0.57 [0.57]	0.111 U	0.17 J
PCB-96	73575-54-9	ng/L	0.027	0.032 J	0.0754	0.096 J	0.0231 U	0.011 J+	0.0236 U	0.19 U	0.0229 U	0.019 J [0.018 J]	0.0203 U	0.19 U
PCB-69	60233-24-1	ng/L	NA	0.82	NA	2	NA	0.34 J	NA	0.092 J	NA	0.41 [0.4]	NA	0.032 J
PCB-99	38380-01-7	ng/L	0.37	0.6	1.17	1.9	0.142	0.29 J+	0.0717	0.097 J	0.234	0.39 [0.42]	0.0430 U	0.085 J
PCB-103	60145-21-3	ng/L	0.077	0.087 J	0.205	0.27	0.0231 U	0.033 J+	0.0236 U	0.0097 J	0.0367	0.059 J [0.057 J]	0.0203 U	0.19 U
PCB-70	32598-11-1	ng/L	NA	0.091 J	NA	0.32 J	NA	0.13 J	NA	0.021 J	NA	0.086 J [0.092 J]	NA	0.77 U
PCB-104	56558-16-8	ng/L	0.023 U	0.027 J	0.0963	0.06	0.0231 U	0.0066 J	0.0236 U	0.019 U	0.0229 U	0.014 J [0.014 J]	0.0203 U	0.019 U
PCB-71	41464-46-4	ng/L	NA	0.18 J	NA	0.47	NA	0.084 J	NA	0.019 J	NA	0.093 [0.09]	NA	0.39 U
PCB-105	32598-14-4	ng/L	0.070	0.077	0.168	0.32 J	0.0642	0.088	0.0236 U	0.012 J	0.0665	0.079 J [0.097 J]	0.0343 U	0.07
PCB-106	70424-69-0	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.04 U [0.039 U]	0.0203 U	0.19 U
PCB-107	70424-68-9	ng/L	NA	0.036 J	NA	0.15 J	NA	0.027 J+	NA	0.19 U	NA	0.028 J [0.032 J]	NA	0.011 J
PCB-107/124	107-124	ng/L	0.046 U	NA	0.0436 U	NA	0.0461 U	NA	0.0472 U	NA	0.0458 U	NA	0.0406 U	NA
PCB-74	32690-93-0	ng/L	NA	0.091 J	NA	0.32 J	NA	0.13 J	NA	0.021 J	NA	0.086 J [0.092 J]	NA	0.77 U
PCB-109	74472-35-8	ng/L	0.031	0.39 J	0.111	1.1 J	0.0231 U	0.23 J+	0.0236 U	0.048 J	0.0243	0.26 [0.28]	0.0203 U	0.1 J
PCB-75	32598-12-2	ng/L	NA	0.028 J	NA	0.091 J	NA	0.016 J	NA	0.58 U	NA	0.018 J [0.014 J]	NA	0.58 U
PCB-110/115	110-115	ng/L	0.62	NA	1.78	NA	0.287	NA	0.102	NA	0.410	NA	0.163 U	NA
PCB-76/66	70362-48-0	ng/L	NA	0.091 J	NA	0.32 J	NA	0.13 J	NA	0.021 J	NA	0.086 J [0.092 J]	NA	0.77 U
PCB-111	39635-32-0	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.04 U [0.039 U]	0.0203 U	0.19 U
PCB-112	74472-36-9	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-114	74472-37-0	ng/L	0.023 U	0.02 U	0.0218 U	0.047 UJ	0.0231 U	0.019 U	0.0236 U	0.019 U	0.0229 U	0.04 U [0.039 U]	0.0203 U	0.019 U
PCB-118	31508-00-6	ng/L	0.28	0.41	0.769	1.2 J	0.158	0.24	0.0394	0.054 J	0.217	0.29 [0.34]	0.0906 U	0.19
PCB-120	68194-12-7	ng/L	0.023 U	0.2 U	0.0344	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.025 J [0.012 J]	0.0203 U	0.19 U
PCB-121	56558-18-0	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U

Table B-2
PCB Congener Analytical Results from Split Samples Collected by GE and EPA

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID:			RISING POND DAM		RISING POND DAM AUTO		RANNAPO RD BRIDGE		FALLS VILLAGE DAM		CANAAN TLINE BRIDGE		RT. 341 BRIDGE	
Date Collected:			04/11/24		08/14/24		12/11/24		10/08/24		03/12/24		11/12/24	
	CAS Number	Units	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA
Individual PCB Congeners by 1668 (continued)														
PCB-122	76842-07-4	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.04 U [0.039 U]	0.0203 U	0.19 U
PCB-123	65510-44-3	ng/L	0.023 U	0.021 UJ	0.0218 U	0.051 UJ	0.0231 U	0.019 U	0.0236 U	0.019 U	0.0229 U	0.04 U [0.039 U]	0.0203 U	0.019 U
PCB-126	57465-28-8	ng/L	0.023 U	0.02 U	0.0218 U	0.046 UJ	0.0231 U	0.019 U	0.0236 U	0.019 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.019 U
PCB-127	39635-33-1	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-128/166	128-166	ng/L	0.11	NA	0.358	NA	0.0461 U	NA	0.0472 U	NA	0.0974	NA	0.0406 U	NA
PCB-85	65510-45-4	ng/L	NA	0.12 J	NA	0.35 J	NA	0.057 J+	NA	0.58 U	NA	0.051 J [0.058 J]	NA	0.023 J
PCB-129/138/163	129-138-163	ng/L	1.8	NA	6.20	NA	0.548	NA	0.237	NA	1.25	NA	0.646 U	NA
PCB-86	55312-69-1	ng/L	NA	0.39 J	NA	1.1 J	NA	0.23 J+	NA	0.048 J	NA	0.26 [0.28]	NA	0.1 J
PCB-130	52663-66-8	ng/L	0.089	0.12 J	0.312	0.42 J	0.0309	0.044 J+	0.0236 U	0.017 J	0.0570	0.088 J [0.1 J]	0.0239	0.051 J
PCB-131	61798-70-7	ng/L	0.023 U	0.2 U	0.0293	0.24 UJ	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.021 UJ [0.02 U]	0.0203 U	0.19 U
PCB-132	38380-05-1	ng/L	0.45	0.65	1.43	2.2 J	0.152	0.21 J+	0.0565	0.067 J	0.312	0.45 J [0.51]	0.182 U	0.39
PCB-87	38380-02-8	ng/L	NA	0.39 J	NA	1.1 J	NA	0.23 J+	NA	0.048 J	NA	0.26 [0.28]	NA	0.1 J
PCB-133	35694-04-3	ng/L	0.045	0.065 J	0.154	0.23 J	0.0231 U	0.014 J	0.0236 U	0.0086 J	0.0315	0.022 J [0.048 J]	0.0203 U	0.019 J
PCB-134/143	134-143	ng/L	0.084	NA	0.246	NA	0.0461 U	NA	0.0472 U	NA	0.0539	NA	0.0406 U	NA
PCB-135/151	135-151	ng/L	0.95	NA	2.89	NA	0.278	NA	0.150	NA	0.560	NA	0.317	NA
PCB-88	55215-17-3	ng/L	NA	0.34 J	NA	1.1	NA	0.13 J+	NA	0.048 J	NA	0.2 J [0.21 J]	NA	0.022 J
PCB-136	38411-22-2	ng/L	0.27	0.33	0.752	1	0.0762	0.088 J+	0.0363	0.039 J	0.155	0.22 [0.23]	0.0805	0.13 J
PCB-137	35694-06-5	ng/L	0.024	0.05 J	0.0970	0.21 UJ	0.0231 U	0.013 J+	0.0236 U	0.19 U	0.0229 U	0.022 [0.032]	0.0203 U	0.19 U
PCB-139/140	139-140	ng/L	0.046 U	NA	0.0673	NA	0.0461 U	NA	0.0472 U	NA	0.0458 U	NA	0.0406 U	NA
PCB-90	68194-07-0	ng/L	NA	1.2	NA	3.5	NA	0.53 J+	NA	0.17 J	NA	0.81 [0.83]	NA	0.32 J
PCB-141	52712-04-6	ng/L	0.36	0.59	1.16	1.8 J	0.107	0.14 J+	0.0413	0.061 J	0.247	0.38 J [0.42]	0.183 U	0.41
PCB-142	41411-61-4	ng/L	0.023 U	0.2 U	0.0218 U	0.23 UJ	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.025 UJ [0.02 U]	0.0203 U	0.19 U
PCB-91	68194-05-8	ng/L	NA	0.34 J	NA	1.1	NA	0.13 J+	NA	0.048 J	NA	0.2 J [0.21 J]	NA	0.022 J
PCB-144	68194-14-9	ng/L	0.086	0.1 J	0.250	0.35 J	0.0269	0.028 J+	0.0236 U	0.0091 J	0.0534	0.056 J [0.074]	0.0447	0.068 J
PCB-145	74472-40-5	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-146	51908-16-8	ng/L	0.35	0.44	1.21	1.7	0.114	0.14 J+	0.0612	0.069 J	0.246	0.27 [0.31]	0.0897	0.19
PCB-93	73575-56-1	ng/L	NA	0.17 J	NA	0.57	NA	0.043 J	NA	0.017 J	NA	0.1 [0.098]	NA	0.39 U
PCB-147/149	147-149	ng/L	1.8	NA	5.69	NA	0.526	NA	0.248 U	NA	1.16	NA	0.606 U	NA
PCB-148	74472-41-6	ng/L	0.023 U	0.2 U	0.0442	0.21 UJ	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-150	68194-08-1	ng/L	0.023 U	0.2 U	0.0479	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-152	68194-09-2	ng/L	0.023 U	0.2 U	0.0327	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-97	41464-51-1	ng/L	NA	0.39 J	NA	1.1 J	NA	0.23 J+	NA	0.048 J	NA	0.26 [0.28]	NA	0.1 J
PCB-153/168	153-168	ng/L	1.9	NA	6.14	NA	0.560	NA	0.280	NA	1.26	NA	0.668 U	NA
PCB-98	60233-25-2	ng/L	NA	0.063 J	NA	0.21 J	NA	0.019 J	NA	0.39 U	NA	0.042 [0.046]	NA	0.39 U
PCB-154	60145-22-4	ng/L	0.058	0.056 J	0.190	0.78 J	0.0231 U	0.023 J+	0.0236 U	0.0083 J	0.0346	0.16 J [0.16]	0.0203 U	0.19 U
PCB-100	39485-83-1	ng/L	NA	0.17 J	NA	0.57	NA	0.043 J	NA	0.017 J	NA	0.1 [0.098]	NA	0.39 U
PCB-155	33979-03-2	ng/L	0.023 U	0.02 U	0.0218 U	0.15 UJ	0.0231 U	0.019 U	0.0236 U	0.019 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.019 U
PCB-101	37680-73-2	ng/L	NA	1.2	NA	3.5	NA	0.53 J+	NA	0.17 J	NA	0.81 [0.83]	NA	0.32 J
PCB-156/157	156-157	ng/L	0.090	NA	0.238	NA	0.0461 U	NA	0.0472 U	NA	0.0677	NA	0.0428	NA
PCB-102	68194-06-9	ng/L	NA	0.063 J	NA	0.21 J	NA	0.019 J	NA	0.39 U	NA	0.042 [0.046]	NA	0.39 U
PCB-158	74472-42-7	ng/L	0.12	0.2	0.392	0.6	0.0380	0.06 J+	0.0236 U	0.018 J	0.0853	0.12 [0.13]	0.0540	0.13 J

Table B-2
PCB Congener Analytical Results from Split Samples Collected by GE and EPA

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID:			RISING POND DAM		RISING POND DAM AUTO		RANNAPO RD BRIDGE		FALLS VILLAGE DAM		CANAAN TLINE BRIDGE		RT. 341 BRIDGE	
Date Collected:			04/11/24		08/14/24		12/11/24		10/08/24		03/12/24		11/12/24	
	CAS Number	Units	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA
Individual PCB Congeners by 1668 (continued)														
PCB-159	39635-35-3	ng/L	0.023 U	0.035 J	0.0588	0.12 J	0.0231 U	0.0091 J+	0.0236 U	0.0038 J	0.0229 U	0.024 [0.03]	0.0203 U	0.039 J
PCB-160	41411-62-5	ng/L	0.023 U	2.7	0.0218 U	8.5	0.0231 U	0.75 J+	0.0236 U	0.32 J	0.0229 U	1.7 [1.9]	0.0203 U	1.4
PCB-161	74472-43-8	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-162	39635-34-2	ng/L	0.023 U	0.012 J	0.0218 U	0.034 J	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.0057 J [0.0079 J]	0.0203 U	0.19 U
PCB-164	74472-45-0	ng/L	0.13	0.23	0.413	0.68	0.0400	0.062 J+	0.0236 U	0.025 J	0.0851	0.16 [0.19]	0.0494	0.13 J
PCB-165	74472-46-1	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-167	52663-72-6	ng/L	0.053	0.078	0.153	0.3	0.0231 U	0.034	0.0236 U	0.0067 J	0.0361	0.054 [0.065]	0.0203 U	0.041
PCB-108	70362-41-3	ng/L	NA	0.39 U	NA	0.058 J	NA	0.011 J	NA	0.39 U	NA	0.013 J [0.013 J]	NA	0.39 U
PCB-169	32774-16-6	ng/L	0.023 U	0.02 U	0.0218 U	0.025 J	0.0231 U	0.019 U	0.0236 U	0.019 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.019 U
PCB-170	35065-30-6	ng/L	0.64	1.2	2.19	3.9	0.164	0.4	0.0517	0.1 J	0.418	0.81 [0.95]	0.372 U	1
PCB-171/173	171-173	ng/L	0.20	NA	0.667	NA	0.0534	NA	0.0472 U	NA	0.133	NA	0.121	NA
PCB-110	38380-03-9	ng/L	NA	0.77	NA	2.3	NA	0.46 J+	NA	0.11 J	NA	0.58 [0.62]	NA	0.26 J
PCB-172	52663-74-8	ng/L	0.13	0.24	0.436	0.81	0.0372	0.077 J	0.0236 U	0.024 J	0.0921	0.17 [0.19]	0.0748	0.18 J
PCB-174	38411-25-5	ng/L	0.75	1.4	2.49	4.4	0.206	0.47	0.0729 U	0.14 J	0.481	1.1 [1.2]	0.488 U	1.2
PCB-175	40186-70-7	ng/L	0.030	0.042 J	0.0935	0.16 J	0.0231 U	0.013 J	0.0236 U	0.0035 J	0.0229 U	0.029 [0.035]	0.0207	0.047 J
PCB-176	52663-65-7	ng/L	0.096	0.16 J	0.295	0.52	0.0279	0.035 J	0.0236 U	0.016 J	0.0615	0.1 [0.11]	0.0618	0.14 J
PCB-177	52663-70-4	ng/L	0.47	0.71	1.57	2.5	0.135	0.24	0.0500	0.082 J	0.317	0.52 [0.6]	0.261 U	0.57
PCB-113	68194-10-5	ng/L	NA	1.2	NA	3.5	NA	0.53 J+	NA	0.17 J	NA	0.81 [0.83]	NA	0.32 J
PCB-178	52663-67-9	ng/L	0.19	0.32	0.650	1	0.0588	0.074 J	0.0247	0.047 J	0.126	0.21 [0.24]	0.106 U	0.23
PCB-179	52663-64-6	ng/L	0.37	0.55	1.11	1.7	0.101	0.12 J	0.0382	0.053 J	0.225	0.34 [0.36]	0.203 U	0.37
PCB-115	74472-38-1	ng/L	NA	0.77	NA	2.3	NA	0.46 J+	NA	0.11 J	NA	0.58 [0.62]	NA	0.26 J
PCB-180/193	180-193	ng/L	1.5	NA	4.98	NA	0.394	NA	0.124 U	NA	1.01	NA	0.942 U	NA
PCB-116	18259-05-7	ng/L	NA	0.12 J	NA	0.35 J	NA	0.057 J+	NA	0.58 U	NA	0.051 J [0.058 J]	NA	0.023 J
PCB-181	74472-47-2	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-117	68194-11-6	ng/L	NA	0.12 J	NA	0.35 J	NA	0.057 J+	NA	0.58 U	NA	0.051 J [0.058 J]	NA	0.023 J
PCB-182	60145-23-5	ng/L	0.023 U	0.2 U	0.0218 U	0.044 J	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.0086 J]	0.0203 U	0.19 U
PCB-183	52663-69-1	ng/L	NA	0.6	NA	2.1	NA	0.22	NA	0.063 J	NA	0.4 [0.46]	NA	0.6
PCB-119	56558-17-9	ng/L	NA	0.39 J	NA	1.1 J	NA	0.23 J+	NA	0.048 J	NA	0.26 [0.28]	NA	0.1 J
PCB-183/185	183-185	ng/L	0.49	NA	1.60	NA	0.141	NA	0.0472 U	NA	0.330	NA	0.318 U	NA
PCB-184	74472-48-3	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-185	52712-05-7	ng/L	NA	0.23	NA	0.56	NA	0.056 J	NA	0.018 J	NA	0.12 [0.14]	NA	0.15 J
PCB-186	74472-49-4	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-187	52663-68-0	ng/L	0.97	1.6	3.23	5	0.261	0.39	0.106 U	0.18 J	0.639	0.9 [1]	0.531 U	1.2
PCB-188	74487-85-7	ng/L	0.023 U	0.02 U	0.0218 U	0.02	0.0231 U	0.019 U	0.0236 U	0.019 U	0.0229 U	0.0035 J [0.0039 J]	0.0203 U	0.019 U
PCB-189	39635-31-9	ng/L	0.026	0.044	0.0712	0.16	0.0231 U	0.016 J	0.0236 U	0.019 U	0.0229 U	0.026 [0.032]	0.0203 U	0.033 J
PCB-124	70424-70-3	ng/L	NA	0.39 U	NA	0.058 J	NA	0.011 J	NA	0.39 U	NA	0.013 J [0.013 J]	NA	0.39 U
PCB-190	41411-64-7	ng/L	0.15	0.27	0.491	0.89	0.0375	0.091 J	0.0236 U	0.024 J	0.0943	0.18 [0.2]	0.0868	0.19
PCB-125	74472-39-2	ng/L	NA	0.39 J	NA	1.1 J	NA	0.23 J+	NA	0.048 J	NA	0.26 [0.28]	NA	0.1 J
PCB-191	74472-50-7	ng/L	0.024	0.045 J	0.0829	0.15 J	0.0231 U	0.014 J	0.0236 U	0.0061 J	0.0229 U	0.029 J [0.033 J]	0.0203 U	0.046 J
PCB-192	74472-51-8	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-194	35694-08-7	ng/L	0.33	0.57	0.970	2.1	0.0882	0.18 J	0.0236 U	0.041 J	0.219	0.37 [0.46]	0.178 U	0.78

Table B-2
PCB Congener Analytical Results from Split Samples Collected by GE and EPA

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID:			RISING POND DAM		RISING POND DAM AUTO		RANNAPO RD BRIDGE		FALLS VILLAGE DAM		CANAAN TLINE BRIDGE		RT. 341 BRIDGE	
Date Collected:			04/11/24		08/14/24		12/11/24		10/08/24		03/12/24		11/12/24	
	CAS Number	Units	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA	GE	EPA
Individual PCB Congeners by 1668 (continued)														
PCB-128	38380-07-3	ng/L	NA	0.26 J	NA	0.77	NA	0.072 J+	NA	0.031 J	NA	0.16 [0.18]	NA	0.14 J
PCB-195	52663-78-2	ng/L	0.15	0.23	0.453	0.94	0.0415	0.087 J	0.0236 U	0.021 J	0.106	0.16 [0.2]	0.0538	0.32
PCB-129	55215-18-4	ng/L	NA	2.7	NA	8.5	NA	0.75 J+	NA	0.32 J	NA	1.7 [1.9]	NA	1.4
PCB-196	42740-50-1	ng/L	0.18	0.35	0.522	1.1	0.0519	0.1 J	0.0236 U	0.026 J	0.115	0.18 [0.22]	0.104 U	0.44
PCB-197	33091-17-7	ng/L	NA	0.023 J	NA	0.083 J	NA	0.0069 J	NA	0.0013 J	NA	0.013 J [0.014 J]	NA	0.029 J
PCB-197/200	197-200	ng/L	0.060	NA	0.182	NA	0.0461 U	NA	0.0472 U	NA	0.0458 U	NA	0.0406 U	NA
PCB-198/199	198-199	ng/L	0.38	NA	1.11	NA	0.0984	NA	0.0472 U	NA	0.268	NA	0.200	NA
PCB-200	52663-73-7	ng/L	NA	0.083 J	NA	0.31	NA	0.029 J	NA	0.0066 J	NA	0.064 [0.081]	NA	0.11 J
PCB-201	40186-71-8	ng/L	0.045	0.07 J	0.131	0.29	0.0231 U	0.029 J	0.0236 U	0.009 J	0.0280	0.049 [0.063]	0.0286	0.11 J
PCB-202	2136-99-4	ng/L	0.074	0.11	0.208	0.42	0.0231 U	0.04	0.0236 U	0.015 J	0.0495	0.081 [0.091]	0.0366	0.13
PCB-134	52704-70-8	ng/L	NA	0.09 J	NA	0.31 J	NA	0.031 J+	NA	0.0076 J	NA	0.065 [0.07]	NA	0.044 J
PCB-203	52663-76-0	ng/L	0.22	0.38	0.668	1.3	0.0611	0.11 J	0.0236 U	0.035 J	0.153	0.27 [0.34]	0.123 U	0.48
PCB-135	52744-13-5	ng/L	NA	1.3	NA	3.5	NA	0.34 J+	NA	0.17 J	NA	0.64 [0.68]	NA	0.54
PCB-204	74472-52-9	ng/L	0.023 U	0.2 U	0.0218 U	0.19 U	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.02 U [0.02 U]	0.0203 U	0.19 U
PCB-205	74472-53-0	ng/L	0.023 U	0.03	0.0549	0.13	0.0231 U	0.019 U	0.0236 U	0.019 U	0.0229 U	0.021 [0.026]	0.0203 U	0.039
PCB-206	40186-72-9	ng/L	0.084	0.12	0.220	0.46	0.0265	0.039 J	0.0236 U	0.0098 J	0.0541	0.079 J [0.096 J]	0.0480	0.18 J
PCB-138	35065-28-2	ng/L	NA	2.7	NA	8.5	NA	0.75 J+	NA	0.32 J	NA	1.7 [1.9]	NA	1.4
PCB-207	52663-79-3	ng/L	0.023 U	0.018 J	0.0303	0.06 J	0.0231 U	0.19 U	0.0236 U	0.19 U	0.0229 U	0.0084 J [0.012 J]	0.0203 U	0.019 J
PCB-208	52663-77-1	ng/L	0.023 U	0.021 J	0.0425	0.091 J	0.0231 U	0.008 J	0.0236 U	0.019 U	0.0229 U	0.013 J [0.023 J]	0.0203 U	0.032 J
PCB-139	56030-56-9	ng/L	NA	0.023 J	NA	0.39 U	NA	0.0086 J	NA	0.39 U	NA	0.04 U [0.021 J]	NA	0.39 U
PCB-209	2051-24-3	ng/L	0.023 U	0.008 J	0.0218 U	0.036	0.0231 U	0.0024 J	0.0236 U	0.0036 J	0.0229 U	0.0088 J [0.0084 J]	0.0203 U	0.019 U
PCB-140	59291-64-4	ng/L	NA	0.023 J	NA	0.39 U	NA	0.0086 J	NA	0.39 U	NA	0.04 U [0.021 J]	NA	0.39 U
PCB-143	68194-15-0	ng/L	NA	0.09 J	NA	0.31 J	NA	0.031 J+	NA	0.0076 J	NA	0.065 [0.07]	NA	0.044 J
PCB-147	68194-13-8	ng/L	NA	2.5	NA	8.2	NA	0.71 J+	NA	0.32 J	NA	1.6 [1.8]	NA	1.2
PCB-149	38380-04-0	ng/L	NA	2.5	NA	8.2	NA	0.71 J+	NA	0.32 J	NA	1.6 [1.8]	NA	1.2
PCB-151	52663-63-5	ng/L	NA	1.3	NA	3.5	NA	0.34 J+	NA	0.17 J	NA	0.64 [0.68]	NA	0.54
PCB-153	35065-27-1	ng/L	NA	2.6	NA	8.7	NA	0.71 J+	NA	0.34 J	NA	1.7 [1.9]	NA	1.4
PCB-156	38380-08-4	ng/L	NA	0.15	NA	0.46	NA	0.068	NA	0.012 J	NA	0.09 [0.11]	NA	0.13
PCB-157	69782-90-7	ng/L	NA	0.15	NA	0.46	NA	0.068	NA	0.012 J	NA	0.09 [0.11]	NA	0.13
PCB-163	74472-44-9	ng/L	NA	2.7	NA	8.5	NA	0.75 J+	NA	0.32 J	NA	1.7 [1.9]	NA	1.4
PCB-166	41411-63-6	ng/L	NA	0.26 J	NA	0.77	NA	0.072 J+	NA	0.031 J	NA	0.16 [0.18]	NA	0.14 J
PCB-168	59291-65-5	ng/L	NA	2.6	NA	8.7	NA	0.71 J+	NA	0.34 J	NA	1.7 [1.9]	NA	1.4
PCB-171	52663-71-5	ng/L	NA	0.37 J	NA	1.1	NA	0.12 J	NA	0.034 J	NA	0.24 [0.28]	NA	0.29 J
PCB-173	68194-16-1	ng/L	NA	0.37 J	NA	1.1	NA	0.12 J	NA	0.034 J	NA	0.24 [0.28]	NA	0.29 J
PCB-180	35065-29-3	ng/L	NA	2.8	NA	8.9	NA	0.9	NA	0.26 J	NA	1.8 [2.1]	NA	2.5
PCB-193	69782-91-8	ng/L	NA	2.8	NA	8.9	NA	0.9	NA	0.26 J	NA	1.8 [2.1]	NA	2.5
PCB-198	68194-17-2	ng/L	NA	0.63	NA	2.2	NA	0.2 J	NA	0.065 J	NA	0.41 [0.5]	NA	0.78
PCB-199	52663-75-9	ng/L	NA	0.63	NA	2.2	NA	0.2 J	NA	0.065 J	NA	0.41 [0.5]	NA	0.78

Table B-2
PCB Congener Analytical Results from Split Samples Collected by GE and EPA

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Notes:
ng/L = nanogram per liter
NA = Not Analyzed
Field duplicate sample results are presented in brackets.
U = Indicates the compound was not detected above the reported sample quantitation limit.
J = Indicates the compound was positively identified; however, the associated numerical value is an estimated concentration only.
J+ = Indicates the compound was positively identified; however, the associated numerical value is an estimated concentration that is estimated high.
UJ = The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

Appendix C
Data Validation Reports (Fish)

Table C-1
Fish Analytical Completeness

Matrix	Analytical Category	Sample Count	Count Results	Count Rejected Results	Count Non-rejected Results	Percent Analyzed	Percent Completeness	Analytical Completeness Goal
Fish	PCB Aroclors	514	3598	1	3597	100%	99.97%	≥ 90%
	Lipids	514	514	0	514	100%	100.00%	≥ 90%
	PCB Congeners	131	22,663	0	22663	100%	100.00%	≥ 90%
	All Analytes		***26775***	***1***	***26774***	***100%***	***99.99%***	***≥ 90%***

Note:

PCB: polychlorinated biphenyl

1201 3rd Avenue, Suite 2600
Seattle, Washington 98101
206.287.9130

ANCHOR QEA

Data Validation Report – EPA Stage 2A

August 22, 2025

Project: Housatonic Baseline Monitoring

Project Number: 230469-07.01

Validation ID: AQ-2024-0123

This report summarizes the review of analytical results for 88 fish tissue samples collected between September 11 and September 12, 2024. The samples were collected by Anchor QEA and submitted to Pace Analytical Services (Pace) in Green Bay, Wisconsin. The samples were analyzed for the following parameters:

- Polychlorinated biphenyls (PCBs) by U.S. Environmental Protection Agency (USEPA) method 8082A
- Lipids by Pace SOP analytical method ENVSOPGBAY0090-00

Pace sample delivery groups (SDG) 40284096, 40284097, and 40284098 were reviewed in this report. Sample IDs and analyses are presented in Table 1.

Table 1
Sample IDs, Matrices, and Analyses

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
HBMP-R06-01BB-01-ADLT-240911	40284096001	40284096	Fish Tissue	Lipids, PCBs
HBMP-R06-01LB-01-YOY-240911	40284096002	40284096	Fish Tissue	Lipids, PCBs
HBMP-R06-01LB-02-YOY-240911	40284096003	40284096	Fish Tissue	Lipids, PCBs
HBMP-R06-01LB-03-YOY-240911	40284096004	40284096	Fish Tissue	Lipids, PCBs
HBMP-R06-01LB-04-YOY-240911	40284096005	40284096	Fish Tissue	Lipids, PCBs
HBMP-R06-01LB-05-YOY-240911	40284096006	40284096	Fish Tissue	Lipids, PCBs
HBMP-R06-01LB-06-YOY-240911	40284096007	40284096	Fish Tissue	Lipids, PCBs
HBMP-R06-01LB-07-YOY-240911	40284096008	40284096	Fish Tissue	Lipids, PCBs
HBMP-R06-01YP-01-ADLT-240911	40284096009	40284096	Fish Tissue	Lipids, PCBs
HBMP-R06-01YP-01-YOY-240911	40284096010	40284096	Fish Tissue	Lipids, PCBs
HBMP-R06-01YP-02-ADLT-240911	40284096011	40284096	Fish Tissue	Lipids, PCBs
HBMP-R06-01YP-02-YOY-240911	40284096012	40284096	Fish Tissue	Lipids, PCBs
HBMP-R06-01YP-03-ADLT-240911	40284096013	40284096	Fish Tissue	Lipids, PCBs
HBMP-R06-01YP-03-YOY-240911	40284096014	40284096	Fish Tissue	Lipids, PCBs
HBMP-R06-01YP-04-ADLT-240911	40284096015	40284096	Fish Tissue	Lipids, PCBs
HBMP-R06-01YP-04-YOY-240911	40284096016	40284096	Fish Tissue	Lipids, PCBs
HBMP-R06-01YP-05-ADLT-240911	40284096017	40284096	Fish Tissue	Lipids, PCBs
HBMP-R06-01YP-05-YOY-240911	40284096018	40284096	Fish Tissue	Lipids, PCBs
HBMP-R06-01YP-06-YOY-240911	40284096019	40284096	Fish Tissue	Lipids, PCBs
HBMP-R06-01YP-07-YOY-240911	40284096020	40284096	Fish Tissue	Lipids, PCBs
HBMP-R05A-01LB-01-ADLT-240911	40284097001	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01LB-01-YOY-240911	40284097002	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01LB-02-ADLT-240911	40284097003	40284097	Fish Tissue	Lipids, PCBs

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
HBMP-R05A-01LB-02-YOY-240911	40284097004	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01LB-03-ADLT-240911	40284097005	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01LB-03-YOY-240911	40284097006	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01LB-04-ADLT-240911	40284097007	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01LB-04-YOY-240911	40284097008	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01LB-05-ADLT-240911	40284097009	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01LB-05-YOY-240911	40284097010	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01LB-06-ADLT-240911	40284097011	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01LB-07-ADLT-240911	40284097012	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01LB-08-ADLT-240911	40284097013	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01WS-01-ADLT-240911	40284097014	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01WS-02-ADLT-240911	40284097015	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01WS-03-ADLT-240911	40284097016	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01WS-04-ADLT-240911	40284097017	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01WS-05-ADLT-240911	40284097018	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01WS-06-ADLT-240911	40284097019	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01WS-07-ADLT-240911	40284097020	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01WS-08-ADLT-240911	40284097021	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01WS-09-ADLT-240911	40284097022	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01WS-10-ADLT-240911	40284097023	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01YP-01-ADLT-240911	40284097024	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01YP-01-YOY-240911	40284097025	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01YP-02-ADLT-240911	40284097026	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01YP-02-YOY-240911	40284097027	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01YP-03-ADLT-240911	40284097028	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01YP-03-YOY-240911	40284097029	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01YP-04-ADLT-240911	40284097030	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01YP-04-YOY-240911	40284097031	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01YP-05-ADLT-240911	40284097032	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01YP-05-YOY-240911	40284097033	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01YP-06-ADLT-240911	40284097034	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01YP-06-YOY-240911	40284097035	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01YP-07-ADLT-240911	40284097036	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01YP-07-YOY-240911	40284097037	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01YP-08-ADLT-240911	40284097038	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01YP-09-ADLT-240911	40284097039	40284097	Fish Tissue	Lipids, PCBs
HBMP-R05A-01YP-10-ADLT-240911	40284097040	40284097	Fish Tissue	Lipids, PCBs
HBMP-R10-01BB-01-ADLT-240911	40284098001	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01BB-01-ADLT-240912	40284098002	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01BB-02-ADLT-240911	40284098003	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01BB-03-ADLT-240911	40284098004	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01BB-04-ADLT-240911	40284098005	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01BB-05-ADLT-240911	40284098006	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01BB-06-ADLT-240911	40284098007	40284098	Fish Tissue	Lipids, PCBs

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
HBMP-R10-01BB-07-ADLT-240911	40284098008	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01LB-01-ADLT-240911	40284098009	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01LB-02-ADLT-240911	40284098010	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01LB-03-ADLT-240911	40284098011	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01LB-04-ADLT-240911	40284098012	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01LB-05-ADLT-240911	40284098013	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01LB-06-ADLT-240911	40284098014	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01LB-07-ADLT-240911	40284098015	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01LB-08-ADLT-240911	40284098016	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01LB-09-ADLT-240911	40284098017	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01LB-10-ADLT-240911	40284098018	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01YP-01-ADLT-240911	40284098019	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01YP-02-ADLT-240911	40284098020	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01YP-03-ADLT-240911	40284098021	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01YP-04-ADLT-240911	40284098022	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01YP-05-ADLT-240911	40284098023	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01YP-06-ADLT-240911	40284098024	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01YP-07-ADLT-240911	40284098025	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01YP-08-ADLT-240911	40284098026	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01YP-09-ADLT-240911	40284098027	40284098	Fish Tissue	Lipids, PCBs
HBMP-R10-01YP-10-ADLT-240911	40284098028	40284098	Fish Tissue	Lipids, PCBs

Data Validation and Qualifications

The following comments refer to the laboratory's performance in meeting the quality assurance/quality control (QA/QC) guidelines outlined in the analytical procedures. Laboratory results were reviewed using the following guidelines:

- Arcadis Quality Assurance Project Plan (QAPP; GE-Pittsfield/Housatonic River Site (GECD900) Second Revised Field Sampling Plan/Quality Assurance Project Plan 2023)
- *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods* (SW-846, Third Edition; USEPA 1986)
- *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA 2020a)
- *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA 2020b)

Unless noted in this report, laboratory results for the samples listed above were within QC criteria.

Field Documentation

Field documentation was checked for completeness and accuracy. The chain-of-custody forms were signed by Pace at the time of sample receipt; the samples were received in good condition.

Sample Preservation and Holding Times

Samples were appropriately preserved and analyzed within holding times with the following exceptions. 68 lipid results were analyzed out of the project-required holding time limit. The detected results were qualified "J" as estimated.

Laboratory Method Blanks

Laboratory method blanks were analyzed at the required frequencies and were free of target analytes with the exceptions of the lipids method blanks detected in analytical batches 498785, 498918, 499036, and 499257. Detected sample results that were not significantly greater (five times) than the concentration in the blank were qualified with "J" as potential high bias.

Field Quality Control

No field quality control samples were collected in associated with this SDG.

Surrogate Recoveries

Surrogates recovered within project-required control limits with several exceptions. Due to the inability to accurately quantify surrogates when a sample was analyzed at a dilution of 5x or greater, no data were qualified when surrogate recoveries were outside of control limits in these instances.

Laboratory Control Samples

Laboratory control samples (LCS) were analyzed at the required frequencies and resulted in recoveries within project-required control limits.

Matrix Spike Samples

Matrix spike (MS) samples and matrix spike duplicate (MSD) samples were analyzed at the required frequencies. Sample results that are non-detect (ND) that have high MS and/or MSD recoveries were not qualified for high bias. Samples results that are 5X or greater than the spike amount were not qualified. Otherwise, recovery values and relative percent differences (RPDs) were within project-required control limits.

Laboratory Duplicates

Laboratory duplicates were analyzed for lipids at the required frequency. Recovery values were within project-required control limits with the following exception. In SDG 40284096, sample HBMP-R06-01BB-01-ADLT-240911 laboratory duplicate for lipids was above the project-required control limit. The sample result was qualified "J" as estimated.

Method Detection and Reporting Limits

Detection and reporting limits were acceptable as reported and all screening levels were met. All values were reported using the laboratory detection limits and results detected below the reporting limit were reported to the MDLs as estimated values. Values were reported as undiluted or when diluted, the detection and reporting limits reflect the dilution factor.

Overall Assessment

As was determined by this evaluation, the laboratory followed the specified analytical methods and all requested sample analyses were completed. Accuracy was acceptable as demonstrated by the LCS and MS/MSD recovery values, with the exceptions noted above. Precision was acceptable as demonstrated by the laboratory duplicate RPD values and MS/MSD RPD values, with exceptions noted above. Most data are acceptable as reported or qualified. Completeness was 100% and completeness goals were met. Table 2 summarizes the qualifiers applied to the sample results reviewed in this report.

Data Qualifier Definitions

J Indicates an estimated value

U Indicates the compound or analyte was analyzed for but not detected at or above the specified limit.

UJ Indicates the compound or analyte was analyzed for but not detected and the specified limit reported is estimated.

Table 2
Data Qualification Summary

SDG 40284096

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R06-01BB-01-ADLT-240911	Conventionals	Lipids	0.72 %	0.72J %	Laboratory blanks; Laboratory duplicate RPD
HBMP-R06-01LB-01-YOY-240911	Conventionals	Lipids	2.6 %	2.6J %	Laboratory blanks
HBMP-R06-01LB-03-YOY-240911	Conventionals	Lipids	1.8 %	1.8J %	Laboratory blanks
HBMP-R06-01LB-04-YOY-240911	Conventionals	Lipids	2.4 %	2.4J %	Laboratory blanks
HBMP-R06-01LB-05-YOY-240911	Conventionals	Lipids	3.1 %	3.1J %	Laboratory blanks
HBMP-R06-01LB-06-YOY-240911	Conventionals	Lipids	2.7 %	2.7J %	Laboratory blanks
HBMP-R06-01LB-07-YOY-240911	Conventionals	Lipids	1.9 %	1.9J %	Laboratory blanks
HBMP-R06-01YP-01-ADLT-240911	Conventionals	Lipids	0.17 %	0.17J %	Laboratory blanks
HBMP-R06-01YP-01-YOY-240911	Conventionals	Lipids	2.7 %	2.7J %	Laboratory blanks
HBMP-R06-01YP-02-ADLT-240911	Conventionals	Lipids	0.17 %	0.17J %	Laboratory blanks

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R06-01YP-02-YOY-240911	Conventionals	Lipids	1.9 %	1.9J %	Laboratory blanks
HBMP-R06-01YP-03-ADLT-240911	Conventionals	Lipids	0.29 %	0.29J %	Laboratory blanks
HBMP-R06-01YP-03-YOY-240911	Conventionals	Lipids	1.9 %	1.9J %	Laboratory blanks
HBMP-R06-01YP-04-ADLT-240911	Conventionals	Lipids	0.22 %	0.22J %	Laboratory blanks
HBMP-R06-01YP-04-YOY-240911	Conventionals	Lipids	1.9 %	1.9J %	Laboratory blanks
HBMP-R06-01YP-05-ADLT-240911	Conventionals	Lipids	0.19 %	0.19J %	Laboratory blanks
HBMP-R06-01YP-05-YOY-240911	Conventionals	Lipids	2.1 %	2.1J %	Laboratory blanks
HBMP-R06-01YP-06-YOY-240911	Conventionals	Lipids	2.0 %	2.0J %	Laboratory blanks
HBMP-R06-01YP-07-YOY-240911	Conventionals	Lipids	2.0 %	2.0J %	Laboratory blanks

SDG 40284097

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R05A-01LB-01-ADLT-240911	Conventionals	Lipids	0.30 %	0.30J %	Holding Times; Laboratory blanks
HBMP-R05A-01LB-01-YOY-240911	Conventionals	Lipids	2.5 %	2.5J %	Holding Times; Laboratory blanks
HBMP-R05A-01LB-02-ADLT-240911	Conventionals	Lipids	0.77 %	0.77J %	Holding Times; Laboratory blanks
HBMP-R05A-01LB-02-YOY-240911	Conventionals	Lipids	3.5 %	3.5J %	Holding Times
HBMP-R05A-01LB-03-ADLT-240911	Conventionals	Lipids	0.86 %	0.86J %	Holding Times; Laboratory blanks
HBMP-R05A-01LB-03-YOY-240911	Conventionals	Lipids	3.5 %	3.5J %	Holding Times
HBMP-R05A-01LB-04-ADLT-240911	Conventionals	Lipids	3.6 %	3.6J %	Holding Times
HBMP-R05A-01LB-04-YOY-240911	Conventionals	Lipids	2.8 %	2.8J %	Holding Times; Laboratory blanks
HBMP-R05A-01LB-05-ADLT-240911	Conventionals	Lipids	1.3 %	1.3J %	Holding Times; Laboratory blanks
HBMP-R05A-01LB-05-YOY-240911	Conventionals	Lipids	2.9 %	2.9J %	Holding Times; Laboratory blanks
HBMP-R05A-01LB-06-ADLT-240911	Conventionals	Lipids	0.97 %	0.97J %	Holding Times; Laboratory blanks
HBMP-R05A-01LB-07-ADLT-240911	Conventionals	Lipids	0.35 %	0.35J %	Holding Times; Laboratory blanks
HBMP-R05A-01LB-08-ADLT-240911	Conventionals	Lipids	0.79 %	0.79J %	Holding Times; Laboratory blanks
HBMP-R05A-01WS-01-ADLT-240911	Conventionals	Lipids	2.4 %	2.4J %	Holding Times; Laboratory blanks
HBMP-R05A-01WS-02-ADLT-240911	Conventionals	Lipids	1.2 %	1.2J %	Holding Times; Laboratory blanks
HBMP-R05A-01WS-03-ADLT-240911	Conventionals	Lipids	2.9 %	2.9J %	Holding Times; Laboratory blanks
HBMP-R05A-01WS-04-ADLT-240911	Conventionals	Lipids	0.49 %	0.49J %	Holding Times; Laboratory blanks
HBMP-R05A-01WS-05-ADLT-240911	Conventionals	Lipids	2.1 %	2.1J %	Holding Times; Laboratory blanks
HBMP-R05A-01WS-06-ADLT-240911	Conventionals	Lipids	0.86 %	0.86J %	Holding Times; Laboratory blanks
HBMP-R05A-01WS-07-ADLT-240911	Conventionals	Lipids	1.7 %	1.7J %	Holding Times; Laboratory blanks
HBMP-R05A-01WS-08-ADLT-240911	Conventionals	Lipids	0.66 %	0.66J %	Holding Times; Laboratory blanks
HBMP-R05A-01WS-09-ADLT-240911	Conventionals	Lipids	1.4 %	1.4J %	Holding Times; Laboratory blanks
HBMP-R05A-01WS-10-ADLT-240911	Conventionals	Lipids	0.65 %	0.65J %	Holding Times; Laboratory blanks
HBMP-R05A-01YP-01-ADLT-240911	Conventionals	Lipids	0.54 %	0.54J %	Holding Times; Laboratory blanks
HBMP-R05A-01YP-01-YOY-240911	Conventionals	Lipids	2.5 %	2.5J %	Holding Times; Laboratory blanks
HBMP-R05A-01YP-02-ADLT-240911	Conventionals	Lipids	0.54 %	0.54J %	Holding Times; Laboratory blanks
HBMP-R05A-01YP-02-YOY-240911	Conventionals	Lipids	2.8 %	2.8J %	Holding Times; Laboratory blanks
HBMP-R05A-01YP-03-ADLT-240911	Conventionals	Lipids	0.40 %	0.40J %	Holding Times; Laboratory blanks

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R05A-01YP-03-YOY-240911	Conventionals	Lipids	2.6 %	2.6J %	Holding Times; Laboratory blanks
HBMP-R05A-01YP-04-ADLT-240911	Conventionals	Lipids	0.59 %	0.59J %	Holding Times; Laboratory blanks
HBMP-R05A-01YP-04-YOY-240911	Conventionals	Lipids	1.7 %	1.7J %	Holding Times; Laboratory blanks
HBMP-R05A-01YP-05-ADLT-240911	Conventionals	Lipids	0.31 %	0.31J %	Holding Times; Laboratory blanks
HBMP-R05A-01YP-05-YOY-240911	Conventionals	Lipids	1.7 %	1.7J %	Holding Times; Laboratory blanks
HBMP-R05A-01YP-06-ADLT-240911	Conventionals	Lipids	0.24 %	0.24J %	Holding Times; Laboratory blanks
HBMP-R05A-01YP-06-YOY-240911	Conventionals	Lipids	1.7 %	1.7J %	Holding Times; Laboratory blanks
HBMP-R05A-01YP-07-ADLT-240911	Conventionals	Lipids	0.30 %	0.30J %	Holding Times; Laboratory blanks
HBMP-R05A-01YP-07-YOY-240911	Conventionals	Lipids	2.4 %	2.4J %	Holding Times; Laboratory blanks
HBMP-R05A-01YP-08-ADLT-240911	Conventionals	Lipids	0.42 %	0.42J %	Holding Times; Laboratory blanks
HBMP-R05A-01YP-09-ADLT-240911	Conventionals	Lipids	0.46 %	0.46J %	Holding Times; Laboratory blanks
HBMP-R05A-01YP-10-ADLT-240911	Conventionals	Lipids	0.19 %	0.19J %	Holding Times; Laboratory blanks

SDG 40284098

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R10-01BB-01-ADLT-240911	Conventionals	Lipids	1.2 %	1.2J %	Holding Times; Laboratory blanks
HBMP-R10-01BB-01-ADLT-240912	Conventionals	Lipids	0.41 %	0.41J %	Holding Times; Laboratory blanks
HBMP-R10-01BB-02-ADLT-240911	Conventionals	Lipids	1.2 %	1.2J %	Holding Times; Laboratory blanks
HBMP-R10-01BB-03-ADLT-240911	Conventionals	Lipids	0.70 %	0.70J %	Holding Times; Laboratory blanks
HBMP-R10-01BB-04-ADLT-240911	Conventionals	Lipids	1.1 %	1.1J %	Holding Times; Laboratory blanks
HBMP-R10-01BB-05-ADLT-240911	Conventionals	Lipids	0.75 %	0.75J %	Holding Times; Laboratory blanks
HBMP-R10-01BB-06-ADLT-240911	Conventionals	Lipids	0.67 %	0.67J %	Holding Times; Laboratory blanks
HBMP-R10-01BB-07-ADLT-240911	Conventionals	Lipids	0.52 %	0.52J %	Holding Times; Laboratory blanks
HBMP-R10-01LB-01-ADLT-240911	Conventionals	Lipids	0.76 %	0.76J %	Holding Times; Laboratory blanks
HBMP-R10-01LB-02-ADLT-240911	Conventionals	Lipids	1.2 %	1.2J %	Holding Times; Laboratory blanks
HBMP-R10-01LB-03-ADLT-240911	Conventionals	Lipids	1.1 %	1.1J %	Holding Times; Laboratory blanks
HBMP-R10-01LB-04-ADLT-240911	Conventionals	Lipids	0.88 %	0.88J %	Holding Times; Laboratory blanks
HBMP-R10-01LB-05-ADLT-240911	Conventionals	Lipids	1.4 %	1.4J %	Holding Times; Laboratory blanks
HBMP-R10-01LB-06-ADLT-240911	Conventionals	Lipids	0.84 %	0.84J %	Holding Times; Laboratory blanks
HBMP-R10-01LB-07-ADLT-240911	Conventionals	Lipids	0.97 %	0.97J %	Holding Times; Laboratory blanks
HBMP-R10-01LB-08-ADLT-240911	Conventionals	Lipids	1.8 %	1.8J %	Holding Times; Laboratory blanks
HBMP-R10-01LB-09-ADLT-240911	Conventionals	Lipids	1.3 %	1.3J %	Holding Times; Laboratory blanks
HBMP-R10-01LB-10-ADLT-240911	Conventionals	Lipids	0.83 %	0.83J %	Holding Times; Laboratory blanks
HBMP-R10-01YP-01-ADLT-240911	Conventionals	Lipids	0.65 %	0.65J %	Holding Times; Laboratory blanks
HBMP-R10-01YP-02-ADLT-240911	Conventionals	Lipids	0.70 %	0.70J %	Holding Times; Laboratory blanks
HBMP-R10-01YP-03-ADLT-240911	Conventionals	Lipids	0.45 %	0.45J %	Holding Times; Laboratory blanks
HBMP-R10-01YP-04-ADLT-240911	Conventionals	Lipids	0.74 %	0.74J %	Holding Times; Laboratory blanks
HBMP-R10-01YP-05-ADLT-240911	Conventionals	Lipids	0.91 %	0.91J %	Holding Times; Laboratory blanks
HBMP-R10-01YP-06-ADLT-240911	Conventionals	Lipids	0.79 %	0.79J %	Holding Times; Laboratory blanks

HBMP-R10-01YP-07-ADLT-240911	Conventionals	Lipids	0.77 %	0.77J %	Holding Times; Laboratory blanks
HBMP-R10-01YP-08-ADLT-240911	Conventionals	Lipids	0.45 %	0.45J %	Holding Times; Laboratory blanks
HBMP-R10-01YP-09-ADLT-240911	Conventionals	Lipids	0.80 %	0.80J %	Holding Times; Laboratory blanks
HBMP-R10-01YP-10-ADLT-240911	Conventionals	Lipids	0.55 %	0.55J %	Holding Times; Laboratory blanks

References

GE-Pittsfield/Housatonic River Site (GECD900) Second Revised Field Sampling Plan/Quality Assurance Project Plan (QAPP). December 2023.

USEPA, 1986. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods*. Office of Solid Waste and Emergency Response. EPA-530/SW-846.

USEPA 2020a. National Functional Guidelines for Superfund Organic Methods Data Review. Office of Superfund Remediation and Technology Innovation. EPA-540-R-20-005. November 2020.

USEPA 2020b. National Functional Guidelines for Inorganic Superfund Methods Data Review. Office of Superfund Remediation and Technology Innovation. EPA-542-R-20-006. November 2020.

1201 3rd Avenue, Suite 2600
Seattle, Washington 98101
206.287.9130

ANCHOR QEA

Data Validation Report – EPA Stage 2A

August 25, 2025

Project: Housatonic Baseline Monitoring

Project Number: 230469-07.01

Validation ID: AQ-2024-0124

This report summarizes the review of analytical results for 78 fish tissue samples collected between September 13, 2024. The samples were collected by Anchor QEA and submitted to Pace Analytical Services (Pace) in Green Bay, Wisconsin. The samples were analyzed for the following parameters:

- Polychlorinated biphenyls (PCBs) by U.S. Environmental Protection Agency (USEPA) method 8082A
- Lipids by Pace SOP analytical method ENVSOPGBAY0090-00

Pace sample delivery groups (SDG) 40284193, and 40284194 were reviewed in this report. Sample IDs and analyses are presented in Table 1.

Table 1
Sample IDs, Matrices, and Analyses

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
HBMP-R13-01FL-01-ADLT-240913	40284193001	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01FL-02-ADLT-240913	40284193002	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01FL-03-ADLT-240913	40284193003	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01FL-04-ADLT-240913	40284193004	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01FL-05-ADLT-240913	40284193005	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01FL-06-ADLT-240913	40284193006	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01FL-07-ADLT-240913	40284193007	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01FL-08-ADLT-240913	40284193008	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01FL-09-ADLT-240913	40284193009	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01FL-10-ADLT-240913	40284193010	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01SB-01-ADLT-240913	40284193011	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01SB-02-ADLT-240913	40284193012	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01SB-03-ADLT-240913	40284193013	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01SB-04-ADLT-240913	40284193014	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01SB-05-ADLT-240913	40284193015	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01SB-06-ADLT-240913	40284193016	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01SB-07-ADLT-240913	40284193017	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01SB-08-ADLT-240913	40284193018	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01SB-09-ADLT-240913	40284193019	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01SB-10-ADLT-240913	40284193020	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01YP-01-ADLT-240913	40284193021	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01YP-02-ADLT-240913	40284193022	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01YP-03-ADLT-240913	40284193023	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01YP-04-ADLT-240913	40284193024	40284193	Fish Tissue	Lipids, PCBs

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
HBMP-R13-01YP-05-ADLT-240913	40284193025	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01YP-06-ADLT-240913	40284193026	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01YP-07-ADLT-240913	40284193027	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01YP-08-ADLT-240913	40284193028	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01YP-09-ADLT-240913	40284193029	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01YP-10-ADLT-240913	40284193030	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01YP-11-ADLT-240913	40284193031	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01YP-12-ADLT-240913	40284193032	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01YP-13-ADLT-240913	40284193033	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01YP-14-ADLT-240913	40284193034	40284193	Fish Tissue	Lipids, PCBs
HBMP-R13-01YP-15-ADLT-240913	40284193035	40284193	Fish Tissue	Lipids, PCBs
HBMP-R15-01BB-01-ADLT-240913	40284194001	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01BB-02-ADLT-240913	40284194002	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01BB-03-ADLT-240913	40284194003	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01BB-04-ADLT-240913	40284194004	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01BB-05-ADLT-240913	40284194005	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01BB-06-ADLT-240913	40284194006	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01BB-07-ADLT-240913	40284194007	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01BB-08-ADLT-240913	40284194008	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01BB-09-ADLT-240913	40284194009	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01BB-10-ADLT-240913	40284194010	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01NP-01-ADLT-240913	40284194011	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01NP-02-ADLT-240913	40284194012	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01NP-03-ADLT-240913	40284194013	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01NP-04-ADLT-240913	40284194014	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01NP-05-ADLT-240913	40284194015	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01NP-06-ADLT-240913	40284194016	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01NP-07-ADLT-240913	40284194017	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01NP-08-ADLT-240913	40284194018	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01NP-09-ADLT-240913	40284194019	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01NP-10-ADLT-240913	40284194020	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01NP-11-ADLT-240913	40284194021	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01NP-12-ADLT-240913	40284194022	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01NP-13-ADLT-240913	40284194023	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01SB-01-ADLT-240913	40284194024	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01SB-02-ADLT-240913	40284194025	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01SB-03-ADLT-240913	40284194026	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01SB-04-ADLT-240913	40284194027	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01SB-05-ADLT-240913	40284194028	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01SB-06-ADLT-240913	40284194029	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01SB-07-ADLT-240913	40284194030	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01SB-08-ADLT-240913	40284194031	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01SB-09-ADLT-240913	40284194032	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01SB-10-ADLT-240913	40284194033	40284194	Fish Tissue	Lipids, PCBs

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
HBMP-R15-01YP-01-ADLT-240913	40284194034	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01YP-02-ADLT-240913	40284194035	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01YP-03-ADLT-240913	40284194036	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01YP-04-ADLT-240913	40284194037	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01YP-05-ADLT-240913	40284194038	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01YP-06-ADLT-240913	40284194039	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01YP-07-ADLT-240913	40284194040	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01YP-08-ADLT-240913	40284194041	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01YP-09-ADLT-240913	40284194042	40284194	Fish Tissue	Lipids, PCBs
HBMP-R15-01YP-10-ADLT-240913	40284194043	40284194	Fish Tissue	Lipids, PCBs

Data Validation and Qualifications

The following comments refer to the laboratory's performance in meeting the quality assurance/quality control (QA/QC) guidelines outlined in the analytical procedures. Laboratory results were reviewed using the following guidelines:

- Arcadis Quality Assurance Project Plan (QAPP; GE-Pittsfield/Housatonic River Site (GECD900) Second Revised Field Sampling Plan/Quality Assurance Project Plan 2023)
- *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods* (SW-846, Third Edition; USEPA 1986)
- *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA 2020a)
- *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA 2020b)

Unless noted in this report, laboratory results for the samples listed above were within QC criteria.

Field Documentation

Field documentation was checked for completeness and accuracy. The chain-of-custody forms were signed by Pace at the time of sample receipt; the samples were received in good condition.

Sample Preservation and Holding Times

Samples were appropriately preserved and analyzed within holding times with the following exceptions: All lipid results were analyzed out of the project-required holding time limit. The detected results were qualified "J" as estimated.

Laboratory Method Blanks

Laboratory method blanks were analyzed at the required frequencies and were free of target analytes with the exceptions of the lipids method blanks detected in analytical batches 500254, 500372, and 500378. Detected sample results that were not significantly greater (five times) than the concentration in the method blank were qualified with "J" as potential high bias.

Field Quality Control

No field quality control samples were collected in associated with this SDG.

Surrogate Recoveries

Surrogates recovered within project-required control limits with several exceptions. Due to the inability to accurately quantify surrogates when a sample was analyzed at a dilution of 5x or greater, no data were qualified when surrogate recoveries were outside of control limits in these instances. When surrogates recovered above the control limit and sample results were not detected, no data were qualified. Surrogates recovered outside of control limits in some laboratory QC samples, however; data are not qualified for surrogate outliers in QC samples alone or when outlying surrogates are associated with the non-reporting column. Surrogate recoveries were otherwise within control limits except for the decachlorobiphenyl (DCB) surrogate recovering below LCL and the Tetrachloro-m-xylene (TMX) surrogate recovering above UCL for the following samples:

Table 2
Surrogate Recovery Summary

sys_sample_code	Lab Sample ID	SDG	Method	Surrogate Name	DF	%R	LCL	UCL
HBMP-R15-01BB-01-ADLT-240913	40284194001	40284194	SW8082A	DCB	1	69	78	120
HBMP-R15-01YP-04-ADLT-240913	40284194037	40284194	SW8082A	DCB	1	69	78	120
HBMP-R13-01YP-15-ADLT-240913	40284193035	40284193	SW8082A	DCB	1	73	78	120
HBMP-R13-01YP-04-ADLT-240913	40284193024	40284193	SW8082A	DCB	1	74	78	120
HBMP-R13-01YP-07-ADLT-240913	40284193027	40284193	SW8082A	DCB	1	75	78	120
HBMP-R13-01YP-11-ADLT-240913	40284193031	40284193	SW8082A	DCB	1	75	78	120
HBMP-R15-01BB-06-ADLT-240913	40284194006	40284194	SW8082A	DCB	1	75	78	120
HBMP-R15-01BB-09-ADLT-240913	40284194009	40284194	SW8082A	DCB	1	75	78	120
HBMP-R15-01YP-07-ADLT-240913	40284194040	40284194	SW8082A	DCB	1	75	78	120
HBMP-R15-01YP-08-ADLT-240913	40284194041	40284194	SW8082A	DCB	1	75	78	120
HBMP-R15-01SB-09-ADLT-240913	40284194032	40284194	SW8082A	DCB	1	76	78	120
HBMP-R15-01YP-03-ADLT-240913	40284194036	40284194	SW8082A	DCB	1	76	78	120
HBMP-R13-01FL-01-ADLT-240913	40284193001	40284193	SW8082A	DCB	1	77	78	120
HBMP-R13-01YP-08-ADLT-240913	40284193028	40284193	SW8082A	DCB	1	77	78	120
HBMP-R15-01YP-05-ADLT-240913	40284194038	40284194	SW8082A	DCB	1	77	78	120
HBMP-R15-01BB-10-ADLT-240913	40284194010	40284194	SW8082A	TMX	1	123	80	120
HBMP-R15-01SB-03-ADLT-240913	40284194026	40284194	SW8082A	TMX	4	139	80	120

Notes:
DF= Dilution Factor
%R= Percent Recovery
LCL= Lower Control Limit
UCL= Upper Control Limit

The associated detected sample results were qualified "J" as estimated when detected, or "UJ" to indicate they are non-detect results and/or are estimates.

Laboratory Control Samples

Laboratory control samples (LCS) were analyzed at the required frequencies and resulted in recoveries within project-required control limits.

Matrix Spike Samples

Matrix spike (MS) samples and matrix spike duplicate (MSD) samples were analyzed at the required frequencies. Recovery values and relative percent differences (RPDs) were within project-required control limits.

Laboratory Duplicates

Laboratory duplicates were analyzed for lipids at the required frequency. Recovery values were within project-required control limits.

Method Detection and Reporting Limits

Detection and reporting limits were acceptable as reported and all screening levels were met. All values were reported using the laboratory detection limits and results detected below the reporting limit were reported to the MDLs as estimated values. Values were reported as undiluted or when diluted, the detection and reporting limits reflect the dilution factor.

Overall Assessment

As was determined by this evaluation, the laboratory followed the specified analytical methods and all requested sample analyses were completed. Accuracy was acceptable as demonstrated by the LCS and MS/MSD recovery values, with the exceptions noted above. Precision was acceptable as demonstrated by the laboratory duplicate RPD values and MS/MSD RPD values, with exceptions noted above. Most data are acceptable as reported or qualified. Completeness was 100% and completeness goals were met. Table 3 summarizes the qualifiers applied to the sample results reviewed in this report.

Data Qualifier Definitions

J Indicates an estimated value

U Indicates the compound or analyte was analyzed for but not detected at or above the specified limit.

UJ Indicates the compound or analyte was analyzed for but not detected and the specified limit reported is estimated.

Table 3
Data Qualification Summary

SDG 40284193

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R13-01FL-01-ADLT-240913	Conventionals	Lipids	0.73 %	0.73J %	Holding Times; Laboratory blanks
	PCBs	Aroclor 1016	25.1U µg/kg	25.1UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1232	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1242	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1248	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1254	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1260	142 µg/kg	142J µg/kg	
HBMP-R13-01FL-02-ADLT-240913	Conventionals	Lipids	0.78 %	0.78J %	Holding Times; Laboratory blanks
HBMP-R13-01FL-03-ADLT-240913	Conventionals	Lipids	0.81 %	0.81J %	Holding Times; Laboratory blanks
HBMP-R13-01FL-04-ADLT-240913	Conventionals	Lipids	0.73 %	0.73J %	Holding Times; Laboratory blanks
HBMP-R13-01FL-05-ADLT-240913	Conventionals	Lipids	0.91 %	0.91J %	Holding Times; Laboratory blanks
HBMP-R13-01FL-06-ADLT-240913	Conventionals	Lipids	0.94 %	0.94J %	Holding Times; Laboratory blanks
HBMP-R13-01FL-07-ADLT-240913	Conventionals	Lipids	0.55 %	0.55J %	Holding Times; Laboratory blanks
HBMP-R13-01FL-08-ADLT-240913	Conventionals	Lipids	0.88 %	0.88J %	Holding Times; Laboratory blanks
HBMP-R13-01FL-09-ADLT-240913	Conventionals	Lipids	0.51 %	0.51J %	Holding Times; Laboratory blanks
HBMP-R13-01FL-10-ADLT-240913	Conventionals	Lipids	0.58 %	0.58J %	Holding Times; Laboratory blanks
HBMP-R13-01SB-01-ADLT-240913	Conventionals	Lipids	0.58 %	0.58J %	Holding Times; Laboratory blanks
HBMP-R13-01SB-02-ADLT-240913	Conventionals	Lipids	1.2 %	1.2J %	Holding Times; Laboratory blanks
HBMP-R13-01SB-03-ADLT-240913	Conventionals	Lipids	1.2 %	1.2J %	Holding Times; Laboratory blanks
HBMP-R13-01SB-04-ADLT-240913	Conventionals	Lipids	1.4 %	1.4J %	Holding Times; Laboratory blanks
HBMP-R13-01SB-05-ADLT-240913	Conventionals	Lipids	1.2 %	1.2J %	Holding Times; Laboratory blanks
HBMP-R13-01SB-06-ADLT-240913	Conventionals	Lipids	1.8 %	1.8J %	Holding Times; Laboratory blanks
HBMP-R13-01SB-07-ADLT-240913	Conventionals	Lipids	1.5 %	1.5J %	Holding Times; Laboratory blanks
HBMP-R13-01SB-08-ADLT-240913	Conventionals	Lipids	0.75 %	0.75J %	Holding Times; Laboratory blanks
HBMP-R13-01SB-09-ADLT-240913	Conventionals	Lipids	0.62 %	0.62J %	Holding Times; Laboratory blanks

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R13-01SB-10-ADLT-240913	Conventionals	Lipids	1.5 %	1.5J %	Holding Times; Laboratory blanks
HBMP-R13-01YP-01-ADLT-240913	Conventionals	Lipids	0.37 %	0.37J %	Holding Times; Laboratory blanks
HBMP-R13-01YP-02-ADLT-240913	Conventionals	Lipids	0.57 %	0.57J %	Holding Times; Laboratory blanks
HBMP-R13-01YP-03-ADLT-240913	Conventionals	Lipids	0.40 %	0.40J %	Holding Times; Laboratory blanks
HBMP-R13-01YP-04-ADLT-240913	Conventionals	Lipids	0.41 %	0.41J %	Holding Times; Laboratory blanks
	PCBs	Aroclor 1016	25.1U µg/kg	25.1UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1232	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1242	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1248	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1254	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1260	46.1 µg/kg	46.1J µg/kg	
HBMP-R13-01YP-05-ADLT-240913	Conventionals	Lipids	0.49 %	0.49J %	Holding Times; Laboratory blanks
HBMP-R13-01YP-06-ADLT-240913	Conventionals	Lipids	0.48 %	0.48J %	Holding Times; Laboratory blanks
HBMP-R13-01YP-07-ADLT-240913	Conventionals	Lipids	0.82 %	0.82J %	Holding Times; Laboratory blanks
	PCBs	Aroclor 1016	25U µg/kg	25UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	25U µg/kg	25UJ µg/kg	
		Aroclor 1232	25U µg/kg	25UJ µg/kg	
		Aroclor 1242	25U µg/kg	25UJ µg/kg	
		Aroclor 1248	25U µg/kg	25UJ µg/kg	
		Aroclor 1254	25U µg/kg	25UJ µg/kg	
		Aroclor 1260	82.3 µg/kg	82.3J µg/kg	
HBMP-R13-01YP-08-ADLT-240913	Conventionals	Lipids	0.45 %	0.45J %	Holding Times; Laboratory blanks
	PCBs	Aroclor 1016	25U µg/kg	25UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	25U µg/kg	25UJ µg/kg	
		Aroclor 1232	25U µg/kg	25UJ µg/kg	
		Aroclor 1242	25U µg/kg	25UJ µg/kg	
		Aroclor 1248	25U µg/kg	25UJ µg/kg	
		Aroclor 1254	25U µg/kg	25UJ µg/kg	
		Aroclor 1260	57.5 µg/kg	57.5J µg/kg	
HBMP-R13-01YP-09-ADLT-240913	Conventionals	Lipids	0.54 %	0.54J %	Holding Times; Laboratory blanks
HBMP-R13-01YP-10-ADLT-240913	Conventionals	Lipids	0.35 %	0.35J %	Holding Times; Laboratory blanks
HBMP-R13-01YP-11-ADLT-240913	Conventionals	Lipids	1.4 %	1.4J %	Holding Times; Laboratory blanks
	PCBs	Aroclor 1016	25U µg/kg	25UJ µg/kg	

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
		Aroclor 1221	25U µg/kg	25UJ µg/kg	Surrogate %R below CL
		Aroclor 1232	25U µg/kg	25UJ µg/kg	
		Aroclor 1242	25U µg/kg	25UJ µg/kg	
		Aroclor 1248	25U µg/kg	25UJ µg/kg	
		Aroclor 1254	25U µg/kg	25UJ µg/kg	
		Aroclor 1260	160 µg/kg	160J µg/kg	
HBMP-R13-01YP-12-ADLT-240913	Conventionals	Lipids	0.44 %	0.44J %	Holding Times; Laboratory blanks
HBMP-R13-01YP-13-ADLT-240913	Conventionals	Lipids	1.2 %	1.2J %	Holding Times; Laboratory blanks
HBMP-R13-01YP-14-ADLT-240913	Conventionals	Lipids	1.2 %	1.2J %	Holding Times; Laboratory blanks
HBMP-R13-01YP-15-ADLT-240913	Conventionals	Lipids	0.80 %	0.80J %	Holding Times; Laboratory blanks
	PCBs	Aroclor 1016	25U µg/kg	25UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	25U µg/kg	25UJ µg/kg	
		Aroclor 1232	25U µg/kg	25UJ µg/kg	
		Aroclor 1242	25U µg/kg	25UJ µg/kg	
		Aroclor 1248	25U µg/kg	25UJ µg/kg	
		Aroclor 1254	25U µg/kg	25UJ µg/kg	
		Aroclor 1260	147 µg/kg	147J µg/kg	

Notes:
µg/kg = Microgram per kilogram
%R = Percent Recovery

SDG 40284194

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R15-01BB-01-ADLT-240913	Conventionals	Lipids	0.86 %	0.86J %	Holding Times; Laboratory blanks
	PCBs	Aroclor 1016	24.9U µg/kg	24.9UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	24.9U µg/kg	24.9UJ µg/kg	
		Aroclor 1232	24.9U µg/kg	24.9UJ µg/kg	
		Aroclor 1242	24.9U µg/kg	24.9UJ µg/kg	
		Aroclor 1248	24.9U µg/kg	24.9UJ µg/kg	
		Aroclor 1254	24.9U µg/kg	24.9UJ µg/kg	
		Aroclor 1260	62.6 µg/kg	62.6J µg/kg	
HBMP-R15-01BB-02-ADLT-240913	Conventionals	Lipids	1.6 %	1.6J %	Holding Times; Laboratory blanks
HBMP-R15-01BB-03-ADLT-240913	Conventionals	Lipids	3.2 %	3.2J %	Holding Times
HBMP-R15-01BB-04-ADLT-240913	Conventionals	Lipids	1.4 %	1.4J %	Holding Times; Laboratory blanks
HBMP-R15-01BB-05-ADLT-240913	Conventionals	Lipids	3.1 %	3.1J %	Holding Times

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R15-01BB-06-ADLT-240913	Conventionals	Lipids	1.4 %	1.4J %	Holding Times; Laboratory blanks
	PCBs	Aroclor 1016	25U µg/kg	25UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	25U µg/kg	25UJ µg/kg	
		Aroclor 1232	25U µg/kg	25UJ µg/kg	
		Aroclor 1242	25U µg/kg	25UJ µg/kg	
		Aroclor 1248	25U µg/kg	25UJ µg/kg	
		Aroclor 1254	25U µg/kg	25UJ µg/kg	
		Aroclor 1260	118 µg/kg	118J µg/kg	
HBMP-R15-01BB-07-ADLT-240913	Conventionals	Lipids	2.5 %	2.5J %	Holding Times; Laboratory blanks
HBMP-R15-01BB-08-ADLT-240913	Conventionals	Lipids	3.7 %	3.7J %	Holding Times
HBMP-R15-01BB-09-ADLT-240913	Conventionals	Lipids	1.3 %	1.3J %	Holding Times; Laboratory blanks
	PCBs	Aroclor 1016	25U µg/kg	25UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	25U µg/kg	25UJ µg/kg	
		Aroclor 1232	25U µg/kg	25UJ µg/kg	
		Aroclor 1242	25U µg/kg	25UJ µg/kg	
		Aroclor 1248	25U µg/kg	25UJ µg/kg	
		Aroclor 1254	25U µg/kg	25UJ µg/kg	
		Aroclor 1260	67.8 µg/kg	67.8J µg/kg	
HBMP-R15-01BB-10-ADLT-240913	Conventionals	Lipids	0.92 %	0.92J %	Holding Times; Laboratory blanks
	PCBs	Aroclor 1260	57.2 µg/kg	57.2J µg/kg	Surrogate %R above CL
HBMP-R15-01NP-01-ADLT-240913	Conventionals	Lipids	1.9 %	1.9J %	Holding Times; Laboratory blanks
HBMP-R15-01NP-02-ADLT-240913	Conventionals	Lipids	2.1 %	2.1J %	Holding Times; Laboratory blanks
HBMP-R15-01NP-03-ADLT-240913	Conventionals	Lipids	1.3 %	1.3J %	Holding Times; Laboratory blanks
HBMP-R15-01NP-04-ADLT-240913	Conventionals	Lipids	0.85 %	0.85J %	Holding Times; Laboratory blanks
HBMP-R15-01NP-05-ADLT-240913	Conventionals	Lipids	2.2 %	2.2J %	Holding Times; Laboratory blanks
HBMP-R15-01NP-06-ADLT-240913	Conventionals	Lipids	1.8 %	1.8J %	Holding Times; Laboratory blanks
HBMP-R15-01NP-07-ADLT-240913	Conventionals	Lipids	1.3 %	1.3J %	Holding Times; Laboratory blanks
HBMP-R15-01NP-08-ADLT-240913	Conventionals	Lipids	1.0 %	1.0J %	Holding Times; Laboratory blanks
HBMP-R15-01NP-09-ADLT-240913	Conventionals	Lipids	0.73 %	0.73J %	Holding Times; Laboratory blanks
HBMP-R15-01NP-10-ADLT-240913	Conventionals	Lipids	0.56 %	0.56J %	Holding Times; Laboratory blanks
HBMP-R15-01NP-11-ADLT-240913	Conventionals	Lipids	1.7 %	1.7J %	Holding Times; Laboratory blanks

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R15-01NP-12-ADLT-240913	Conventionals	Lipids	1.4 %	1.4J %	Holding Times; Laboratory blanks
HBMP-R15-01NP-13-ADLT-240913	Conventionals	Lipids	0.77 %	0.77J %	Holding Times; Laboratory blanks
HBMP-R15-01SB-01-ADLT-240913	Conventionals	Lipids	3.3 %	3.3J %	Holding Times
HBMP-R15-01SB-02-ADLT-240913	Conventionals	Lipids	1.2 %	1.2J %	Holding Times; Laboratory blanks
HBMP-R15-01SB-03-ADLT-240913	Conventionals	Lipids	4.7 %	4.7J %	Holding Times
	PCBs	Aroclor 1248	55.9 µg/kg	55.9J µg/kg	Surrogate %R above CL
		Aroclor 1260	499 µg/kg	499J µg/kg	
HBMP-R15-01SB-04-ADLT-240913	Conventionals	Lipids	2.2 %	2.2J %	Holding Times; Laboratory blanks
HBMP-R15-01SB-05-ADLT-240913	Conventionals	Lipids	2.2 %	2.2J %	Holding Times; Laboratory blanks
HBMP-R15-01SB-06-ADLT-240913	Conventionals	Lipids	1.3 %	1.3J %	Holding Times; Laboratory blanks
HBMP-R15-01SB-07-ADLT-240913	Conventionals	Lipids	3.5 %	3.5J %	Holding Times
HBMP-R15-01SB-08-ADLT-240913	Conventionals	Lipids	0.75 %	0.75J %	Holding Times; Laboratory blanks
HBMP-R15-01SB-09-ADLT-240913	Conventionals	Lipids	0.27 %	0.27J %	Holding Times; Laboratory blanks
HBMP-R15-01SB-10-ADLT-240913	Conventionals	Lipids	2.0 %	2.0J %	Holding Times; Laboratory blanks
HBMP-R15-01YP-01-ADLT-240913	Conventionals	Lipids	0.39 %	0.39J %	Holding Times; Laboratory blanks
HBMP-R15-01YP-02-ADLT-240913	Conventionals	Lipids	0.39 %	0.39J %	Holding Times; Laboratory blanks
HBMP-R15-01YP-03-ADLT-240913	Conventionals	Lipids	0.38 %	0.38J %	Holding Times; Laboratory blanks
	PCBs	Aroclor 1016	25U µg/kg	25UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	25U µg/kg	25UJ µg/kg	
		Aroclor 1232	25U µg/kg	25UJ µg/kg	
		Aroclor 1242	25U µg/kg	25UJ µg/kg	
		Aroclor 1248	25U µg/kg	25UJ µg/kg	
		Aroclor 1254	25U µg/kg	25UJ µg/kg	
		Aroclor 1260	29.8 µg/kg	29.8J µg/kg	
HBMP-R15-01YP-04-ADLT-240913	Conventionals	Lipids	0.40 %	0.40J %	Holding Times; Laboratory blanks
	PCBs	Aroclor 1016	25U µg/kg	25UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	25U µg/kg	25UJ µg/kg	
		Aroclor 1232	25U µg/kg	25UJ µg/kg	
		Aroclor 1242	25U µg/kg	25UJ µg/kg	
		Aroclor 1248	25U µg/kg	25UJ µg/kg	
		Aroclor 1254	25U µg/kg	25UJ µg/kg	
		Aroclor 1260	34.6 µg/kg	34.6J µg/kg	
HBMP-R15-01YP-05-ADLT-240913	Conventionals	Lipids	0.85 %	0.85J %	Holding Times; Laboratory blanks

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
	PCBs	Aroclor 1016	25.1U µg/kg	25.1UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1232	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1242	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1248	9.8 µg/kg	9.8J µg/kg	
		Aroclor 1254	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1260	131 µg/kg	131J µg/kg	
HBMP-R15-01YP-06-ADLT-240913	Conventionals	Lipids	0.62 %	0.62J %	Holding Times; Laboratory blanks
HBMP-R15-01YP-07-ADLT-240913	Conventionals	Lipids	0.53 %	0.53J %	Holding Times; Laboratory blanks
	PCBs	Aroclor 1016	25.1U µg/kg	25.1UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1232	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1242	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1248	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1254	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1260	45.6 µg/kg	45.6J µg/kg	
HBMP-R15-01YP-08-ADLT-240913	Conventionals	Lipids	0.31 %	0.31J %	Holding Times; Laboratory blanks
	PCBs	Aroclor 1016	25.1U µg/kg	25.1UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1232	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1242	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1248	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1254	25.1U µg/kg	25.1UJ µg/kg	
		Aroclor 1260	42.0 µg/kg	42.0J µg/kg	
HBMP-R15-01YP-09-ADLT-240913	Conventionals	Lipids	0.50 %	0.50J %	Holding Times; Laboratory blanks
HBMP-R15-01YP-10-ADLT-240913	Conventionals	Lipids	0.32 %	0.32J %	Holding Times; Laboratory blanks

References

GE-Pittsfield/Housatonic River Site (GECD900) Second Revised Field Sampling Plan/Quality Assurance Project Plan (QAPP). December 2023.

USEPA, 1986. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods*. Office of Solid Waste and Emergency Response. EPA-530/SW-846.

USEPA 2020a. National Functional Guidelines for Superfund Organic Methods Data Review. Office of Superfund Remediation and Technology Innovation. EPA-540-R-20-005. November 2020.

USEPA 2020b. National Functional Guidelines for Inorganic Superfund Methods Data Review. Office of Superfund Remediation and Technology Innovation. EPA-542-R-20-006. November 2020.

1201 3rd Avenue, Suite 2600
Seattle, Washington 98101
206.287.9130

ANCHOR QEA

Data Validation Report – EPA Stage 2A

August 26, 2025

Project: Housatonic Baseline Monitoring

Project Number: 230469-07.01

Validation ID: AQ-2024-0125

This report summarizes the review of analytical results for 51 fish tissue samples collected between September 13, 2024. The samples were collected by Anchor QEA and submitted to Pace Analytical Services (Pace) in Green Bay, Wisconsin. The samples were analyzed for the following parameters:

- Polychlorinated biphenyls (PCBs) by U.S. Environmental Protection Agency (USEPA) method 8082A
- Lipids by Pace SOP analytical method ENVSOPGBAY0090-00

Pace sample delivery groups (SDG) 40284195, and 40284196 were reviewed in this report. Sample IDs and analyses are presented in Table 1.

Table 1
Sample IDs, Matrices, and Analyses

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
HBMP-R14-01BB-01-ADLT-240913	40284195001	40284195	Fish Tissue	Lipids, PCBs
HBMP-R14-01BB-02-ADLT-240913	40284195002	40284195	Fish Tissue	Lipids, PCBs
HBMP-R14-01BB-03-ADLT-240913	40284195003	40284195	Fish Tissue	Lipids, PCBs
HBMP-R14-01BB-04-ADLT-240913	40284195004	40284195	Fish Tissue	Lipids, PCBs
HBMP-R14-01NP-01-ADLT-240913	40284195005	40284195	Fish Tissue	Lipids, PCBs
HBMP-R14-01SB-01-ADLT-240913	40284195006	40284195	Fish Tissue	Lipids, PCBs
HBMP-R14-01SB-02-ADLT-240913	40284195007	40284195	Fish Tissue	Lipids, PCBs
HBMP-R14-01YP-01-ADLT-240913	40284195008	40284195	Fish Tissue	Lipids, PCBs
HBMP-R14-01YP-02-ADLT-240913	40284195009	40284195	Fish Tissue	Lipids, PCBs
HBMP-R14-01YP-03-ADLT-240913	40284195010	40284195	Fish Tissue	Lipids, PCBs
HBMP-R14-01YP-04-ADLT-240913	40284195011	40284195	Fish Tissue	Lipids, PCBs
HBMP-R14-01YP-05-ADLT-240913	40284195012	40284195	Fish Tissue	Lipids, PCBs
HBMP-R14-01YP-06-ADLT-240913	40284195013	40284195	Fish Tissue	Lipids, PCBs
HBMP-R14-01YP-07-ADLT-240913	40284195014	40284195	Fish Tissue	Lipids, PCBs
HBMP-R14-01YP-08-ADLT-240913	40284195015	40284195	Fish Tissue	Lipids, PCBs
HBMP-R14-01YP-09-ADLT-240913	40284195016	40284195	Fish Tissue	Lipids, PCBs
HBMP-R14-01YP-10-ADLT-240913	40284195017	40284195	Fish Tissue	Lipids, PCBs
HBMP-R09-01LB-01-ADLT-240912	40284196001	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01LB-01-YOY-240912	40284196002	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01LB-02-ADLT-240912	40284196003	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01LB-02-YOY-240912	40284196004	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01LB-03-ADLT-240912	40284196005	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01LB-03-YOY-240912	40284196006	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01LB-04-ADLT-240912	40284196007	40284196	Fish Tissue	Lipids, PCBs

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
HBMP-R09-01LB-04-YOY-240912	40284196008	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01LB-05-ADLT-240912	40284196009	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01LB-05-YOY-240912	40284196010	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01LB-06-ADLT-240912	40284196011	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01LB-06-YOY-240912	40284196012	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01LB-07-ADLT-240912	40284196013	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01LB-07-YOY-240912	40284196014	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01LB-08-ADLT-240912	40284196015	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01LB-09-ADLT-240912	40284196016	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01LB-10-ADLT-240912	40284196017	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01YP-01-ADLT-240912	40284196018	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01YP-01-YOY-240912	40284196019	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01YP-02-ADLT-240912	40284196020	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01YP-02-YOY-240912	40284196021	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01YP-03-ADLT-240912	40284196022	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01YP-03-YOY-240912	40284196023	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01YP-04-ADLT-240912	40284196024	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01YP-04-YOY-240912	40284196025	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01YP-05-ADLT-240912	40284196026	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01YP-05-YOY-240912	40284196027	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01YP-06-ADLT-240912	40284196028	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01YP-06-YOY-240912	40284196029	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01YP-07-ADLT-240912	40284196030	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01YP-07-YOY-240912	40284196031	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01YP-08-ADLT-240912	40284196032	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01YP-09-ADLT-240912	40284196033	40284196	Fish Tissue	Lipids, PCBs
HBMP-R09-01YP-10-ADLT-240912	40284196034	40284196	Fish Tissue	Lipids, PCBs

Data Validation and Qualifications

The following comments refer to the laboratory's performance in meeting the quality assurance/quality control (QA/QC) guidelines outlined in the analytical procedures. Laboratory results were reviewed using the following guidelines:

- Arcadis Quality Assurance Project Plan (QAPP; GE-Pittsfield/Housatonic River Site (GECD900) Second Revised Field Sampling Plan/Quality Assurance Project Plan 2023)
- *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods* (SW-846, Third Edition; USEPA 1986)
- *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA 2020a)
- *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA 2020b)

Unless noted in this report, laboratory results for the samples listed above were within QC criteria.

Field Documentation

Field documentation was checked for completeness and accuracy. The chain-of-custody forms were signed by Pace at the time of sample receipt; the samples were received in good condition.

Sample Preservation and Holding Times

Samples were appropriately preserved and analyzed within holding times with the following exceptions. Most lipid results were analyzed out of the project-required holding time limit. The detected results were qualified "J" as estimated.

Laboratory Method Blanks

Laboratory method blanks were analyzed at the required frequencies and were free of target analytes with the exceptions of the lipids method blanks detected in analytical batches 500161 and 500490. Detected sample results that were not significantly greater (five times) than the concentration in the blank were qualified with "J" as potential high bias.

Field Quality Control

No field quality control samples were collected in associated with this SDG.

Surrogate Recoveries

Surrogates recovered within project-required control limits with several exceptions. Due to the inability to accurately quantify surrogates when a sample was analyzed at a dilution of 5x or greater, no data were qualified when surrogate recoveries were outside of control limits in these instances. When surrogates recovered above the control limit and sample results were not detected, no data were qualified. Surrogates recovered outside of control limits in some laboratory QC samples, however; data are not qualified for surrogate outliers in QC samples alone or when outlying surrogates are associated with the non-reporting column. Surrogate recoveries were otherwise within control limits except for the decachlorobiphenyl (DCB) surrogate recovering below LCL in SDG 40284195, sample HBMP-R14-01YP-06-ADLT-240913 (75%). The associated detected sample results were qualified "J" as estimated when detected, or "UJ" to indicate they are non-detect results and/or are estimates.

Laboratory Control Samples

Laboratory control samples (LCS) were analyzed at the required frequencies and resulted in recoveries within project-required control limits with the following exception. The LCS recovered above the control limit for Aroclor 1254 for prep batch 500172. Associated detected PCB results were qualified "J" to indicate a potential high bias.

Matrix Spike Samples

Matrix spike (MS) samples and matrix spike duplicate (MSD) samples were analyzed at the required frequencies. Recovery values and relative percent differences (RPDS) were within project-required control limits.

Laboratory Duplicates

Laboratory duplicates were analyzed for lipids at the required frequency. Recovery values were within project-required control limits.

Method Detection and Reporting Limits

Detection and reporting limits were acceptable as reported and all screening levels were met. All values were reported using the laboratory detection limits and results detected below the reporting limit were reported to the MDLs as estimated values. Values were reported as undiluted or when diluted, the detection and reporting limits reflect the dilution factor.

Overall Assessment

As was determined by this evaluation, the laboratory followed the specified analytical methods and all requested sample analyses were completed. Accuracy was acceptable as demonstrated by the LCS and MS/MSD recovery values, with the exceptions noted above. Precision was acceptable as demonstrated by the laboratory duplicate RPD values and MS/MSD RPD values, with exceptions noted above. Most data are acceptable as reported or qualified. Completeness was 100% and completeness goals were met. Table 2 summarizes the qualifiers applied to the sample results reviewed in this report.

Data Qualifier Definitions

J Indicates an estimated value

U Indicates the compound or analyte was analyzed for but not detected at or above the specified limit.

UJ Indicates the compound or analyte was analyzed for but not detected and the specified limit reported is estimated.

Table 2
Data Qualification Summary

SDG 40284195

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R14-01BB-01-ADLT-240913	Conventionals	Lipids	5.5 %	5.5J %	Holding Times
HBMP-R14-01BB-02-ADLT-240913	Conventionals	Lipids	2.8 %	2.8J %	Holding Times
HBMP-R14-01BB-03-ADLT-240913	Conventionals	Lipids	2.1 %	2.1J %	Laboratory blanks; Holding Times
HBMP-R14-01BB-04-ADLT-240913	Conventionals	Lipids	1.3 %	1.3J %	Laboratory blanks; Holding Times
HBMP-R14-01NP-01-ADLT-240913	Conventionals	Lipids	0.96 %	0.96J %	Laboratory blanks; Holding Times
HBMP-R14-01SB-01-ADLT-240913	Conventionals	Lipids	1.2 %	1.2J %	Laboratory blanks; Holding Times
HBMP-R14-01SB-02-ADLT-240913	Conventionals	Lipids	1.7 %	1.7J %	Laboratory blanks; Holding Times
HBMP-R14-01YP-01-ADLT-240913	Conventionals	Lipids	0.30 %	0.30J %	Laboratory blanks; Holding Times
HBMP-R14-01YP-02-ADLT-240913	Conventionals	Lipids	0.24 %	0.24J %	Laboratory blanks; Holding Times
HBMP-R14-01YP-03-ADLT-240913	Conventionals	Lipids	0.22 %	0.22J %	Laboratory blanks; Holding Times
HBMP-R14-01YP-04-ADLT-240913	Conventionals	Lipids	0.29 %	0.29J %	Laboratory blanks; Holding Times
HBMP-R14-01YP-05-ADLT-240913	Conventionals	Lipids	0.39 %	0.39J %	Laboratory blanks; Holding Times
HBMP-R14-01YP-06-ADLT-240913	Conventionals	Lipids	0.84 %	0.84J %	Laboratory blanks; Holding Times
	PCBs	Aroclor 1016	25U µg/kg	25UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	25u µg/kg	25UJ µg/kg	
		Aroclor 1232	25U µg/kg	25UJ µg/kg	
		Aroclor 1242	25U µg/kg	25UJ µg/kg	
		Aroclor 1248	25U µg/kg	25UJ µg/kg	
		Aroclor 1254	25U µg/kg	25UJ µg/kg	
		Aroclor 1260	118 µg/kg	118J µg/kg	
HBMP-R14-01YP-07-ADLT-240913	Conventionals	Lipids	0.51 %	0.51J %	Laboratory blanks; Holding Times
HBMP-R14-01YP-08-ADLT-240913	Conventionals	Lipids	0.41 %	0.41J %	Laboratory blanks; Holding Times
HBMP-R14-01YP-09-ADLT-240913	Conventionals	Lipids	0.24 %	0.24J %	Laboratory blanks; Holding Times
HBMP-R14-01YP-10-ADLT-240913	Conventionals	Lipids	0.19 %	0.19J %	Laboratory blanks; Holding Times

Notes:
µg/kg = Microgram per kilogram
%R = Percent Recovery

SDG 40284196

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R09-01LB-01-ADLT-240912	Conventionals	Lipids	0.63 %	0.63J %	Laboratory blanks; Holding Times
HBMP-R09-01LB-01-YOY-240912	Conventionals	Lipids	1.5 %	1.5J %	Laboratory blanks; Holding Times
HBMP-R09-01LB-02-ADLT-240912	Conventionals	Lipids	0.62 %	0.62J %	Laboratory blanks; Holding Times
HBMP-R09-01LB-02-YOY-240912	Conventionals	Lipids	2.3 %	2.3J %	Laboratory blanks; Holding Times
HBMP-R09-01LB-03-ADLT-240912	Conventionals	Lipids	0.70 %	0.70J %	Laboratory blanks; Holding Times
HBMP-R09-01LB-03-YOY-240912	Conventionals	Lipids	3.0 %	3.0J %	Laboratory blanks; Holding Times
HBMP-R09-01LB-04-ADLT-240912	Conventionals	Lipids	2.3 %	2.3J %	Laboratory blanks; Holding Times
HBMP-R09-01LB-04-YOY-240912	Conventionals	Lipids	2.2 %	2.2J %	Laboratory blanks; Holding Times
HBMP-R09-01LB-05-ADLT-240912	Conventionals	Lipids	1.1 %	1.1J %	Laboratory blanks; Holding Times
HBMP-R09-01LB-05-YOY-240912	Conventionals	Lipids	2.1 %	2.1J %	Laboratory blanks; Holding Times
HBMP-R09-01LB-06-ADLT-240912	Conventionals	Lipids	1.4 %	1.4J %	Laboratory blanks; Holding Times
HBMP-R09-01LB-06-YOY-240912	Conventionals	Lipids	2.1 %	2.1J %	Laboratory blanks; Holding Times
HBMP-R09-01LB-07-ADLT-240912	Conventionals	Lipids	1.7 %	1.7J %	Laboratory blanks; Holding Times
HBMP-R09-01LB-07-YOY-240912	Conventionals	Lipids	2.5 %	2.5J %	Laboratory blanks; Holding Times
HBMP-R09-01LB-08-ADLT-240912	Conventionals	Lipids	1.1 %	1.1J %	Laboratory blanks; Holding Times
HBMP-R09-01LB-09-ADLT-240912	Conventionals	Lipids	1.4 %	1.4J %	Laboratory blanks; Holding Times
HBMP-R09-01LB-10-ADLT-240912	Conventionals	Lipids	0.56 %	0.56J %	Laboratory blanks; Holding Times
HBMP-R09-01YP-01-ADLT-240912	Conventionals	Lipids	0.93 %	0.93J %	Laboratory blanks; Holding Times
HBMP-R09-01YP-01-YOY-240912	Conventionals	Lipids	2.2 %	2.2J %	Laboratory blanks; Holding Times
HBMP-R09-01YP-02-ADLT-240912	Conventionals	Lipids	0.91 %	0.91J %	Laboratory blanks; Holding Times
HBMP-R09-01YP-02-YOY-240912	Conventionals	Lipids	2.5 %	2.5J %	Laboratory blanks; Holding Times
HBMP-R09-01YP-03-ADLT-240912	Conventionals	Lipids	0.78 %	0.78J %	Laboratory blanks; Holding Times

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
	PCBs	Aroclor 1254	193 µg/kg	193J µg/kg	LCS %R above CL
HBMP-R09-01YP-03-YOY-240912	Conventionals	Lipids	2.5 %	2.5J %	Laboratory blanks; Holding Times
HBMP-R09-01YP-04-ADLT-240912	Conventionals	Lipids	0.60 %	0.60J %	Laboratory blanks; Holding Times
HBMP-R09-01YP-04-YOY-240912	Conventionals	Lipids	2.5 %	2.5J %	Laboratory blanks; Holding Times
HBMP-R09-01YP-05-ADLT-240912	Conventionals	Lipids	1.4 %	1.4J %	Laboratory blanks; Holding Times
HBMP-R09-01YP-05-YOY-240912	Conventionals	Lipids	2.8 %	2.8J %	Laboratory blanks; Holding Times
HBMP-R09-01YP-06-ADLT-240912	Conventionals	Lipids	0.83 %	0.83J %	Laboratory blanks; Holding Times
HBMP-R09-01YP-06-YOY-240912	Conventionals	Lipids	1.9 %	1.9J %	Laboratory blanks; Holding Times
HBMP-R09-01YP-07-ADLT-240912	Conventionals	Lipids	1.0 %	1.0J %	Laboratory blanks; Holding Times
HBMP-R09-01YP-07-YOY-240912	Conventionals	Lipids	2.6 %	2.6J %	Laboratory blanks
HBMP-R09-01YP-08-ADLT-240912	Conventionals	Lipids	0.98 %	0.98J %	Laboratory blanks
HBMP-R09-01YP-09-ADLT-240912	Conventionals	Lipids	0.88 %	0.88J %	Laboratory blanks
HBMP-R09-01YP-10-ADLT-240912	Conventionals	Lipids	0.91 %	0.91J %	Laboratory blanks

References

GE-Pittsfield/Housatonic River Site (GECD900) Second Revised Field Sampling Plan/Quality Assurance Project Plan (QAPP). December 2023.

USEPA, 1986. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods*. Office of Solid Waste and Emergency Response. EPA-530/SW-846.

USEPA 2020a. National Functional Guidelines for Superfund Organic Methods Data Review. Office of Superfund Remediation and Technology Innovation. EPA-540-R-20-005. November 2020.

USEPA 2020b. National Functional Guidelines for Inorganic Superfund Methods Data Review. Office of Superfund Remediation and Technology Innovation. EPA-542-R-20-006. November 2020.

1201 3rd Avenue, Suite 2600
Seattle, Washington 98101
206.287.9130

ANCHOR QEA

Data Validation Report – EPA Stage 2A

August 26, 2025

Project: Housatonic Baseline Monitoring

Project Number: 230469-07.01

Validation ID: AQ-2024-0126

This report summarizes the review of analytical results for 84 fish tissue samples collected between September 11, 2024 through September 18, 2024. The samples were collected by Anchor QEA and submitted to Pace Analytical Services (Pace) in Green Bay, Wisconsin. The samples were analyzed for the following parameters:

- Polychlorinated biphenyls (PCBs) by U.S. Environmental Protection Agency (USEPA) method 8082A
- Lipids by Pace SOP analytical method ENVSOPGBAY0090-00

Pace sample delivery groups (SDG) 40284200, 40284225, 40284227 and 40284229 were reviewed in this report. Sample IDs and analyses are presented in Table 1.

Table 1
Sample IDs, Matrices, and Analyses

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
HBMP-R06-01LB-01-ADLT-240911	40284200001	40284200	Fish Tissue	Lipids, PCBs
HBMP-R06-01LB-01-ADLT-240912	40284200002	40284200	Fish Tissue	Lipids, PCBs
HBMP-R06-01LB-02-ADLT-240911	40284200003	40284200	Fish Tissue	Lipids, PCBs
HBMP-R06-01LB-02-ADLT-240912	40284200004	40284200	Fish Tissue	Lipids, PCBs
HBMP-R06-01LB-03-ADLT-240911	40284200005	40284200	Fish Tissue	Lipids, PCBs
HBMP-R06-01LB-03-ADLT-240912	40284200006	40284200	Fish Tissue	Lipids, PCBs
HBMP-R06-01LB-04-ADLT-240911	40284200007	40284200	Fish Tissue	Lipids, PCBs
HBMP-R06-01LB-05-ADLT-240911	40284200008	40284200	Fish Tissue	Lipids, PCBs
HBMP-R06-01LB-06-ADLT-240911	40284200009	40284200	Fish Tissue	Lipids, PCBs
HBMP-R06-01LB-07-ADLT-240911	40284200010	40284200	Fish Tissue	Lipids, PCBs
HBMP-R06-01YP-01-ADLT-240912	40284200011	40284200	Fish Tissue	Lipids, PCBs
HBMP-R06-01YP-02-ADLT-240912	40284200012	40284200	Fish Tissue	Lipids, PCBs
HBMP-R06-01YP-03-ADLT-240912	40284200013	40284200	Fish Tissue	Lipids, PCBs
HBMP-R06-01YP-04-ADLT-240912	40284200014	40284200	Fish Tissue	Lipids, PCBs
HBMP-R06-01YP-05-ADLT-240912	40284200015	40284200	Fish Tissue	Lipids, PCBs
HBMP-R16-01BB-01-ADLT-240918	40284425001	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01BB-02-ADLT-240918	40284425002	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01BB-03-ADLT-240918	40284425003	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01BB-04-ADLT-240918	40284425004	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01BB-05-ADLT-240918	40284425005	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01BB-06-ADLT-240918	40284425006	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01BB-07-ADLT-240918	40284425007	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01BB-08-ADLT-240918	40284425008	40284425	Fish Tissue	Lipids, PCBs

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
HBMP-R16-01BB-09-ADLT-240918	40284425009	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01BB-10-ADLT-240918	40284425010	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01SB-01-ADLT-240918	40284425011	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01SB-02-ADLT-240918	40284425012	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01SB-03-ADLT-240918	40284425013	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01SB-04-ADLT-240918	40284425014	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01SB-05-ADLT-240918	40284425015	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01SB-06-ADLT-240918	40284425016	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01SB-07-ADLT-240918	40284425017	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01SB-08-ADLT-240918	40284425018	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01SB-09-ADLT-240918	40284425019	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01SB-10-ADLT-240918	40284425020	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01YP-01-ADLT-240918	40284425021	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01YP-02-ADLT-240918	40284425022	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01YP-03-ADLT-240918	40284425023	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01YP-04-ADLT-240918	40284425024	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01YP-05-ADLT-240918	40284425025	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01YP-06-ADLT-240918	40284425026	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01YP-07-ADLT-240918	40284425027	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01YP-08-ADLT-240918	40284425028	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01YP-09-ADLT-240918	40284425029	40284425	Fish Tissue	Lipids, PCBs
HBMP-R16-01YP-10-ADLT-240918	40284425030	40284425	Fish Tissue	Lipids, PCBs
HBMP-R12-01BB-01-ADLT-240917	40284427001	40284427	Fish Tissue	Lipids, PCBs
HBMP-R12-01BB-01-ADLT-240918	40284427002	40284427	Fish Tissue	Lipids, PCBs
HBMP-R12-01BB-02-ADLT-240917	40284427003	40284427	Fish Tissue	Lipids, PCBs
HBMP-R12-01BB-02-ADLT-240918	40284427004	40284427	Fish Tissue	Lipids, PCBs
HBMP-R12-01BB-03-ADLT-240917	40284427005	40284427	Fish Tissue	Lipids, PCBs
HBMP-R12-01BB-04-ADLT-240917	40284427006	40284427	Fish Tissue	Lipids, PCBs
HBMP-R12-01BB-05-ADLT-240917	40284427007	40284427	Fish Tissue	Lipids, PCBs
HBMP-R12-01SB-01-ADLT-240917	40284427008	40284427	Fish Tissue	Lipids, PCBs
HBMP-R12-01SB-02-ADLT-240917	40284427009	40284427	Fish Tissue	Lipids, PCBs
HBMP-R12-01YP-01-ADLT-240917	40284427010	40284427	Fish Tissue	Lipids, PCBs
HBMP-R12-01YP-01-ADLT-240918	40284427011	40284427	Fish Tissue	Lipids, PCBs
HBMP-R12-01YP-02-ADLT-240917	40284427012	40284427	Fish Tissue	Lipids, PCBs
HBMP-R12-01YP-03-ADLT-240917	40284427013	40284427	Fish Tissue	Lipids, PCBs
HBMP-R12-01YP-04-ADLT-240917	40284427014	40284427	Fish Tissue	Lipids, PCBs
HBMP-R12-01YP-05-ADLT-240917	40284427015	40284427	Fish Tissue	Lipids, PCBs
HBMP-R12-01YP-06-ADLT-240917	40284427016	40284427	Fish Tissue	Lipids, PCBs
HBMP-R14-01BB-01-ADLT-240917	40284429001	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01BB-02-ADLT-240917	40284429002	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01BB-03-ADLT-240917	40284429003	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01BB-04-ADLT-240917	40284429004	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01BB-05-ADLT-240917	40284429005	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01BB-06-ADLT-240917	40284429006	40284429	Fish Tissue	Lipids, PCBs

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
HBMP-R14-01NP-01-ADLT-240918	40284429007	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01NP-02-ADLT-240918	40284429008	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01NP-03-ADLT-240918	40284429009	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01NP-04-ADLT-240918	40284429010	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01NP-05-ADLT-240918	40284429011	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01NP-06-ADLT-240918	40284429012	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01NP-07-ADLT-240918	40284429013	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01NP-08-ADLT-240918	40284429014	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01NP-09-ADLT-240918	40284429015	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01SB-01-ADLT-240917	40284429016	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01SB-01-ADLT-240918	40284429017	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01SB-02-ADLT-240917	40284429018	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01SB-02-ADLT-240918	40284429019	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01SB-03-ADLT-240917	40284429020	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01SB-04-ADLT-240917	40284429021	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01SB-05-ADLT-240917	40284429022	40284429	Fish Tissue	Lipids, PCBs
HBMP-R14-01SB-06-ADLT-240917	40284429023	40284429	Fish Tissue	Lipids, PCBs

Data Validation and Qualifications

The following comments refer to the laboratory's performance in meeting the quality assurance/quality control (QA/QC) guidelines outlined in the analytical procedures. Laboratory results were reviewed using the following guidelines:

- Arcadis Quality Assurance Project Plan (QAPP; GE-Pittsfield/Housatonic River Site (GECD900) Second Revised Field Sampling Plan/Quality Assurance Project Plan 2023)
- *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods* (SW-846, Third Edition; USEPA 1986)
- *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA 2020a)
- *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA 2020b)

Unless noted in this report, laboratory results for the samples listed above were within QC criteria.

Field Documentation

Field documentation was checked for completeness and accuracy. The chain-of-custody forms were signed by Pace at the time of sample receipt; the samples were received in good condition.

Sample Preservation and Holding Times

Samples were appropriately preserved and analyzed within holding times with the following exceptions: All lipid results were analyzed out of the project-required holding time limit. The detected results were qualified "J" as estimated.

Laboratory Method Blanks

Laboratory method blanks were analyzed at the required frequencies and were free of target analytes with the exceptions of the lipids method blanks detected in analytical batches 500623, 500632, 500773, 500793 and 501010. Detected sample results that were not significantly greater (five times) than the concentration in the blank were qualified with "J" as potential high bias.

Field Quality Control

No field quality control samples were collected in associated with this SDG.

Surrogate Recoveries

Surrogates recovered within project-required control limits with several exceptions. Due to the inability to accurately quantify surrogates when a sample was analyzed at a dilution of 5x or greater, no data were qualified when surrogate recoveries were outside of control limits in these instances. When surrogates recovered above the control limit and sample results were not detected, no data were qualified. Surrogates recovered outside of control limits in some laboratory QC samples, however; data are not qualified for surrogate outliers in QC samples alone or when outlying surrogates are associated with the non-reporting column. Surrogate recoveries were otherwise within control limits except for the decachlorobiphenyl (DCB) surrogate recovering below LCL and the Tetrachloro-m-xylene (TMX) surrogate recovering above UCL for the following samples:

Table 2
Surrogate Recovery Summary

sys_sample_code	Lab Sample ID	SDG	Method	Surrogate Name	DF	%R	LCL	UCL
HBMP-R12-01BB-01-ADLT-240917	40284427001	40284427	SW8082A	DCB	1	75	78	120
HBMP-R12-01BB-03-ADLT-240917	40284427005	40284427	SW8082A	DCB	1	73	78	120
HBMP-R12-01YP-01-ADLT-240917	40284427010	40284427	SW8082A	DCB	1	75	78	120
HBMP-R12-01YP-01-ADLT-240918	40284427011	40284427	SW8082A	DCB	1	75	78	120
HBMP-R12-01YP-06-ADLT-240917	40284427016	40284427	SW8082A	DCB	1	75	78	120
HBMP-R16-01YP-07-ADLT-240918	40284425027	40284425	SW8082A	DCB	1	75	78	120
HBMP-R16-01YP-08-ADLT-240918	40284425028	40284425	SW8082A	DCB	1	76	78	120
HBMP-R16-01YP-09-ADLT-240918	40284425029	40284425	SW8082A	DCB	1	73	78	120

Notes:
DF= Dilution Factor
%R= Percent Recovery
LCL= Lower Control Limit
UCL= Upper Control Limit

The associated detected sample results were qualified "J" as estimated when detected, or "UJ" to indicate they are non-detect results and/or are estimates.

Laboratory Control Samples

Laboratory control samples (LCS) were analyzed at the required frequencies and resulted in recoveries within project-required control limit.

Matrix Spike Samples

Matrix spike (MS) samples and matrix spike duplicate (MSD) samples were analyzed at the required frequencies. Results that are non-detect (ND) and had high MS/MSD recoveries (high bias) were not qualified. Recovery values and relative percent differences (RPDs) were within project-required control limits with the following exceptions:

- The MS/MSD recovered below the control limit for Aroclor 1254 for sample HBMP-R06-01LB-05-ADLT-240911. Associated PCB results were qualified "R" as rejected result due to recovery below the rejection limit.

Laboratory Duplicates

Laboratory duplicates were analyzed for lipids at the required frequency. Recovery values were within project-required control limits.

Method Detection and Reporting Limits

Detection and reporting limits were acceptable as reported and all screening levels were met. All values were reported using the laboratory detection limits and results detected below the reporting limit were reported to the MDLs as estimated values. Values were reported as undiluted or when diluted, the detection and reporting limits reflect the dilution factor.

Overall Assessment

As was determined by this evaluation, the laboratory followed the specified analytical methods and all requested sample analyses were completed. Accuracy was acceptable as demonstrated by the LCS and MS/MSD recovery values, with the exceptions noted above. Precision was acceptable as demonstrated by the laboratory duplicate RPD values and MS/MSD RPD values, with exceptions noted above. Most data are acceptable as reported or qualified. Completeness was greater than 99% and completeness goals were met. Table 2 summarizes the qualifiers applied to the sample results reviewed in this report.

Data Qualifier Definitions

J Indicates an estimated value

U Indicates the compound or analyte was analyzed for but not detected at or above the specified limit.

UJ Indicates the compound or analyte was analyzed for but not detected and the specified limit reported is estimated.

R Indicates result is rejected and unusable

Table 3
Data Qualification Summary

SDG 40284200

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R06-01LB-01-ADLT-240911	Conventionals	Lipids	1.3 %	1.3J %	Holding Times; Laboratory blanks
HBMP-R06-01LB-01-ADLT-240912	Conventionals	Lipids	0.94 %	0.94J %	Holding Times; Laboratory blanks
HBMP-R06-01LB-02-ADLT-240911	Conventionals	Lipids	1.0 %	1.0J %	Holding Times; Laboratory blanks
HBMP-R06-01LB-02-ADLT-240912	Conventionals	Lipids	1.6 %	1.6J %	Holding Times; Laboratory blanks
HBMP-R06-01LB-03-ADLT-240911	Conventionals	Lipids	1.0 %	1.0J %	Holding Times; Laboratory blanks
HBMP-R06-01LB-03-ADLT-240912	Conventionals	Lipids	1.9 %	1.9J %	Holding Times; Laboratory blanks
HBMP-R06-01LB-04-ADLT-240911	Conventionals	Lipids	0.45 %	0.45J %	Holding Times; Laboratory blanks
HBMP-R06-01LB-05-ADLT-240911	Conventionals	Lipids	0.94 %	0.94J %	Holding Times; Laboratory blanks
	PCBs	Aroclor 1254	1250U µg/kg	R	MS/MSD %R below limit
HBMP-R06-01LB-06-ADLT-240911	Conventionals	Lipids	0.65 %	0.65J %	Holding Times; Laboratory blanks
HBMP-R06-01LB-07-ADLT-240911	Conventionals	Lipids	0.68 %	0.68J %	Holding Times; Laboratory blanks
HBMP-R06-01YP-01-ADLT-240912	Conventionals	Lipids	0.50 %	0.50J %	Holding Times; Laboratory blanks
HBMP-R06-01YP-02-ADLT-240912	Conventionals	Lipids	0.54 %	0.54J %	Holding Times; Laboratory blanks
HBMP-R06-01YP-03-ADLT-240912	Conventionals	Lipids	0.83 %	0.83J %	Holding Times; Laboratory blanks
HBMP-R06-01YP-04-ADLT-240912	Conventionals	Lipids	0.34 %	0.34J %	Holding Times; Laboratory blanks
HBMP-R06-01YP-05-ADLT-240912	Conventionals	Lipids	0.79 %	0.79J %	Holding Times; Laboratory blanks

Notes:
µg/kg = Microgram per kilogram
%R = Percent Recovery

SDG 40284425

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R16-01BB-01-ADLT-240918	Conventionals	Lipids	0.86 %	0.86J %	Laboratory blanks; Holding Times
HBMP-R16-01BB-02-ADLT-240918	Conventionals	Lipids	1.6 %	1.6J %	Laboratory blanks; Holding Times

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R16-01BB-03-ADLT-240918	Conventionals	Lipids	1.9 %	1.9J %	Laboratory blanks; Holding Times
HBMP-R16-01BB-04-ADLT-240918	Conventionals	Lipids	2.0 %	2.0J %	Laboratory blanks; Holding Times
HBMP-R16-01BB-05-ADLT-240918	Conventionals	Lipids	3.0 %	3.0J %	Holding Times
HBMP-R16-01BB-06-ADLT-240918	Conventionals	Lipids	1.4 %	1.4J %	Laboratory blanks; Holding Times
HBMP-R16-01BB-07-ADLT-240918	Conventionals	Lipids	0.49 %	0.49J %	Laboratory blanks; Holding Times
HBMP-R16-01BB-08-ADLT-240918	Conventionals	Lipids	0.57 %	0.57J %	Laboratory blanks; Holding Times
HBMP-R16-01BB-09-ADLT-240918	Conventionals	Lipids	0.57 %	0.57J %	Laboratory blanks; Holding Times
HBMP-R16-01BB-10-ADLT-240918	Conventionals	Lipids	1.2 %	1.2J %	Laboratory blanks; Holding Times
HBMP-R16-01SB-01-ADLT-240918	Conventionals	Lipids	0.79 %	0.79J %	Laboratory blanks; Holding Times
HBMP-R16-01SB-02-ADLT-240918	Conventionals	Lipids	0.70 %	0.70J %	Laboratory blanks; Holding Times
HBMP-R16-01SB-03-ADLT-240918	Conventionals	Lipids	0.71 %	0.71J %	Laboratory blanks; Holding Times
HBMP-R16-01SB-04-ADLT-240918	Conventionals	Lipids	0.56 %	0.56J %	Laboratory blanks; Holding Times
HBMP-R16-01SB-05-ADLT-240918	Conventionals	Lipids	0.70 %	0.70J %	Laboratory blanks; Holding Times
HBMP-R16-01SB-06-ADLT-240918	Conventionals	Lipids	0.52 %	0.52J %	Laboratory blanks; Holding Times
HBMP-R16-01SB-07-ADLT-240918	Conventionals	Lipids	0.97 %	0.97J %	Laboratory blanks; Holding Times
HBMP-R16-01SB-08-ADLT-240918	Conventionals	Lipids	0.50 %	0.50J %	Laboratory blanks; Holding Times
HBMP-R16-01SB-09-ADLT-240918	Conventionals	Lipids	0.40 %	0.40J %	Laboratory blanks; Holding Times
HBMP-R16-01SB-10-ADLT-240918	Conventionals	Lipids	0.38 %	0.38J %	Laboratory blanks; Holding Times
HBMP-R16-01YP-01-ADLT-240918	Conventionals	Lipids	0.51 %	0.51J %	Laboratory blanks; Holding Times
HBMP-R16-01YP-02-ADLT-240918	Conventionals	Lipids	0.65 %	0.65J %	Laboratory blanks; Holding Times
HBMP-R16-01YP-03-ADLT-240918	Conventionals	Lipids	0.55 %	0.55J %	Laboratory blanks; Holding Times
HBMP-R16-01YP-04-ADLT-240918	Conventionals	Lipids	0.40 %	0.40J %	Laboratory blanks; Holding Times
HBMP-R16-01YP-05-ADLT-240918	Conventionals	Lipids	0.41 %	0.41J %	Laboratory blanks; Holding Times
HBMP-R16-01YP-06-ADLT-240918	Conventionals	Lipids	0.31 %	0.31J %	Laboratory blanks; Holding Times
HBMP-R16-01YP-07-ADLT-240918	Conventionals	Lipids	0.19 %	0.19J %	Laboratory blanks; Holding Times
	PCBs	Aroclor 1016	25 µg/kg	25UJ µg/kg	Surrogate %R below CL

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
		Aroclor 1221	25 µg/kg	25UJ µg/kg	
		Aroclor 1232	25 µg/kg	25UJ µg/kg	
		Aroclor 1242	25 µg/kg	25UJ µg/kg	
		Aroclor 1248	25 µg/kg	25UJ µg/kg	
		Aroclor 1254	25 µg/kg	25UJ µg/kg	
		Aroclor 1260	49.2 µg/kg	49.2J µg/kg	
HBMP-R16-01YP-08-ADLT-240918	Conventionals	Lipids	0.31 %	0.31J %	Laboratory blanks; Holding Times
	PCBs	Aroclor 1016	25 µg/kg	25UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	25 µg/kg	25UJ µg/kg	
		Aroclor 1232	25 µg/kg	25UJ µg/kg	
		Aroclor 1242	25 µg/kg	25UJ µg/kg	
		Aroclor 1248	25 µg/kg	25UJ µg/kg	
		Aroclor 1254	25 µg/kg	25UJ µg/kg	
		Aroclor 1260	44.1 µg/kg	44.1J µg/kg	
HBMP-R16-01YP-09-ADLT-240918	Conventionals	Lipids	0.34 %	0.34J %	Laboratory blanks; Holding Times
	PCBs	Aroclor 1016	25.1 µg/kg	25.1UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1232	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1242	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1248	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1254	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1260	48.9 µg/kg	48.9J µg/kg	
HBMP-R16-01YP-10-ADLT-240918	Conventionals	Lipids	0.43 %	0.43J %	Laboratory blanks; Holding Times

Notes:
µg/kg = Microgram per kilogram
%R = Percent Recovery

SDG 40284427

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R12-01BB-01-ADLT-240917	Conventionals	Lipids	0.39 %	0.39J %	Laboratory blanks; Holding Times
	PCBs	Aroclor 1016	25 µg/kg	25UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	25 µg/kg	25UJ µg/kg	
		Aroclor 1232	25 µg/kg	25UJ µg/kg	
		Aroclor 1242	25 µg/kg	25UJ µg/kg	
		Aroclor 1248	25 µg/kg	25UJ µg/kg	
		Aroclor 1254	25 µg/kg	25UJ µg/kg	
		Aroclor 1260	177 µg/kg	177J µg/kg	
HBMP-R12-01BB-01-ADLT-240918	Conventionals	Lipids	2.5 %	2.5J %	Laboratory blanks; Holding Times
HBMP-R12-01BB-02-ADLT-240917	Conventionals	Lipids	1.1 %	1.1J %	Laboratory blanks; Holding Times
HBMP-R12-01BB-02-ADLT-240918	Conventionals	Lipids	0.94 %	0.94J %	Laboratory blanks; Holding Times
HBMP-R12-01BB-03-ADLT-240917	Conventionals	Lipids	0.42 %	0.42J %	Laboratory blanks; Holding Times
	PCBs	Aroclor 1016	25.1 µg/kg	25.1UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1232	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1242	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1248	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1254	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1260	145 µg/kg	145J µg/kg	
HBMP-R12-01BB-04-ADLT-240917	Conventionals	Lipids	1.1 %	1.1J %	Laboratory blanks; Holding Times
HBMP-R12-01BB-05-ADLT-240917	Conventionals	Lipids	1.6 %	1.6J %	Laboratory blanks; Holding Times
HBMP-R12-01SB-01-ADLT-240917	Conventionals	Lipids	0.82 %	0.82J %	Laboratory blanks; Holding Times
HBMP-R12-01SB-02-ADLT-240917	Conventionals	Lipids	1.0 %	1.0J %	Laboratory blanks; Holding Times
HBMP-R12-01YP-01-ADLT-240917	Conventionals	Lipids	0.76 %	0.76J %	Laboratory blanks; Holding Times
	PCBs	Aroclor 1016	25 µg/kg	25UJ µg/kg	Surrogate %R below CL

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
		Aroclor 1221	25 µg/kg	25UJ µg/kg	
		Aroclor 1232	25 µg/kg	25UJ µg/kg	
		Aroclor 1242	25 µg/kg	25UJ µg/kg	
		Aroclor 1248	25 µg/kg	25UJ µg/kg	
		Aroclor 1254	25 µg/kg	25UJ µg/kg	
		Aroclor 1260	143 µg/kg	143J µg/kg	
HBMP-R12-01YP-01-ADLT-240918	Conventionals	Lipids	0.58 %	0.58J %	Laboratory blanks; Holding Times
	PCBs	Aroclor 1016	25.1 µg/kg	25.1UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1232	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1242	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1248	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1254	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1260	119 µg/kg	119J µg/kg	
HBMP-R12-01YP-02-ADLT-240917	Conventionals	Lipids	0.65 %	0.65J %	Laboratory blanks; Holding Times
HBMP-R12-01YP-03-ADLT-240917	Conventionals	Lipids	0.45 %	0.45J %	Laboratory blanks; Holding Times
HBMP-R12-01YP-04-ADLT-240917	Conventionals	Lipids	0.68 %	0.68J %	Laboratory blanks; Holding Times
HBMP-R12-01YP-05-ADLT-240917	Conventionals	Lipids	0.68 %	0.68J %	Laboratory blanks; Holding Times
HBMP-R12-01YP-06-ADLT-240917	Conventionals	Lipids	0.78 %	0.78J %	Laboratory blanks; Holding Times
	PCBs	Aroclor 1016	25 µg/kg	25UJ µg/kg	Surrogate %R below CL
		Aroclor 1221	25 µg/kg	25UJ µg/kg	
		Aroclor 1232	25 µg/kg	25UJ µg/kg	
		Aroclor 1242	25 µg/kg	25UJ µg/kg	
		Aroclor 1248	25 µg/kg	25UJ µg/kg	
		Aroclor 1254	25 µg/kg	25UJ µg/kg	
		Aroclor 1260	124 µg/kg	124J µg/kg	

Notes:
µg/kg = Microgram per kilogram
%R = Percent Recovery

SDG 40284429

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R14-01BB-01-ADLT-240917	Conventionals	Lipids	1.5 %	1.5J %	Laboratory blanks; Holding Times
HBMP-R14-01BB-02-ADLT-240917	Conventionals	Lipids	0.42 %	0.42J %	Laboratory blanks; Holding Times
HBMP-R14-01BB-03-ADLT-240917	Conventionals	Lipids	3.0 %	3.0J %	Laboratory blanks; Holding Times
HBMP-R14-01BB-04-ADLT-240917	Conventionals	Lipids	0.84 %	0.84J %	Laboratory blanks; Holding Times
HBMP-R14-01BB-05-ADLT-240917	Conventionals	Lipids	3.1 %	3.1J %	Laboratory blanks; Holding Times
HBMP-R14-01BB-06-ADLT-240917	Conventionals	Lipids	0.65 %	0.65J %	Laboratory blanks; Holding Times
HBMP-R14-01NP-01-ADLT-240918	Conventionals	Lipids	1.9 %	1.9J %	Laboratory blanks; Holding Times
HBMP-R14-01NP-02-ADLT-240918	Conventionals	Lipids	1.1 %	1.1J %	Laboratory blanks; Holding Times
HBMP-R14-01NP-03-ADLT-240918	Conventionals	Lipids	1.2 %	1.2J %	Laboratory blanks; Holding Times
HBMP-R14-01NP-04-ADLT-240918	Conventionals	Lipids	1.1 %	1.1J %	Laboratory blanks; Holding Times
HBMP-R14-01NP-05-ADLT-240918	Conventionals	Lipids	1.2 %	1.2J %	Laboratory blanks; Holding Times
HBMP-R14-01NP-06-ADLT-240918	Conventionals	Lipids	0.80 %	0.80J %	Laboratory blanks; Holding Times
HBMP-R14-01NP-07-ADLT-240918	Conventionals	Lipids	0.89 %	0.89J %	Laboratory blanks; Holding Times
HBMP-R14-01NP-08-ADLT-240918	Conventionals	Lipids	1.1 %	1.1J %	Laboratory blanks; Holding Times
HBMP-R14-01NP-09-ADLT-240918	Conventionals	Lipids	1.4 %	1.4J %	Laboratory blanks; Holding Times
HBMP-R14-01SB-01-ADLT-240917	Conventionals	Lipids	1.6 %	1.6J %	Laboratory blanks; Holding Times
HBMP-R14-01SB-01-ADLT-240918	Conventionals	Lipids	0.87 %	0.87J %	Laboratory blanks; Holding Times
HBMP-R14-01SB-02-ADLT-240917	Conventionals	Lipids	2.4 %	2.4J %	Laboratory blanks; Holding Times
HBMP-R14-01SB-02-ADLT-240918	Conventionals	Lipids	1.8 %	1.8J %	Laboratory blanks; Holding Times
HBMP-R14-01SB-03-ADLT-240917	Conventionals	Lipids	2.1 %	2.1J %	Laboratory blanks; Holding Times
HBMP-R14-01SB-04-ADLT-240917	Conventionals	Lipids	1.9 %	1.9J %	Laboratory blanks; Holding Times
HBMP-R14-01SB-05-ADLT-240917	Conventionals	Lipids	2.0 %	2.0J %	Laboratory blanks; Holding Times
HBMP-R14-01SB-06-ADLT-240917	Conventionals	Lipids	2.4 %	2.4J %	Laboratory blanks; Holding Times

Notes:
µg/kg = Microgram per kilogram
%R = Percent Recovery

References

GE-Pittsfield/Housatonic River Site (GECD900) Second Revised Field Sampling Plan/Quality Assurance Project Plan (QAPP). December 2023.

USEPA, 1986. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods*. Office of Solid Waste and Emergency Response. EPA-530/SW-846.

USEPA 2020a. National Functional Guidelines for Superfund Organic Methods Data Review. Office of Superfund Remediation and Technology Innovation. EPA-540-R-20-005. November 2020.

USEPA 2020b. National Functional Guidelines for Inorganic Superfund Methods Data Review. Office of Superfund Remediation and Technology Innovation. EPA-542-R-20-006. November 2020.

1201 3rd Avenue, Suite 2600
Seattle, Washington 98101
206.287.9130

ANCHOR QEA

Data Validation Report – EPA Stage 2A

August 27, 2025

Project: Housatonic Baseline Monitoring

Project Number: 230469-07.01

Validation ID: AQ-2024-0127

This report summarizes the review of analytical results for 44 fish tissue samples collected between September 19, 2024. The samples were collected by Anchor QEA and submitted to Pace Analytical Services (Pace) in Green Bay, Wisconsin. The samples were analyzed for the following parameters:

- Polychlorinated biphenyls (PCBs) by U.S. Environmental Protection Agency (USEPA) method 8082A
- Lipids by Pace SOP analytical method ENVSOPGBAY0090-00

Pace sample delivery groups (SDG) 40284966, 40284969 and 40284970 were reviewed in this report. Sample IDs and analyses are presented in Table 1.

Table 1
Sample IDs, Matrices, and Analyses

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
HBMP-R16-01NP-01-ADLT-240919	40284966001	40284966	Fish Tissue	Lipids, PCBs
HBMP-R16-01NP-02-ADLT-240919	40284966002	40284966	Fish Tissue	Lipids, PCBs
HBMP-R16-01NP-03-ADLT-240919	40284966003	40284966	Fish Tissue	Lipids, PCBs
HBMP-R16-01NP-04-ADLT-240919	40284966004	40284966	Fish Tissue	Lipids, PCBs
HBMP-R16-01NP-05-ADLT-240919	40284966005	40284966	Fish Tissue	Lipids, PCBs
HBMP-R16-01NP-06-ADLT-240919	40284966006	40284966	Fish Tissue	Lipids, PCBs
HBMP-R16-01NP-07-ADLT-240919	40284966007	40284966	Fish Tissue	Lipids, PCBs
HBMP-R16-01NP-08-ADLT-240919	40284966008	40284966	Fish Tissue	Lipids, PCBs
HBMP-R16-01NP-09-ADLT-240919	40284966009	40284966	Fish Tissue	Lipids, PCBs
HBMP-R16-01NP-10-ADLT-240919	40284966010	40284966	Fish Tissue	Lipids, PCBs
HBMP-R07G-01BB-01-ADLT-240919	40284969001	40284969	Fish Tissue	Lipids, PCBs
HBMP-R07G-01BB-02-ADLT-240919	40284969002	40284969	Fish Tissue	Lipids, PCBs
HBMP-R07G-01BB-03-ADLT-240919	40284969003	40284969	Fish Tissue	Lipids, PCBs
HBMP-R07G-01BB-04-ADLT-240919	40284969004	40284969	Fish Tissue	Lipids, PCBs
HBMP-R07G-01BB-05-ADLT-240919	40284969005	40284969	Fish Tissue	Lipids, PCBs
HBMP-R07G-01BB-06-ADLT-240919	40284969006	40284969	Fish Tissue	Lipids, PCBs
HBMP-R07G-01BB-07-ADLT-240919	40284969007	40284969	Fish Tissue	Lipids, PCBs
HBMP-R07G-01BB-08-ADLT-240919	40284969008	40284969	Fish Tissue	Lipids, PCBs
HBMP-R07G-01BB-09-ADLT-240919	40284969009	40284969	Fish Tissue	Lipids, PCBs
HBMP-R07G-01BB-10-ADLT-240919	40284969010	40284969	Fish Tissue	Lipids, PCBs
HBMP-R07G-01LB-01-ADLT-240919	40284969011	40284969	Fish Tissue	Lipids, PCBs
HBMP-R07G-01LB-01-YOY-240919	40284969012	40284969	Fish Tissue	Lipids, PCBs
HBMP-R07G-01LB-02-YOY-240919	40284969013	40284969	Fish Tissue	Lipids, PCBs
HBMP-R07G-01LB-03-YOY-240919	40284969014	40284969	Fish Tissue	Lipids, PCBs

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
HBMP-R07G-01LB-04-YOY-240919	40284969015	40284969	Fish Tissue	Lipids, PCBs
HBMP-R07G-01LB-05-YOY-240919	40284969016	40284969	Fish Tissue	Lipids, PCBs
HBMP-R07G-01YP-01-ADLT-240919	40284969017	40284969	Fish Tissue	Lipids, PCBs
HBMP-R07G-01YP-02-ADLT-240919	40284969018	40284969	Fish Tissue	Lipids, PCBs
HBMP-R07G-01YP-03-ADLT-240919	40284969019	40284969	Fish Tissue	Lipids, PCBs
HBMP-R07G-01YP-04-ADLT-240919	40284969020	40284969	Fish Tissue	Lipids, PCBs
HBMP-R08-01BB-01-ADLT-240919	40284970001	40284970	Fish Tissue	Lipids, PCBs
HBMP-R08-01BB-02-ADLT-240919	40284970002	40284970	Fish Tissue	Lipids, PCBs
HBMP-R08-01BB-03-ADLT-240919	40284970003	40284970	Fish Tissue	Lipids, PCBs
HBMP-R08-01BB-04-ADLT-240919	40284970004	40284970	Fish Tissue	Lipids, PCBs
HBMP-R08-01LB-01-ADLT-240919	40284970005	40284970	Fish Tissue	Lipids, PCBs
HBMP-R08-01LB-02-ADLT-240919	40284970006	40284970	Fish Tissue	Lipids, PCBs
HBMP-R08-01LB-03-ADLT-240919	40284970007	40284970	Fish Tissue	Lipids, PCBs
HBMP-R08-01LB-04-ADLT-240919	40284970008	40284970	Fish Tissue	Lipids, PCBs
HBMP-R08-01YP-01-ADLT-240919	40284970009	40284970	Fish Tissue	Lipids, PCBs
HBMP-R08-01YP-01-YOY-240919	40284970010	40284970	Fish Tissue	Lipids, PCBs
HBMP-R08-01YP-02-ADLT-240919	40284970011	40284970	Fish Tissue	Lipids, PCBs
HBMP-R08-01YP-03-ADLT-240919	40284970012	40284970	Fish Tissue	Lipids, PCBs
HBMP-R08-01YP-04-ADLT-240919	40284970013	40284970	Fish Tissue	Lipids, PCBs
HBMP-R08-01YP-05-ADLT-240919	40284970014	40284970	Fish Tissue	Lipids, PCBs

Data Validation and Qualifications

The following comments refer to the laboratory's performance in meeting the quality assurance/quality control (QA/QC) guidelines outlined in the analytical procedures. Laboratory results were reviewed using the following guidelines:

- Arcadis Quality Assurance Project Plan (QAPP; GE-Pittsfield/Housatonic River Site (GECD900) Second Revised Field Sampling Plan/Quality Assurance Project Plan 2023)
- *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods* (SW-846, Third Edition; USEPA 1986)
- *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA 2020a)
- *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA 2020b)

Unless noted in this report, laboratory results for the samples listed above were within QC criteria.

Field Documentation

Field documentation was checked for completeness and accuracy. The chain-of-custody forms were signed by Pace at the time of sample receipt; the samples were received in good condition.

Sample Preservation and Holding Times

Samples were appropriately preserved and analyzed within holding times with the following exceptions. All lipid results were analyzed out of the project-required holding time limit. The detected results were qualified "J" as estimated.

Laboratory Method Blanks

Laboratory method blanks were analyzed at the required frequencies and were free of target analytes with the exceptions of the lipids method blanks detected in analytical batches 500906, 501010, 501020, and 500793. Detected sample results that were not significantly greater (five times) than the concentration in the blank were qualified with "J" as potential high bias.

Field Quality Control

No field quality control samples were collected in associated with this SDG.

Surrogate Recoveries

Surrogates recovered within project-required control limits with several exceptions. Due to the inability to accurately quantify surrogates when a sample was analyzed at a dilution of 5x or greater, no data were qualified when surrogate recoveries were outside of control limits in these instances. When surrogates recovered above the control limit and sample results were not detected, no data were qualified. Surrogates recovered outside of control limits in some laboratory QC samples, however; data are not qualified for surrogate outliers in QC samples alone or when outlying surrogates are associated with the non-reporting column. Surrogate recoveries were otherwise within control limits. The associated detected sample results were qualified "J" as estimated when detected, or "UJ" to indicate they are non-detect results and/or are estimates.

Laboratory Control Samples

Laboratory control samples (LCS) were analyzed at the required frequencies and resulted in recoveries within project-required control limit.

Matrix Spike Samples

Matrix spike (MS) samples and matrix spike duplicate (MSD) samples were analyzed at the required frequencies. Recovery values and relative percent differences (RPDs) were within project-required control limits.

Laboratory Duplicates

Laboratory duplicates were analyzed for lipids at the required frequency. Recovery values were within project-required control limits.

Method Detection and Reporting Limits

Detection and reporting limits were acceptable as reported and all screening levels were met. All values were reported using the laboratory detection limits and results detected below the reporting limit were reported to the MDLs as estimated values. Values were reported as undiluted or when diluted, the detection and reporting limits reflect the dilution factor.

Overall Assessment

As was determined by this evaluation, the laboratory followed the specified analytical methods and all requested sample analyses were completed. Accuracy was acceptable as demonstrated by the LCS and MS/MSD recovery values, with the exceptions noted above. Precision was acceptable as demonstrated by the laboratory duplicate RPD values and MS/MSD RPD values, with exceptions noted above. Most data are acceptable as reported or qualified. Completeness was 100% and completeness goals were met. Table 2 summarizes the qualifiers applied to the sample results reviewed in this report.

Data Qualifier Definitions

J Indicates an estimated value

U Indicates the compound or analyte was analyzed for but not detected at or above the specified limit.

UJ Indicates the compound or analyte was analyzed for but not detected and the specified limit reported is estimated.

Table 2
Data Qualification Summary

SDG 40284966

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R16-01NP-01-ADLT-240919	Conventionals	Lipids	1.7 %	1.7J %	Laboratory blanks; Holding Times
HBMP-R16-01NP-02-ADLT-240919	Conventionals	Lipids	0.68 %	0.68J %	Laboratory blanks; Holding Times
HBMP-R16-01NP-03-ADLT-240919	Conventionals	Lipids	0.71 %	0.71J %	Laboratory blanks; Holding Times
HBMP-R16-01NP-04-ADLT-240919	Conventionals	Lipids	1.0 %	1.0J %	Laboratory blanks; Holding Times
HBMP-R16-01NP-05-ADLT-240919	Conventionals	Lipids	1.1 %	1.1J %	Laboratory blanks; Holding Times
HBMP-R16-01NP-06-ADLT-240919	Conventionals	Lipids	0.57 %	0.57J %	Laboratory blanks; Holding Times
HBMP-R16-01NP-07-ADLT-240919	Conventionals	Lipids	2.0 %	2.0J %	Laboratory blanks; Holding Times
HBMP-R16-01NP-08-ADLT-240919	Conventionals	Lipids	1.4 %	1.4J %	Laboratory blanks; Holding Times
HBMP-R16-01NP-09-ADLT-240919	Conventionals	Lipids	1.5 %	1.5J %	Laboratory blanks; Holding Times
HBMP-R16-01NP-10-ADLT-240919	Conventionals	Lipids	1.5 %	1.5J %	Laboratory blanks; Holding Times

Notes:
µg/kg = Microgram per kilogram
%R = Percent Recovery

SDG 40284469

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R07G-01BB-01-ADLT-240919	Conventionals	Lipids	0.65 %	0.65J %	Laboratory blanks; Holding Times
HBMP-R07G-01BB-02-ADLT-240919	Conventionals	Lipids	0.50 %	0.50J %	Laboratory blanks; Holding Times
HBMP-R07G-01BB-03-ADLT-240919	Conventionals	Lipids	0.90 %	0.90J %	Laboratory blanks; Holding Times
HBMP-R07G-01BB-04-ADLT-240919	Conventionals	Lipids	1.3 %	1.3J %	Laboratory blanks; Holding Times
HBMP-R07G-01BB-05-ADLT-240919	Conventionals	Lipids	0.69 %	0.69J %	Laboratory blanks; Holding Times
HBMP-R07G-01BB-06-ADLT-240919	Conventionals	Lipids	1.1 %	1.1J %	Laboratory blanks; Holding Times
HBMP-R07G-01BB-07-ADLT-240919	Conventionals	Lipids	0.93 %	0.93J %	Laboratory blanks; Holding Times

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R07G-01BB-08-ADLT-240919	Conventionals	Lipids	0.65 %	0.65J %	Laboratory blanks; Holding Times
HBMP-R07G-01BB-09-ADLT-240919	Conventionals	Lipids	0.69 %	0.69J %	Laboratory blanks; Holding Times
HBMP-R07G-01BB-10-ADLT-240919	Conventionals	Lipids	0.38 %	0.38J %	Laboratory blanks; Holding Times
HBMP-R07G-01LB-01-ADLT-240919	Conventionals	Lipids	0.95 %	0.95J %	Laboratory blanks; Holding Times
HBMP-R07G-01LB-01-YOY-240919	Conventionals	Lipids	3.6 %	3.6J %	Holding Times
HBMP-R07G-01LB-02-YOY-240919	Conventionals	Lipids	3.4 %	3.4J %	Holding Times
HBMP-R07G-01LB-03-YOY-240919	Conventionals	Lipids	3.1 %	3.1J %	Holding Times
HBMP-R07G-01LB-04-YOY-240919	Conventionals	Lipids	2.6 %	2.6J %	Laboratory blanks; Holding Times
HBMP-R07G-01LB-05-YOY-240919	Conventionals	Lipids	2.5 %	2.5J %	Laboratory blanks; Holding Times
HBMP-R07G-01YP-01-ADLT-240919	Conventionals	Lipids	0.43 %	0.43J %	Laboratory blanks; Holding Times
HBMP-R07G-01YP-02-ADLT-240919	Conventionals	Lipids	0.73 %	0.73J %	Laboratory blanks; Holding Times
HBMP-R07G-01YP-03-ADLT-240919	Conventionals	Lipids	0.60 %	0.60J %	Laboratory blanks; Holding Times
HBMP-R07G-01YP-04-ADLT-240919	Conventionals	Lipids	0.61 %	0.61J %	Laboratory blanks; Holding Times

Notes:
µg/kg = Microgram per kilogram
%R = Percent Recovery

SDG 40284970

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R08-01BB-01-ADLT-240919	Conventionals	Lipids	1.5 %	1.5J %	Laboratory blanks; Holding Times
HBMP-R08-01BB-02-ADLT-240919	Conventionals	Lipids	0.86 %	0.86J %	Laboratory blanks; Holding Times
HBMP-R08-01BB-03-ADLT-240919	Conventionals	Lipids	0.49 %	0.49J %	Laboratory blanks; Holding Times
HBMP-R08-01BB-04-ADLT-240919	Conventionals	Lipids	1.1 %	1.1J %	Laboratory blanks; Holding Times
HBMP-R08-01LB-01-ADLT-240919	Conventionals	Lipids	0.73 %	0.73J %	Laboratory blanks; Holding Times
HBMP-R08-01LB-02-ADLT-240919	Conventionals	Lipids	0.40 %	0.40J %	Laboratory blanks; Holding Times
HBMP-R08-01LB-03-ADLT-240919	Conventionals	Lipids	1.3 %	1.3J %	Laboratory blanks; Holding Times
HBMP-R08-01LB-04-ADLT-240919	Conventionals	Lipids	0.50 %	0.50J %	Laboratory blanks; Holding Times
HBMP-R08-01YP-01-ADLT-240919	Conventionals	Lipids	0.49 %	0.49J %	Laboratory blanks; Holding Times

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R08-01YP-01-YOY-240919	Conventionals	Lipids	1.3 %	1.3J %	Laboratory blanks; Holding Times
HBMP-R08-01YP-02-ADLT-240919	Conventionals	Lipids	0.45 %	0.45J %	Laboratory blanks; Holding Times
HBMP-R08-01YP-03-ADLT-240919	Conventionals	Lipids	0.64 %	0.64J %	Laboratory blanks; Holding Times
HBMP-R08-01YP-04-ADLT-240919	Conventionals	Lipids	0.54 %	0.54J %	Laboratory blanks; Holding Times
HBMP-R08-01YP-05-ADLT-240919	Conventionals	Lipids	0.38 %	0.38J %	Laboratory blanks; Holding Times

Notes:
µg/kg = Microgram per kilogram
%R = Percent Recovery

References

GE-Pittsfield/Housatonic River Site (GECD900) Second Revised Field Sampling Plan/Quality Assurance Project Plan (QAPP). December 2023.

USEPA, 1986. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods*. Office of Solid Waste and Emergency Response. EPA-530/SW-846.

USEPA 2020a. National Functional Guidelines for Superfund Organic Methods Data Review. Office of Superfund Remediation and Technology Innovation. EPA-540-R-20-005. November 2020.

USEPA 2020b. National Functional Guidelines for Inorganic Superfund Methods Data Review. Office of Superfund Remediation and Technology Innovation. EPA-542-R-20-006. November 2020.

1201 3rd Avenue, Suite 2600
Seattle, Washington 98101
206.287.9130

ANCHOR QEA

Data Validation Report – EPA Stage 2A

September 3, 2025

Project: Housatonic Baseline Monitoring

Project Number: 190469-01.03

Validation ID: AQ-2025-0133

This report summarizes the review of analytical results for 169 fish tissue samples collected between September 10, 2024 and January 02, 2025. The samples were collected by Anchor QEA and submitted to Pace Analytical Services (Pace) in Green Bay, Wisconsin. The samples were analyzed for the following parameters:

- Polychlorinated biphenyls (PCBs) by U.S. Environmental Protection Agency (USEPA) method 8082A
- Lipids by Pace Standard Operating Procedure (SOP) ENVSOPGBAY0090-00

Pace sample delivery groups (SDGs) 40285236, 40285237, 40285238, 40287220, 40289411, 40284099, and 40284428 were reviewed in this report. Sample IDs and analyses are presented in Table 1.

Table 1
Sample IDs, Matrices, and Analyses

Sample ID	Lab Sample ID	Matrix	Analyses
HBMP-R05A-01LB-01-ADLT-241001	40285236001	Tissue	PCBs, Lipids
HBMP-R05A-01LB-01-YOY-241001	40285236002	Tissue	PCBs, Lipids
HBMP-R05A-01LB-02-ADLT-241001	40285236003	Tissue	PCBs, Lipids
HBMP-R05A-01LB-02-YOY-241001	40285236004	Tissue	PCBs, Lipids
HBMP-R07D-01BB-01-ADLT-241003	40285236005	Tissue	PCBs, Lipids
HBMP-R07D-01BB-02-ADLT-241003	40285236006	Tissue	PCBs, Lipids
HBMP-R07D-01BB-03-ADLT-241003	40285236007	Tissue	PCBs, Lipids
HBMP-R07D-01BB-04-ADLT-241003	40285236008	Tissue	PCBs, Lipids
HBMP-R07D-01BB-05-ADLT-241003	40285236009	Tissue	PCBs, Lipids
HBMP-R07D-01BB-06-ADLT-241003	40285236010	Tissue	PCBs, Lipids
HBMP-R07D-01BB-07-ADLT-241003	40285236011	Tissue	PCBs, Lipids
HBMP-R07D-01BB-08-ADLT-241003	40285236012	Tissue	PCBs, Lipids
HBMP-R07D-01BB-09-ADLT-241003	40285236013	Tissue	PCBs, Lipids
HBMP-R07G-01LB-01-ADLT-241003	40285236014	Tissue	PCBs, Lipids
HBMP-R07G-01LB-01-YOY-241003	40285236015	Tissue	PCBs, Lipids
HBMP-R07G-01LB-02-ADLT-241003	40285236016	Tissue	PCBs, Lipids
HBMP-R07G-01LB-02-YOY-241003	40285236017	Tissue	PCBs, Lipids
HBMP-R07G-01LB-03-YOY-241003	40285236018	Tissue	PCBs, Lipids

Sample ID	Lab Sample ID	Matrix	Analyses
HBMP-R07G-01YP-01-ADLT-241003	40285236019	Tissue	PCBs, Lipids
HBMP-R07G-01YP-02-ADLT-241003	40285236020	Tissue	PCBs, Lipids
HBMP-R07G-01YP-03-ADLT-241003	40285236021	Tissue	PCBs, Lipids
HBMP-R12-01BB-01-ADLT-241002	40285237001	Tissue	PCBs, Lipids
HBMP-R12-01NP-01-ADLT-241002	40285237002	Tissue	PCBs, Lipids
HBMP-R12-01NP-02-ADLT-241002	40285237003	Tissue	PCBs, Lipids
HBMP-R12-01NP-03-ADLT-241002	40285237004	Tissue	PCBs, Lipids
HBMP-R12-01NP-04-ADLT-241002	40285237005	Tissue	PCBs, Lipids
HBMP-R12-01SB-01-ADLT-241002	40285237006	Tissue	PCBs, Lipids
HBMP-R12-01SB-02-ADLT-241002	40285237007	Tissue	PCBs, Lipids
HBMP-R12-01SB-03-ADLT-241002	40285237008	Tissue	PCBs, Lipids
HBMP-R12-01SB-04-ADLT-241002	40285237009	Tissue	PCBs, Lipids
HBMP-R12-01SB-05-ADLT-241002	40285237010	Tissue	PCBs, Lipids
HBMP-R12-01SB-06-ADLT-241002	40285237011	Tissue	PCBs, Lipids
HBMP-R12-01SB-07-ADLT-241002	40285237012	Tissue	PCBs, Lipids
HBMP-R12-01SB-08-ADLT-241002	40285237013	Tissue	PCBs, Lipids
HBMP-R12-01YP-01-ADLT-241002	40285237014	Tissue	PCBs, Lipids
HBMP-R12-01YP-02-ADLT-241002	40285237015	Tissue	PCBs, Lipids
HBMP-R12-01YP-03-ADLT-241002	40285237016	Tissue	PCBs, Lipids
HBMP-R12-01YP-04-ADLT-241002	40285237017	Tissue	PCBs, Lipids
HBMP-R08-01LB-01-ADLT-241003	40285238001	Tissue	PCBs, Lipids
HBMP-R08-01YP-01-ADLT-241003	40285238002	Tissue	PCBs, Lipids
HBMP-R08-01YP-02-ADLT-241003	40285238003	Tissue	PCBs, Lipids
HBMP-R08-01YP-03-ADLT-241003	40285238004	Tissue	PCBs, Lipids
HBMP-R11-01SB-01-YOY-241002	40285238005	Tissue	PCBs, Lipids
HBMP-R11-01SB-02-YOY-241002	40285238006	Tissue	PCBs, Lipids
HBMP-R11-01SB-03-YOY-241002	40285238007	Tissue	PCBs, Lipids
HBMP-R11-01SB-04-YOY-241002	40285238008	Tissue	PCBs, Lipids
HBMP-R11-01SB-05-YOY-241002	40285238009	Tissue	PCBs, Lipids
HBMP-R11-01SB-06-YOY-241002	40285238010	Tissue	PCBs, Lipids
HBMP-R11-01SB-07-YOY-241002	40285238011	Tissue	PCBs, Lipids
HBMP-R11-01SB-08-YOY-241002	40285238012	Tissue	PCBs, Lipids
HBMP-R11-01SB-09-YOY-241002	40285238013	Tissue	PCBs, Lipids
HBMP-R11-01SB-10-YOY-241002	40285238014	Tissue	PCBs, Lipids
HBMP-R11-01SB-11-YOY-241002	40285238015	Tissue	PCBs, Lipids
HBMP-R11-01SB-12-YOY-241002	40285238016	Tissue	PCBs, Lipids
HBMP-R11-01SB-13-YOY-241002	40285238017	Tissue	PCBs, Lipids
HBMP-R11-01SB-14-YOY-241002	40285238018	Tissue	PCBs, Lipids
HBMP-R06-01BB-01-ADLT-241030	40287220001	Tissue	PCBs, Lipids

Sample ID	Lab Sample ID	Matrix	Analyses
HBMP-R06-01BB-02-ADLT-241030	40287220002	Tissue	PCBs, Lipids
HBMP-R06-01BB-03-ADLT-241030	40287220003	Tissue	PCBs, Lipids
HBMP-R07G-01LB-01-ADLT-241029	40287220004	Tissue	PCBs, Lipids
HBMP-R07G-01LB-02-ADLT-241029	40287220005	Tissue	PCBs, Lipids
HBMP-R07G-01LB-03-ADLT-241029	40287220006	Tissue	PCBs, Lipids
HBMP-R07G-01YP-01-ADLT-241029	40287220007	Tissue	PCBs, Lipids
HBMP-R11-01NP-01-ADLT-241030	40287220008	Tissue	PCBs, Lipids
HBMP-R11-01NP-02-ADLT-241030	40287220009	Tissue	PCBs, Lipids
HBMP-R05C-01WS-01-ADLT-250102	40289411001	Tissue	PCBs, Lipids
HBMP-R05C-01WS-02-ADLT-250102	40289411002	Tissue	PCBs, Lipids
HBMP-R05C-01WS-03-ADLT-250102	40289411003	Tissue	PCBs, Lipids
HBMP-R05C-01WS-04-ADLT-250102	40289411004	Tissue	PCBs, Lipids
HBMP-R05C-01WS-05-ADLT-250102	40289411005	Tissue	PCBs, Lipids
HBMP-R05C-01WS-06-ADLT-250102	40289411006	Tissue	PCBs, Lipids
HBMP-R05C-01WS-07-ADLT-250102	40289411007	Tissue	PCBs, Lipids
HBMP-R05C-01WS-08-ADLT-250102	40289411008	Tissue	PCBs, Lipids
HBMP-R06-01WS-01-ADLT-250102	40289411009	Tissue	PCBs, Lipids
HBMP-R06-01WS-02-ADLT-250102	40289411010	Tissue	PCBs, Lipids
HBMP-R06-01WS-03-ADLT-250102	40289411011	Tissue	PCBs, Lipids
HBMP-R06-01WS-04-ADLT-250102	40289411012	Tissue	PCBs, Lipids
HBMP-R06-01WS-05-ADLT-250102	40289411013	Tissue	PCBs, Lipids
HBMP-R06-01WS-06-ADLT-250102	40289411014	Tissue	PCBs, Lipids
HBMP-R06-01WS-07-ADLT-250102	40289411015	Tissue	PCBs, Lipids
HBMP-R06-01WS-08-ADLT-250102	40289411016	Tissue	PCBs, Lipids
HBMP-R06-01WS-09-ADLT-250102	40289411017	Tissue	PCBs, Lipids
HBMP-R06-01WS-10-ADLT-250102	40289411018	Tissue	PCBs, Lipids
HBMP-R07D-01WS-01-ADLT-250102	40289411019	Tissue	PCBs, Lipids
HBMP-R07D-01WS-02-ADLT-250102	40289411020	Tissue	PCBs, Lipids
HBMP-R07D-01WS-03-ADLT-250102	40289411021	Tissue	PCBs, Lipids
HBMP-R07D-01WS-04-ADLT-250102	40289411022	Tissue	PCBs, Lipids
HBMP-R07D-01WS-05-ADLT-250102	40289411023	Tissue	PCBs, Lipids
HBMP-R07D-01WS-06-ADLT-250102	40289411024	Tissue	PCBs, Lipids
HBMP-R07D-01WS-07-ADLT-250102	40289411025	Tissue	PCBs, Lipids
HBMP-R07D-01WS-08-ADLT-250102	40289411026	Tissue	PCBs, Lipids
HBMP-R07D-01WS-09-ADLT-250102	40289411027	Tissue	PCBs, Lipids
HBMP-R07D-01WS-10-ADLT-250102	40289411028	Tissue	PCBs, Lipids
HBMP-R08-01WS-01-ADLT-250102	40289411029	Tissue	PCBs, Lipids
HBMP-R08-01WS-02-ADLT-250102	40289411030	Tissue	PCBs, Lipids
HBMP-R08-01WS-03-ADLT-250102	40289411031	Tissue	PCBs, Lipids

Sample ID	Lab Sample ID	Matrix	Analyses
HBMP-R08-01WS-04-ADLT-250102	40289411032	Tissue	PCBs, Lipids
HBMP-R09-01WS-01-ADLT-250102	40289411033	Tissue	PCBs, Lipids
HBMP-R09-01WS-02-ADLT-250102	40289411034	Tissue	PCBs, Lipids
HBMP-R09-01WS-03-ADLT-250102	40289411035	Tissue	PCBs, Lipids
HBMP-R09-01WS-04-ADLT-250102	40289411036	Tissue	PCBs, Lipids
HBMP-R09-01WS-05-ADLT-250102	40289411037	Tissue	PCBs, Lipids
HBMP-R09-01WS-06-ADLT-250102	40289411038	Tissue	PCBs, Lipids
HBMP-R09-01WS-07-ADLT-250102	40289411039	Tissue	PCBs, Lipids
HBMP-R09-01WS-08-ADLT-250102	40289411040	Tissue	PCBs, Lipids
HBMP-R09-01WS-09-ADLT-250102	40289411041	Tissue	PCBs, Lipids
HBMP-R09-01WS-10-ADLT-250102	40289411042	Tissue	PCBs, Lipids
HBMP-R11-01WS-01-ADLT-250102	40289411043	Tissue	PCBs, Lipids
HBMP-R11-01WS-02-ADLT-250102	40289411044	Tissue	PCBs, Lipids
HBMP-R11-01WS-03-ADLT-250102	40289411045	Tissue	PCBs, Lipids
HBMP-R11-01WS-04-ADLT-250102	40289411046	Tissue	PCBs, Lipids
HBMP-R11-01WS-05-ADLT-250102	40289411047	Tissue	PCBs, Lipids
HBMP-R11-01WS-06-ADLT-250102	40289411048	Tissue	PCBs, Lipids
HBMP-R11-01WS-07-ADLT-250102	40289411049	Tissue	PCBs, Lipids
HBMP-R11-01WS-08-ADLT-250102	40289411050	Tissue	PCBs, Lipids
HBMP-R11-01WS-09-ADLT-250102	40289411051	Tissue	PCBs, Lipids
HBMP-R11-01WS-10-ADLT-250102	40289411052	Tissue	PCBs, Lipids
HBMP-R12-01WS-01-ADLT-250102	40289411053	Tissue	PCBs, Lipids
HBMP-R12-01WS-02-ADLT-250102	40289411054	Tissue	PCBs, Lipids
HBMP-R12-01WS-03-ADLT-250102	40289411055	Tissue	PCBs, Lipids
HBMP-R12-01WS-04-ADLT-250102	40289411056	Tissue	PCBs, Lipids
HBMP-R12-01WS-05-ADLT-250102	40289411057	Tissue	PCBs, Lipids
HBMP-R05C-01BB-01-ADLT-240910	40284099001	Tissue	PCBs, Lipids
HBMP-R05C-01LB-01-ADLT-240910	40284099002	Tissue	PCBs, Lipids
HBMP-R05C-01LB-01-ADLT-240911	40284099003	Tissue	PCBs, Lipids
HBMP-R05C-01LB-01-YOY-240910	40284099004	Tissue	PCBs, Lipids
HBMP-R05C-01LB-02-ADLT-240910	40284099005	Tissue	PCBs, Lipids
HBMP-R05C-01LB-02-YOY-240910	40284099006	Tissue	PCBs, Lipids
HBMP-R05C-01LB-03-ADLT-240910	40284099007	Tissue	PCBs, Lipids
HBMP-R05C-01LB-03-YOY-240910	40284099008	Tissue	PCBs, Lipids
HBMP-R05C-01LB-04-ADLT-240910	40284099009	Tissue	PCBs, Lipids
HBMP-R05C-01LB-04-YOY-240910	40284099010	Tissue	PCBs, Lipids
HBMP-R05C-01LB-05-ADLT-240910	40284099011	Tissue	PCBs, Lipids
HBMP-R05C-01LB-05-YOY-240910	40284099012	Tissue	PCBs, Lipids
HBMP-R05C-01LB-06-ADLT-240910	40284099013	Tissue	PCBs, Lipids

Sample ID	Lab Sample ID	Matrix	Analyses
HBMP-R05C-01LB-06-YOY-240910	40284099014	Tissue	PCBs, Lipids
HBMP-R05C-01LB-07-ADLT-240910	40284099015	Tissue	PCBs, Lipids
HBMP-R05C-01LB-07-YOY-240910	40284099016	Tissue	PCBs, Lipids
HBMP-R05C-01LB-08-ADLT-240910	40284099017	Tissue	PCBs, Lipids
HBMP-R05C-01LB-09-ADLT-240910	40284099018	Tissue	PCBs, Lipids
HBMP-R05C-01YP-01-ADLT-240910	40284099019	Tissue	PCBs, Lipids
HBMP-R05C-01YP-01-YOY-240911	40284099020	Tissue	PCBs, Lipids
HBMP-R05C-01YP-02-ADLT-240910	40284099021	Tissue	PCBs, Lipids
HBMP-R05C-01YP-02-YOY-240911	40284099022	Tissue	PCBs, Lipids
HBMP-R05C-01YP-03-ADLT-240910	40284099023	Tissue	PCBs, Lipids
HBMP-R05C-01YP-03-YOY-240911	40284099024	Tissue	PCBs, Lipids
HBMP-R05C-01YP-04-ADLT-240910	40284099025	Tissue	PCBs, Lipids
HBMP-R05C-01YP-04-YOY-240911	40284099026	Tissue	PCBs, Lipids
HBMP-R05C-01YP-05-ADLT-240910	40284099027	Tissue	PCBs, Lipids
HBMP-R05C-01YP-05-YOY-240911	40284099028	Tissue	PCBs, Lipids
HBMP-R05C-01YP-06-ADLT-240910	40284099029	Tissue	PCBs, Lipids
HBMP-R05C-01YP-06-YOY-240911	40284099030	Tissue	PCBs, Lipids
HBMP-R05C-01YP-07-ADLT-240910	40284099031	Tissue	PCBs, Lipids
HBMP-R05C-01YP-07-YOY-240911	40284099032	Tissue	PCBs, Lipids
HBMP-R05C-01YP-08-ADLT-240910	40284099033	Tissue	PCBs, Lipids
HBMP-R05C-01YP-09-ADLT-240910	40284099034	Tissue	PCBs, Lipids
HBMP-R05C-01YP-10-ADLT-240910	40284099035	Tissue	PCBs, Lipids
HBMP-R10-01BB-01-ADLT-240917	40284428001	Tissue	PCBs, Lipids
HBMP-R10-01BB-02-ADLT-240917	40284428002	Tissue	PCBs, Lipids
HBMP-R11-01SB-01-ADLT-240917	40284428003	Tissue	PCBs, Lipids
HBMP-R11-01SB-02-ADLT-240917	40284428004	Tissue	PCBs, Lipids
HBMP-R11-01SB-03-ADLT-240917	40284428005	Tissue	PCBs, Lipids
HBMP-R11-01SB-04-ADLT-240917	40284428006	Tissue	PCBs, Lipids
HBMP-R11-01SB-05-ADLT-240917	40284428007	Tissue	PCBs, Lipids
HBMP-R11-01SB-06-ADLT-240917	40284428008	Tissue	PCBs, Lipids
HBMP-R11-01SB-07-ADLT-240917	40284428009	Tissue	PCBs, Lipids
HBMP-R11-01SB-08-ADLT-240917	40284428010	Tissue	PCBs, Lipids
HBMP-R11-01SB-09-ADLT-240917	40284428011	Tissue	PCBs, Lipids
HBMP-R11-01SB-10-ADLT-240917	40284428012	Tissue	PCBs, Lipids

Data Validation and Qualifications

The following comments refer to the laboratory's performance in meeting the quality assurance/quality control (QA/QC) guidelines outlined in the analytical procedures. Laboratory results were reviewed using the following guidelines:

- Arcadis Quality Assurance Project Plan (QAPP; GE-Pittsfield/Housatonic River Site (GECD900) Second Revised Field Sampling Plan/Quality Assurance Project Plan 2023)
- *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods* (SW-846, Third Edition; USEPA 1986)
- *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA 2020a)
- *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA 2020b)

Unless noted in this report, laboratory results for the samples listed above were within QC criteria.

Field Documentation

Field documentation was checked for completeness and accuracy. The chain-of-custody forms were signed by Pace at the time of sample receipt; the samples were received in good condition and frozen at the time of receipt.

Sample Preservation and Hold time

Samples were appropriately preserved and analyzed within project specified hold times except for lipids in 103 samples. Associated results were qualified "J" to indicate a low bias.

Laboratory Method Blanks

Laboratory method blanks were analyzed at the required frequencies and were free of target analytes with the following exceptions:

- Conventionals: Lipids were detected all method blanks in the preparation batches. Detected sample results that were not significantly greater (five times) than the concentration in the blank were qualified "J" to indicate potential high bias.

- PCBs: Aroclor 1260 were detected method blanks in batches 501604 and 501612. All associated batch sample results were greater than five times concentrations detected in the blanks so no data were qualified.

Field Quality Control

No field quality control samples were collected in association with this SDG.

Surrogate Recoveries

Surrogate recoveries were not evaluated for samples analyzed at dilutions of 5 or greater since accurate quantification is not possible at elevated dilutions. Surrogates recovered within project-required control limits except for decachlorobiphenyl, which recovered below the project required control limit in sample HBMP-R12-01WS-03-ADLT-250102. Associated sample results were qualified "J" or "UJ" to indicate a low bias.

Laboratory Control Samples

Laboratory control samples (LCS) were analyzed at the required frequencies and resulted in recoveries within project-required control limits.

Matrix Spike Samples

Matrix spike (MS) samples and matrix spike duplicate (MSD) samples were analyzed at the required frequencies. Recovery values and relative percent differences (RPDs) were within project-required control limits.

Laboratory Duplicates

Laboratory duplicates were analyzed for lipids at the required frequency. RPDs were within project-required control limits.

Method Detection and Reporting Limits

Detection and reporting limits were acceptable as reported and all screening levels were met. All values were reported using the laboratory detection limits and results detected below the reporting limit were reported to the MDLs as estimated values. Values were reported as undiluted or when diluted, the detection and reporting limits reflect the dilution factor.

Overall Assessment

As was determined by this evaluation, the laboratory followed the specified analytical methods and all requested sample analyses were completed. Accuracy was acceptable as demonstrated by the LCS and MS/MSD recovery values. Precision was acceptable as demonstrated by the laboratory duplicate and MS/MSD RPD values. All data are acceptable as reported or qualified. Completeness goals were met. Table 3 summarizes the qualifiers applied to the sample results reviewed in this report.

Data Qualifier Definitions

J Indicates an estimated value

U Indicates the compound or analyte was analyzed for but not detected at or above the specified limit.

UJ Indicates the compound or analyte was analyzed for but not detected and the specified limit reported is estimated.

Table 3
Data Qualification Summary

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R05A-01LB-01-ADLT-241001	Conventionals	Lipids	0.55 %	0.55J %	Method blank contamination; Hold time exceeded
HBMP-R05A-01LB-01-YOY-241001	Conventionals	Lipids	3.0 %	3.0J %	Method blank contamination; Hold time exceeded
HBMP-R05A-01LB-02-ADLT-241001	Conventionals	Lipids	0.46 %	0.46J %	Method blank contamination; Hold time exceeded
HBMP-R05A-01LB-02-YOY-241001	Conventionals	Lipids	3.9 %	3.9J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01BB-01-ADLT-240910	Conventionals	Lipids	0.37 %	0.37J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01LB-01-ADLT-240910	Conventionals	Lipids	0.60 %	0.60J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01LB-01-ADLT-240911	Conventionals	Lipids	1.2 %	1.2J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01LB-01-YOY-240910	Conventionals	Lipids	3.5 %	3.5J %	Holding time exceeded
HBMP-R05C-01LB-02-ADLT-240910	Conventionals	Lipids	0.82 %	0.82J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01LB-02-YOY-240910	Conventionals	Lipids	2.6 %	2.6J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01LB-03-ADLT-240910	Conventionals	Lipids	0.60 %	0.60J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01LB-03-YOY-240910	Conventionals	Lipids	2.4 %	2.4J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01LB-04-ADLT-240910	Conventionals	Lipids	0.77 %	0.77J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01LB-04-YOY-240910	Conventionals	Lipids	1.9 %	1.9J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01LB-05-ADLT-240910	Conventionals	Lipids	1.5 %	1.5J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01LB-05-YOY-240910	Conventionals	Lipids	1.7 %	1.7J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01LB-06-ADLT-240910	Conventionals	Lipids	1.7 %	1.7J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01LB-06-YOY-240910	Conventionals	Lipids	1.8 %	1.8J %	Method blank contamination; Hold time exceeded

Table 3
Data Qualification Summary

HBMP-R05C-01LB-07-ADLT-240910	Conventionals	Lipids	1.5 %	1.5J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01LB-07-YOY-240910	Conventionals	Lipids	1.9 %	1.9J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01LB-08-ADLT-240910	Conventionals	Lipids	0.68 %	0.68J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01LB-09-ADLT-240910	Conventionals	Lipids	1.2 %	1.2J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01WS-01-ADLT-250102	Conventionals	Lipids	2.3 %	2.3J %	Method blank contamination
HBMP-R05C-01WS-02-ADLT-250102	Conventionals	Lipids	1.0 %	1.0J %	Method blank contamination
HBMP-R05C-01WS-03-ADLT-250102	Conventionals	Lipids	1.3 %	1.3J %	Method blank contamination
HBMP-R05C-01WS-04-ADLT-250102	Conventionals	Lipids	1.6 %	1.6J %	Method blank contamination
HBMP-R05C-01WS-05-ADLT-250102	Conventionals	Lipids	1.4 %	1.4J %	Method blank contamination
HBMP-R05C-01WS-06-ADLT-250102	Conventionals	Lipids	0.86 %	0.86J %	Method blank contamination
HBMP-R05C-01WS-07-ADLT-250102	Conventionals	Lipids	1.5 %	1.5J %	Method blank contamination
HBMP-R05C-01WS-08-ADLT-250102	Conventionals	Lipids	0.85 %	0.85J %	Method blank contamination
HBMP-R05C-01YP-01-ADLT-240910	Conventionals	Lipids	0.63 %	0.63J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01YP-01-YOY-240911	Conventionals	Lipids	3.4 %	3.4J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01YP-02-ADLT-240910	Conventionals	Lipids	1.0 %	1.0J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01YP-02-YOY-240911	Conventionals	Lipids	3.8 %	3.8J %	Holding time exceeded
HBMP-R05C-01YP-03-ADLT-240910	Conventionals	Lipids	0.57 %	0.57J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01YP-03-YOY-240911	Conventionals	Lipids	3.7 %	3.7J %	Holding time exceeded
HBMP-R05C-01YP-04-ADLT-240910	Conventionals	Lipids	0.52 %	0.52J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01YP-04-YOY-240911	Conventionals	Lipids	3.1 %	3.1J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01YP-05-ADLT-240910	Conventionals	Lipids	0.55 %	0.55J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01YP-05-YOY-240911	Conventionals	Lipids	2.9 %	2.9J %	Method blank contamination; Hold time exceeded

Table 3
Data Qualification Summary

HBMP-R05C-01YP-06-ADLT-240910	Conventionals	Lipids	0.61 %	0.61J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01YP-06-YOY-240911	Conventionals	Lipids	3.1 %	3.1J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01YP-07-ADLT-240910	Conventionals	Lipids	0.64 %	0.64J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01YP-07-YOY-240911	Conventionals	Lipids	2.8 %	2.8J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01YP-08-ADLT-240910	Conventionals	Lipids	0.14 %	0.14J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01YP-09-ADLT-240910	Conventionals	Lipids	0.30 %	0.30J %	Method blank contamination; Hold time exceeded
HBMP-R05C-01YP-10-ADLT-240910	Conventionals	Lipids	0.40 %	0.40J %	Method blank contamination; Hold time exceeded
HBMP-R06-01WS-01-ADLT-250102	Conventionals	Lipids	2.4 %	2.4J %	Method blank contamination
HBMP-R06-01WS-02-ADLT-250102	Conventionals	Lipids	1.1 %	1.1J %	Method blank contamination
HBMP-R06-01WS-03-ADLT-250102	Conventionals	Lipids	1.6 %	1.6J %	Method blank contamination
HBMP-R06-01WS-04-ADLT-250102	Conventionals	Lipids	2.2 %	2.2J %	Method blank contamination
HBMP-R06-01WS-05-ADLT-250102	Conventionals	Lipids	1.4 %	1.4J %	Method blank contamination
HBMP-R06-01WS-06-ADLT-250102	Conventionals	Lipids	1.0 %	1.0J %	Method blank contamination
HBMP-R06-01WS-07-ADLT-250102	Conventionals	Lipids	1.7 %	1.7J %	Method blank contamination
HBMP-R06-01WS-08-ADLT-250102	Conventionals	Lipids	2.7 %	2.7J %	Method blank contamination
HBMP-R06-01WS-09-ADLT-250102	Conventionals	Lipids	1.2 %	1.2J %	Method blank contamination
HBMP-R06-01WS-10-ADLT-250102	Conventionals	Lipids	1.7 %	1.7J %	Method blank contamination
HBMP-R07D-01BB-01-ADLT-241003	Conventionals	Lipids	1.3 %	1.3J %	Method blank contamination; Hold time exceeded
HBMP-R07D-01BB-02-ADLT-241003	Conventionals	Lipids	0.86 %	0.86J %	Method blank contamination; Hold time exceeded
HBMP-R07D-01BB-03-ADLT-241003	Conventionals	Lipids	1.8 %	1.8J %	Method blank contamination; Hold time exceeded
HBMP-R07D-01BB-04-ADLT-241003	Conventionals	Lipids	0.63 %	0.63J %	Method blank contamination; Hold time exceeded
HBMP-R07D-01BB-05-ADLT-241003	Conventionals	Lipids	1.6 %	1.6J %	Method blank contamination; Hold time exceeded

Table 3
Data Qualification Summary

HBMP-R07D-01BB-06-ADLT-241003	Conventionals	Lipids	1.0 %	1.0J %	Method blank contamination; Hold time exceeded
HBMP-R07D-01BB-07-ADLT-241003	Conventionals	Lipids	1.0 %	1.0J %	Method blank contamination; Hold time exceeded
HBMP-R07D-01BB-08-ADLT-241003	Conventionals	Lipids	1.0 %	1.0J %	Method blank contamination; Hold time exceeded
HBMP-R07D-01BB-09-ADLT-241003	Conventionals	Lipids	1.4 %	1.4J %	Method blank contamination; Hold time exceeded
HBMP-R07D-01WS-02-ADLT-250102	Conventionals	Lipids	3.2 %	3.2J %	Method blank contamination
HBMP-R07D-01WS-05-ADLT-250102	Conventionals	Lipids	4.0 %	4.0J %	Method blank contamination
HBMP-R07D-01WS-07-ADLT-250102	Conventionals	Lipids	0.68 %	0.68J %	Method blank contamination
HBMP-R07D-01WS-08-ADLT-250102	Conventionals	Lipids	3.9 %	3.9J %	Method blank contamination
HBMP-R07D-01WS-09-ADLT-250102	Conventionals	Lipids	3.8 %	3.8J %	Method blank contamination
HBMP-R07D-01WS-10-ADLT-250102	Conventionals	Lipids	1.6 %	1.6J %	Method blank contamination
HBMP-R07G-01LB-01-ADLT-241003	Conventionals	Lipids	0.50 %	0.50J %	Method blank contamination; Hold time exceeded
HBMP-R07G-01LB-01-YOY-241003	Conventionals	Lipids	3.4 %	3.4J %	Method blank contamination; Hold time exceeded
HBMP-R07G-01LB-02-ADLT-241003	Conventionals	Lipids	0.85 %	0.85J %	Method blank contamination; Hold time exceeded
HBMP-R07G-01LB-02-YOY-241003	Conventionals	Lipids	2.6 %	2.6J %	Method blank contamination; Hold time exceeded
HBMP-R07G-01LB-03-YOY-241003	Conventionals	Lipids	3.0 %	3.0J %	Method blank contamination; Hold time exceeded
HBMP-R07G-01YP-01-ADLT-241003	Conventionals	Lipids	0.42 %	0.42J %	Method blank contamination; Hold time exceeded
HBMP-R07G-01YP-02-ADLT-241003	Conventionals	Lipids	0.41 %	0.41J %	Method blank contamination; Hold time exceeded
HBMP-R07G-01YP-03-ADLT-241003	Conventionals	Lipids	0.38 %	0.38J %	Method blank contamination; Hold time exceeded
HBMP-R08-01LB-01-ADLT-241003	Conventionals	Lipids	0.43 %	0.43J %	Method blank contamination; Hold time exceeded
HBMP-R08-01WS-01-ADLT-250102	Conventionals	Lipids	2.3 %	2.3J %	Method blank contamination
HBMP-R08-01WS-02-ADLT-250102	Conventionals	Lipids	2.2 %	2.2J %	Method blank contamination
HBMP-R08-01WS-03-ADLT-250102	Conventionals	Lipids	0.69 %	0.69J %	Method blank contamination

Table 3
Data Qualification Summary

HBMP-R08-01WS-04-ADLT-250102	Conventionals	Lipids	3.0 %	3.0J %	Method blank contamination
HBMP-R08-01YP-01-ADLT-241003	Conventionals	Lipids	0.30 %	0.30J %	Method blank contamination; Hold time exceeded
HBMP-R08-01YP-02-ADLT-241003	Conventionals	Lipids	0.30 %	0.30J %	Method blank contamination; Hold time exceeded
HBMP-R08-01YP-03-ADLT-241003	Conventionals	Lipids	0.48 %	0.48J %	Method blank contamination; Hold time exceeded
HBMP-R09-01WS-01-ADLT-250102	Conventionals	Lipids	2.1 %	2.1J %	Method blank contamination
HBMP-R09-01WS-02-ADLT-250102	Conventionals	Lipids	0.91 %	0.91J %	Method blank contamination
HBMP-R09-01WS-03-ADLT-250102	Conventionals	Lipids	1.7 %	1.7J %	Method blank contamination
HBMP-R09-01WS-04-ADLT-250102	Conventionals	Lipids	2.6 %	2.6J %	Method blank contamination
HBMP-R09-01WS-05-ADLT-250102	Conventionals	Lipids	2.0 %	2.0J %	Method blank contamination
HBMP-R09-01WS-06-ADLT-250102	Conventionals	Lipids	2.8 %	2.8J %	Method blank contamination
HBMP-R09-01WS-07-ADLT-250102	Conventionals	Lipids	2.5 %	2.5J %	Method blank contamination
HBMP-R09-01WS-08-ADLT-250102	Conventionals	Lipids	1.5 %	1.5J %	Method blank contamination
HBMP-R09-01WS-09-ADLT-250102	Conventionals	Lipids	2.4 %	2.4J %	Method blank contamination
HBMP-R09-01WS-10-ADLT-250102	Conventionals	Lipids	1.8 %	1.8J %	Method blank contamination
HBMP-R10-01BB-01-ADLT-240917	Conventionals	Lipids	0.56 %	0.56J %	Method blank contamination; Hold time exceeded
HBMP-R10-01BB-02-ADLT-240917	Conventionals	Lipids	1.2 %	1.2J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-01-ADLT-240917	Conventionals	Lipids	0.57 %	0.57J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-01-YOY-241002	Conventionals	Lipids	3.6 %	3.6J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-02-ADLT-240917	Conventionals	Lipids	0.83 %	0.83J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-02-YOY-241002	Conventionals	Lipids	4.0 %	4.0J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-03-ADLT-240917	Conventionals	Lipids	0.98 %	0.98J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-03-YOY-241002	Conventionals	Lipids	4.0 %	4.0J %	Method blank contamination; Hold time exceeded

Table 3
Data Qualification Summary

HBMP-R11-01SB-04-ADLT-240917	Conventionals	Lipids	1.6 %	1.6J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-04-YOY-241002	Conventionals	Lipids	3.6 %	3.6J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-05-ADLT-240917	Conventionals	Lipids	1.6 %	1.6J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-05-YOY-241002	Conventionals	Lipids	4.0 %	4.0J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-06-ADLT-240917	Conventionals	Lipids	1.2 %	1.2J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-06-YOY-241002	Conventionals	Lipids	3.7 %	3.7J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-07-ADLT-240917	Conventionals	Lipids	1.2 %	1.2J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-07-YOY-241002	Conventionals	Lipids	4.1 %	4.1J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-08-ADLT-240917	Conventionals	Lipids	1.4 %	1.4J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-08-YOY-241002	Conventionals	Lipids	3.7 %	3.7J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-09-ADLT-240917	Conventionals	Lipids	0.74 %	0.74J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-09-YOY-241002	Conventionals	Lipids	3.9 %	3.9J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-10-ADLT-240917	Conventionals	Lipids	1.3 %	1.3J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-10-YOY-241002	Conventionals	Lipids	3.3 %	3.3J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-11-YOY-241002	Conventionals	Lipids	3.7 %	3.7J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-12-YOY-241002	Conventionals	Lipids	3.6 %	3.6J %	Method blank contamination; Hold time exceeded
HBMP-R11-01SB-13-YOY-241002	Conventionals	Lipids	4.4 %	4.4J %	Holding time exceeded
HBMP-R11-01SB-14-YOY-241002	Conventionals	Lipids	4.1 %	4.1J %	Method blank contamination; Hold time exceeded
HBMP-R11-01WS-01-ADLT-250102	Conventionals	Lipids	2.9 %	2.9J %	Method blank contamination
HBMP-R11-01WS-02-ADLT-250102	Conventionals	Lipids	3.0 %	3.0J %	Method blank contamination
HBMP-R11-01WS-03-ADLT-250102	Conventionals	Lipids	4.0 %	4.0J %	Method blank contamination
HBMP-R11-01WS-04-ADLT-250102	Conventionals	Lipids	2.5 %	2.5J %	Method blank contamination

Table 3
Data Qualification Summary

HBMP-R11-01WS-05-ADLT-250102	Conventionals	Lipids	2.4 %	2.4J %	Method blank contamination
HBMP-R11-01WS-06-ADLT-250102	Conventionals	Lipids	3.2 %	3.2J %	Method blank contamination
HBMP-R11-01WS-07-ADLT-250102	Conventionals	Lipids	3.1 %	3.1J %	Method blank contamination
HBMP-R11-01WS-08-ADLT-250102	Conventionals	Lipids	3.2 %	3.2J %	Method blank contamination
HBMP-R11-01WS-09-ADLT-250102	Conventionals	Lipids	3.1 %	3.1J %	Method blank contamination
HBMP-R12-01BB-01-ADLT-241002	Conventionals	Lipids	1.2 %	1.2J %	Method blank contamination; Hold time exceeded
HBMP-R12-01NP-01-ADLT-241002	Conventionals	Lipids	0.63 %	0.63J %	Method blank contamination; Hold time exceeded
HBMP-R12-01NP-02-ADLT-241002	Conventionals	Lipids	1.3 %	1.3J %	Method blank contamination; Hold time exceeded
HBMP-R12-01NP-03-ADLT-241002	Conventionals	Lipids	2.0 %	2.0J %	Method blank contamination; Hold time exceeded
HBMP-R12-01NP-04-ADLT-241002	Conventionals	Lipids	1.5 %	1.5J %	Method blank contamination; Hold time exceeded
HBMP-R12-01SB-01-ADLT-241002	Conventionals	Lipids	0.69 %	0.69J %	Method blank contamination; Hold time exceeded
HBMP-R12-01SB-02-ADLT-241002	Conventionals	Lipids	0.49 %	0.49J %	Method blank contamination; Hold time exceeded
HBMP-R12-01SB-03-ADLT-241002	Conventionals	Lipids	0.85 %	0.85J %	Method blank contamination; Hold time exceeded
HBMP-R12-01SB-04-ADLT-241002	Conventionals	Lipids	1.3 %	1.3J %	Method blank contamination; Hold time exceeded
HBMP-R12-01SB-05-ADLT-241002	Conventionals	Lipids	0.80 %	0.80J %	Method blank contamination; Hold time exceeded
HBMP-R12-01SB-06-ADLT-241002	Conventionals	Lipids	0.99 %	0.99J %	Method blank contamination; Hold time exceeded
HBMP-R12-01SB-07-ADLT-241002	Conventionals	Lipids	1.3 %	1.3J %	Method blank contamination; Hold time exceeded
HBMP-R12-01SB-08-ADLT-241002	Conventionals	Lipids	0.72 %	0.72J %	Method blank contamination; Hold time exceeded
HBMP-R12-01WS-01-ADLT-250102	Conventionals	Lipids	1.1 %	1.1J %	Method blank contamination
HBMP-R12-01WS-02-ADLT-250102	Conventionals	Lipids	0.88 %	0.88J %	Method blank contamination
HBMP-R12-01WS-03-ADLT-250102	Conventionals	Lipids	0.20 %	0.20J %	Method blank contamination
	PCBs	Aroclor 1016	25.1 µg/kg	25.1UJ µg/kg	Surrogate %R below CL

Table 3
Data Qualification Summary

		Aroclor 1221	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1232	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1242	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1248	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1254	25.1 µg/kg	25.1UJ µg/kg	
		Aroclor 1260	173 µg/kg	173J µg/kg	
HBMP-R12-01WS-04-ADLT-250102	Conventionals	Lipids	1.4 %	1.4J %	Laboratory blanks
HBMP-R12-01WS-05-ADLT-250102	Conventionals	Lipids	1.5 %	1.5J %	Laboratory blanks
HBMP-R12-01YP-01-ADLT-241002	Conventionals	Lipids	0.80 %	0.80J %	Method blank contamination; Hold time exceeded
HBMP-R12-01YP-02-ADLT-241002	Conventionals	Lipids	0.62 %	0.62J %	Method blank contamination; Hold time exceeded
HBMP-R12-01YP-03-ADLT-241002	Conventionals	Lipids	0.53 %	0.53J %	Method blank contamination; Hold time exceeded
HBMP-R12-01YP-04-ADLT-241002	Conventionals	Lipids	0.50 %	0.50J %	Method blank contamination; Hold time exceeded

Note:
µg/kg: microgram per kilogram

References

GE-Pittsfield/Housatonic River Site (GECD900) Second Revised Field Sampling Plan/Quality Assurance Project Plan (QAPP). December 2023.

USEPA, 1986. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods*. Office of Solid Waste and Emergency Response. EPA-530/SW-846.

USEPA 2020a. National Functional Guidelines for Superfund Organic Methods Data Review. Office of Superfund Remediation and Technology Innovation. EPA-540-R-20-005. November 2020.

USEPA 2020b. National Functional Guidelines for Inorganic Superfund Methods Data Review. Office of Superfund Remediation and Technology Innovation. EPA-542-R-20-006. November 2020.

1201 3rd Avenue, Suite 2600
Seattle, Washington 98101
206.287.9130

ANCHOR QEA

Data Validation Report – EPA Stage 2A

September 5, 2025

Project: Housatonic Baseline Monitoring

Project Number: 190469-01.03

Validation ID: AQ-2025-0135

This report summarizes the review of analytical results for 49 fish tissue samples collected between September 13, 2024, and January 02, 2025. The samples were collected by Anchor QEA and submitted to SGS North America (SGS) in Wilmington, North Carolina. The samples were analyzed for polychlorinated biphenyl congeners (PCBs) by U.S. Environmental Protection Agency (USEPA) method 1668C.

SGS sample delivery groups (SDGs) C1718, C1719, and C1720 were reviewed in this report. Sample IDs and analyses are presented in Table 1.

Table 1
Sample IDs, Matrices, and Analyses

Sample ID	Lab Sample ID	Matrix	Analyses
HBMP-R06-01WS-01-ADLT-250102	C1718_22258_PCB_002-D10	Tissue	PCB congeners
HBMP-R06-01WS-02-ADLT-250102	C1718_22258_PCB_003-D10	Tissue	PCB congeners
HBMP-R06-01WS-03-ADLT-250102	C1718_22258_PCB_001-D10	Tissue	PCB congeners
HBMP-R06-01WS-04-ADLT-250102	C1718_22258_PCB_004-D10	Tissue	PCB congeners
HBMP-R06-01WS-05-ADLT-250102	C1718_22258_PCB_005-D10	Tissue	PCB congeners
HBMP-R06-01WS-06-ADLT-250102	C1718_22258_PCB_010-D10	Tissue	PCB congeners
HBMP-R06-01WS-07-ADLT-250102	C1718_22258_PCB_006-D10	Tissue	PCB congeners
HBMP-R06-01WS-08-ADLT-250102	C1718_22258_PCB_007-D10	Tissue	PCB congeners
HBMP-R06-01WS-09-ADLT-250102	C1718_22258_PCB_009-D10	Tissue	PCB congeners
HBMP-R06-01WS-10-ADLT-250102	C1718_22258_PCB_008-D10	Tissue	PCB congeners
HBMP-R07D-01WS-01-ADLT-250102	C1718_22258_PCB_011-D10	Tissue	PCB congeners
HBMP-R07D-01WS-02-ADLT-250102	C1718_22258_PCB_014-D10	Tissue	PCB congeners

Sample ID	Lab Sample ID	Matrix	Analyses
HBMP-R07D-01WS-03-ADLT-250102	C1718_22258_PCB_018-D10	Tissue	PCB congeners
HBMP-R07D-01WS-04-ADLT-250102	C1718_22258_PCB_019-D10	Tissue	PCB congeners
HBMP-R07D-01WS-05-ADLT-250102	C1718_22258_PCB_015-D10	Tissue	PCB congeners
HBMP-R07D-01WS-06-ADLT-250102	C1718_22258_PCB_016-D10	Tissue	PCB congeners
HBMP-R07D-01WS-07-ADLT-250102	C1718_22258_PCB_012-D10	Tissue	PCB congeners
HBMP-R07D-01WS-08-ADLT-250102	C1718_22258_PCB_013-D10	Tissue	PCB congeners
HBMP-R07D-01WS-09-ADLT-250102	C1718_22258_PCB_020-D10	Tissue	PCB congeners
HBMP-R07D-01WS-10-ADLT-250102	C1718_22258_PCB_017-D10	Tissue	PCB congeners
HBMP-R08-01LB-01-ADLT-240919	C1719_22259_PCB_001-D10	Tissue	PCB congeners
HBMP-R08-01LB-01-ADLT-241003	C1719_22259_PCB_005-D10	Tissue	PCB congeners
HBMP-R08-01LB-02-ADLT-240919	C1719_22259_PCB_002-D10	Tissue	PCB congeners
HBMP-R08-01LB-03-ADLT-240919	C1719_22259_PCB_003-D10	Tissue	PCB congeners
HBMP-R08-01LB-04-ADLT-240919	C1719_22259_PCB_004-D10	Tissue	PCB congeners
HBMP-R08-01WS-01-ADLT-250102	C1719_22259_PCB_006-D10	Tissue	PCB congeners
HBMP-R08-01WS-02-ADLT-250102	C1719_22259_PCB_007-D10	Tissue	PCB congeners
HBMP-R08-01WS-03-ADLT-250102	C1719_22259_PCB_008-D10	Tissue	PCB congeners
HBMP-R08-01WS-04-ADLT-250102	C1719_22259_PCB_009-D10	Tissue	PCB congeners
HBMP-R11-01SB-01-ADLT-240917	C1719_22259_PCB_015-D10	Tissue	PCB congeners
HBMP-R11-01SB-02-ADLT-240917	C1719_22259_PCB_010-D10	Tissue	PCB congeners
HBMP-R11-01SB-02-YOY-241002	C1719_22259_PCB_020-D10	Tissue	PCB congeners
HBMP-R11-01SB-03-ADLT-240917	C1719_22259_PCB_016-D10	Tissue	PCB congeners
HBMP-R11-01SB-04-ADLT-240917	C1719_22259_PCB_011-D10	Tissue	PCB congeners

Sample ID	Lab Sample ID	Matrix	Analyses
HBMP-R11-01SB-05-ADLT-240917	C1719_22259_PCB_017-D10	Tissue	PCB congeners
HBMP-R11-01SB-06-ADLT-240917	C1719_22259_PCB_012-D10	Tissue	PCB congeners
HBMP-R11-01SB-07-ADLT-240917	C1719_22259_PCB_013-D10	Tissue	PCB congeners
HBMP-R11-01SB-08-ADLT-240917	C1719_22259_PCB_018-D10	Tissue	PCB congeners
HBMP-R11-01SB-09-ADLT-240917	C1719_22259_PCB_014-D10	Tissue	PCB congeners
HBMP-R11-01SB-10-ADLT-240917	C1719_22259_PCB_019-D10	Tissue	PCB congeners
HBMP-R15-01BB-01-ADLT-240913	C1720_22260_PCB_005	Tissue	PCB congeners
HBMP-R15-01BB-02-ADLT-240913	C1720_22260_PCB_006	Tissue	PCB congeners
HBMP-R15-01BB-03-ADLT-240913	C1720_22280_PCB_007-R1	Tissue	PCB congeners
HBMP-R15-01BB-05-ADLT-240913	C1720_22260_PCB_001	Tissue	PCB congeners
HBMP-R15-01BB-06-ADLT-240913	C1720_22260_PCB_002	Tissue	PCB congeners
HBMP-R15-01BB-07-ADLT-240913	C1720_22260_PCB_008	Tissue	PCB congeners
HBMP-R15-01BB-08-ADLT-240913	C1720_22260_PCB_009	Tissue	PCB congeners
HBMP-R15-01BB-09-ADLT-240913	C1720_22260_PCB_003	Tissue	PCB congeners
HBMP-R15-01BB-10-ADLT-240913	C1720_22260_PCB_004	Tissue	PCB congeners

Data Validation and Qualifications

The following comments refer to the laboratory's performance in meeting the quality assurance/quality control (QA/QC) guidelines outlined in the analytical procedures. Laboratory results were reviewed using the following guidelines:

- Arcadis Quality Assurance Project Plan (QAPP; GE-Pittsfield/Housatonic River Site (GECD900) Second Revised Field Sampling Plan/Quality Assurance Project Plan 2023)
- *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods* (SW-846, Third Edition; USEPA 1986)
- *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA 2020a)
- *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA 2020b)

Unless noted in this report, laboratory results for the samples listed above were within QC criteria.

Field Documentation

Field documentation was checked for completeness and accuracy. The chain-of-custody forms were signed by SGS at the time of sample receipt; the samples were received in good condition and frozen at the time of receipt.

Sample Preservation and Hold time

Samples were appropriately preserved and analyzed within project specified hold times.

Laboratory Method Blanks

Laboratory method blanks were analyzed at the required frequencies and were free of target analytes with some exceptions. Almost all sample results were significantly greater than (greater than five times) the level detected in the blank so only PCB-011 was qualified "U" as non-detect in 22 samples. A summary of qualifiers is listed in Table 2.

Field Quality Control

No field quality control samples were collected in association with this SDG.

Surrogate and Internal Standard Recoveries

Surrogates and internal standards (IS) were added to all samples at the required frequency. Surrogate recoveries were not evaluated for samples analyzed at dilutions of 5 or greater since accurate quantification is not possible at elevated dilutions. Surrogates recovered within project-required control limits. Internal standards recovered within laboratory control limits except for the extraction standard for 13C-PCB-180 in twelve samples and 13C-PCB-170 and 13C-PCB-189 in sample HBMP-R15-01BB-03-ADLT-240913 which were above the control limit. Associated congener and co-eluting congeners were qualified "J" to indicate a high bias.

Ongoing Precision and Recovery

Ongoing precision and recovery (OPR) samples were analyzed at the required frequency. All OPR recoveries were within method control limits with the exception of PCB-169 in OPR batch 22260 which recovered below the control limit. Associated batch sample results were qualified "J" to indicate a low bias.

Matrix Spike and Matrix Spike Duplicate Samples

Matrix spike samples were not analyzed for these samples since this is an isotope dilution method and labeled compounds were added to every sample.

Laboratory Duplicates

Laboratory duplicates were analyzed at the required frequency against a 30% RPD as the control limit. When one result was less than five times the RL, they were evaluated by the difference between them using a control limit of ± twice the RL. Laboratory duplicate RPD or difference values were within project-required control limits except for 4 PCB congeners in samples HBMP-R06-01WS-05-ADLT-250143 and HBMP-R11-01SB-02-ADLT-240917, and 126 congeners in sample HBMP-R11-01SB-02-ADLT-240917. Associated parent sample results were qualified "UJ" or "J" to indicate they are estimated.

Estimated Maximum Possible Concentration

Results indicated as estimated maximum possible concentration (EMPC) have been qualified "J" to indicate they are estimated.

Compound Quantitation

All samples in C1718 and C1719 were analyzed at an initial dilution of 10X due to expected elevated concentrations of target analytes. The laboratory indicated that some samples had PCB concentrations that exceeded the linear range of calibration or saturated signal responses indicating high levels of target analytes. Associated samples were qualified "J" to indicate results may be biased low.

Method Detection and Reporting Limits

Detection and reporting limits were acceptable as reported and all screening levels were met. All values were reported using the laboratory detection limits and results detected below the reporting limit were reported to the MDLs as estimated values. Values were reported as undiluted or when diluted, the detection and reporting limits reflect the dilution factor.

Overall Assessment

As was determined by this evaluation, the laboratory followed the specified analytical methods and all requested sample analyses were completed. Accuracy was acceptable as demonstrated by the OPR recovery values and precision was acceptable as demonstrated by the laboratory duplicate RPD values with exceptions noted above. All data are acceptable as reported or qualified. Completeness goals were met at greater than 99%. Table 2 summarizes the qualifiers applied to the sample results reviewed in this report.

Data Qualifier Definitions

J Indicates an estimated value

U Indicates the compound or analyte was analyzed for but not detected at or above the specified limit.

UJ Indicates the compound or analyte was analyzed for but not detected and the specified limit reported is estimated.

Table 2
Data Qualification Summary

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
All Samples	PCBs	Various	Various	J	EMPC
All Samples	PCBs	Various	Various	J	Linear range exceeded
HBMP-R06-01WS-01-ADLT-250102	PCBs	PCB-180/193	781000 pg/g	781000J pg/g	Linear range exceeded; IS %R
HBMP-R06-01WS-04-ADLT-250102	PCBs	PCB-180/193	640000 pg/g	640000J pg/g	Linear range exceeded; IS %R
HBMP-R06-01WS-05-ADLT-250102	PCBs	PCB-003	5.39U pg/g	5.39UJ pg/g	LD RPD or difference above CL
HBMP-R06-01WS-05-ADLT-250102	PCBs	PCB-058	1000 pg/g	1000J pg/g	LD RPD or difference above CL
HBMP-R06-01WS-05-ADLT-250102	PCBs	PCB-083	25100 pg/g	25100J pg/g	LD RPD or difference above CL, linear range exceeded
HBMP-R06-01WS-05-ADLT-250102	PCBs	PCB-127	1190 pg/g	1190J pg/g	LD RPD or difference above CL
HBMP-R06-01WS-05-ADLT-250102	PCBs	PCB-180/193	602000 pg/g	602000J pg/g	Linear range exceeded; IS %R
HBMP-R06-01WS-07-ADLT-250102	PCBs	PCB-180/193	563000 pg/g	563000J pg/g	Linear range exceeded; IS %R
HBMP-R06-01WS-09-ADLT-250102	PCBs	PCB-011	7.31B pg/g	7.31U pg/g	MB contamination
HBMP-R06-01WS-09-ADLT-250102	PCBs	PCB-180/193	532000 pg/g	532000J pg/g	Linear range exceeded; IS %R
HBMP-R06-01WS-10-ADLT-250102	PCBs	PCB-180/193	597000 pg/g	597000J pg/g	Linear range exceeded; IS %R
HBMP-R07D-01WS-01-ADLT-250102	PCBs	PCB-011	6.4B pg/g	6.4U pg/g	MB contamination
HBMP-R07D-01WS-02-ADLT-250102	PCBs	PCB-011	7.18B pg/g	7.18U pg/g	MB contamination
HBMP-R07D-01WS-03-ADLT-250102	PCBs	PCB-180/193	616000 pg/g	616000J pg/g	Linear range exceeded; IS %R
HBMP-R07D-01WS-04-ADLT-250102	PCBs	PCB-011	6.52B pg/g	6.52U pg/g	MB contamination

HBMP-R07D-01WS-04-ADLT-250102	PCBs	PCB-180/193	698000 pg/g	698000J pg/g	Linear range exceeded; IS %R
HBMP-R07D-01WS-05-ADLT-250102	PCBs	PCB-011	8.36B pg/g	8.36U pg/g	MB contamination
HBMP-R07D-01WS-06-ADLT-250102	PCBs	PCB-011	9.31B pg/g	9.31U pg/g	MB contamination
HBMP-R07D-01WS-06-ADLT-250102	PCBs	PCB-180/193	477000 pg/g	477000J pg/g	Linear range exceeded; IS %R
HBMP-R07D-01WS-07-ADLT-250102	PCBs	PCB-180/193	615000 pg/g	615000J pg/g	Linear range exceeded; IS %R
HBMP-R07D-01WS-08-ADLT-250102	PCBs	PCB-011	6.05B pg/g	6.05U pg/g	MB contamination
HBMP-R07D-01WS-08-ADLT-250102	PCBs	PCB-180/193	685000 pg/g	685000J pg/g	Linear range exceeded; IS %R
HBMP-R07D-01WS-09-ADLT-250102	PCBs	PCB-011	5.9B pg/g	5.9U pg/g	MB contamination
HBMP-R07D-01WS-10-ADLT-250102	PCBs	PCB-011	5.35B pg/g	5.35U pg/g	MB contamination
HBMP-R08-01WS-04-ADLT-250102	PCBs	PCB-011	4.94B pg/g	4.94U pg/g	MB contamination
HBMP-R11-01SB-01-ADLT-240917	PCBs	PCB-011	3.3B pg/g	3.3U pg/g	MB contamination
HBMP-R11-01SB-02-ADLT-240917	PCBs	PCB-037	14.7U pg/g	14.7UJ pg/g	LD RPD or difference above CL
HBMP-R11-01SB-02-ADLT-240917	PCBs	PCB-043	8.95U pg/g	8.95UJ pg/g	LD RPD or difference above CL
HBMP-R11-01SB-02-ADLT-240917	PCBs	PCB-058	178 pg/g	178J pg/g	LD RPD or difference above CL
HBMP-R11-01SB-02-ADLT-240917	PCBs	PCB-078	64 pg/g	64J pg/g	LD RPD or difference above CL
HBMP-R11-01SB-02-ADLT-240917	PCBs	PCB-082	547 pg/g	547J pg/g	LD RPD or difference above CL
HBMP-R11-01SB-02-ADLT-240917	PCBs	PCB-089	22.9 pg/g	22.9J pg/g	LD RPD or difference above CL
HBMP-R11-01SB-02-ADLT-240917	PCBs	PCB-112	91.8 pg/g	91.8J pg/g	LD RPD or difference above CL
HBMP-R11-01SB-02-ADLT-240917	PCBs	PCB-196	7170 pg/g	7170J pg/g	LD RPD or difference above CL, linear range exceeded
HBMP-R11-01SB-02-ADLT-240917	PCBs	PCB-198/199	17900 pg/g	17900J pg/g	LD RPD or difference above CL, linear range exceeded
HBMP-R11-01SB-02-ADLT-240917	PCBs	PCB-201	2060 pg/g	2060J pg/g	LD RPD or difference above CL
HBMP-R11-01SB-02-ADLT-240917	PCBs	PCB-202	4450 pg/g	4450J pg/g	LD RPD or difference above CL, linear range exceeded
HBMP-R11-01SB-02-ADLT-240917	PCBs	PCB-203	11200 pg/g	11200J pg/g	LD RPD or difference above CL, linear range exceeded

HBMP-R11-01SB-05-ADLT-240917	PCBs	PCB-011	3.72B pg/g	3.72U pg/g	MB contamination
HBMP-R11-01SB-09-ADLT-240917	PCBs	PCB-011	4.22B pg/g	4.22U pg/g	MB contamination
HBMP-R15-01BB-01-ADLT-240913	PCBs	PCB-011	5.32B pg/g	5.32U pg/g	MB contamination
HBMP-R15-01BB-01-ADLT-240913	PCBs	PCB-169	127 pg/g	127J pg/g	OPR %R below CL
HBMP-R15-01BB-02-ADLT-240913	PCBs	PCB-011	5.36B pg/g	5.36U pg/g	MB contamination
HBMP-R15-01BB-02-ADLT-240913	PCBs	PCB-169	165 pg/g	165J pg/g	OPR %R below CL
HBMP-R15-01BB-03-ADLT-240913	PCBs	PCB-011	5.14B pg/g	5.14U pg/g	MB contamination
HBMP-R15-01BB-03-ADLT-240913	PCBs	PCB-170	10000 pg/g	10000J pg/g	Linear range exceeded; IS %R above CL
HBMP-R15-01BB-03-ADLT-240913	PCBs	PCB-180/193	30100 pg/g	30100J pg/g	Linear range exceeded; IS %R
HBMP-R15-01BB-03-ADLT-240913	PCBs	PCB-189	345 pg/g	345 pg/g	IS %R above CL
HBMP-R15-01BB-05-ADLT-240913	PCBs	PCB-011	5.22B pg/g	5.22U pg/g	MB contamination
HBMP-R15-01BB-05-ADLT-240913	PCBs	PCB-169	518 pg/g	518J pg/g	OPR %R below CL
HBMP-R15-01BB-06-ADLT-240913	PCBs	PCB-011	3.73B pg/g	3.73U pg/g	MB contamination
HBMP-R15-01BB-06-ADLT-240913	PCBs	PCB-169	272 pg/g	272J pg/g	OPR %R below CL
HBMP-R15-01BB-07-ADLT-240913	PCBs	PCB-011	6.13B pg/g	6.13U pg/g	MB contamination
HBMP-R15-01BB-07-ADLT-240913	PCBs	PCB-169	44.9 pg/g	44.9J pg/g	OPR %R below CL
HBMP-R15-01BB-08-ADLT-240913	PCBs	PCB-011	4.13B pg/g	4.13U pg/g	MB contamination
HBMP-R15-01BB-08-ADLT-240913	PCBs	PCB-169	112 pg/g	112J pg/g	OPR %R below CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-004	123 pg/g	123J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-006	12.8 pg/g	12.8J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-008	39.8 pg/g	39.8J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-010	13.4 pg/g	13.4J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-011	4.42B pg/g	4.42U pg/g	MB contamination

HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-016	48.8 pg/g	48.8J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-017	145 pg/g	145J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-018/030	105 pg/g	105J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-019	27.2 pg/g	27.2J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-020/028	428 pg/g	428J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-021/033	27.7 pg/g	27.7J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-022	67.2 pg/g	67.2J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-025	27.7 pg/g	27.7J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-026/029	80.6 pg/g	80.6J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-027	45.6 pg/g	45.6J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-031	137 pg/g	137J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-032	61.1 pg/g	61.1J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-040/071	176 pg/g	176J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-041	10.3 pg/g	10.3J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-042	145 pg/g	145J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-043	12.6 pg/g	12.6J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-044/047/065	2400 pg/g	2400J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-045	33.7 pg/g	33.7J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-046	24.1 pg/g	24.1J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-048	24.8 pg/g	24.8J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-049/069	898 pg/g	898J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-052	558 pg/g	558J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-054	23.3 pg/g	23.3J pg/g	LD RPD or difference above CL

HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-056	95.2 pg/g	95.2J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-058	14.1 pg/g	14.1J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-059/062/075	91.4 pg/g	91.4J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-060	50.4 pg/g	50.4J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-061/070/074/076	416 pg/g	416J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-063	48 pg/g	48J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-064	185 pg/g	185J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-066	599 pg/g	599J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-068	86.2 pg/g	86.2J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-072	58.4 pg/g	58.4J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-073	29.1 pg/g	29.1J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-077	12.2 pg/g	12.2J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-079	25.6 pg/g	25.6J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-082	132 pg/g	132J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-083	130 pg/g	130J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-084	316 pg/g	316J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-085/116	372 pg/g	372J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-086/087/097/109/119/125	1440 pg/g	1440J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-090/101/113	2420 pg/g	2420J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-091	246 pg/g	246J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-092	1380 pg/g	1380J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-093/100	289 pg/g	289J pg/g	LD RPD or difference above CL

HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-094	45.4 pg/g	45.4J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-095	1350 pg/g	1350J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-096	17.9 pg/g	17.9J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-099	1310 pg/g	1310J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-102	9.2 pg/g	9.2J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-103	136 pg/g	136J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-104	8.72 pg/g	8.72J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-105	953 pg/g	953J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-107	376 pg/g	376J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-108/124	58.2 pg/g	58.2J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-110	2300 pg/g	2300J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-111	38.7 pg/g	38.7J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-114	71.5 pg/g	71.5J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-117	185 pg/g	185J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-118	2660 pg/g	2660J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-120	111 pg/g	111J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-121	18 pg/g	18J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-122	27.5 pg/g	27.5J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-123	58 pg/g	58J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-126	12.3 pg/g	12.3J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-128/166	1900 pg/g	1900J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-129/138/163	16200 pg/g	16200J pg/g	LD RPD or difference above CL, linear range exceeded
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-130	1210 pg/g	1210J pg/g	LD RPD or difference above CL

HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-131	1.36U pg/g	1.36UJ pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-132	1650 pg/g	1650J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-133	576 pg/g	576J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-134	405 pg/g	405J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-135/151	4350 pg/g	4350J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-136	734 pg/g	734J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-137	399 pg/g	399J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-139/140	158 pg/g	158J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-141	2560 pg/g	2560J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-144	318 pg/g	318J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-146	5510 pg/g	5510J pg/g	LD RPD or difference above CL, linear range exceeded
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-147/149	7760 pg/g	7760J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-148	118 pg/g	118J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-150	25.7 pg/g	25.7J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-152	14.9 pg/g	14.9J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-153/168	5860 pg/g	5860J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-154	316 pg/g	316J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-156/157	845 pg/g	845J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-158	1090 pg/g	1090J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-159	236 pg/g	236J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-162	109 pg/g	109J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-164	1010 pg/g	1010J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-165	62.9 pg/g	62.9J pg/g	LD RPD or difference above CL

HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-167	621 pg/g	621J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-169	97.3 pg/g	97.3J pg/g	OPR %R below CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-170	5850 pg/g	5850J pg/g	LD RPD or difference above CL, linear range exceeded
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-171/173	1680 pg/g	1680J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-172	1580 pg/g	1580J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-174	4300 pg/g	4300J pg/g	LD RPD or difference above CL, linear range exceeded
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-175	331 pg/g	331J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-176	342 pg/g	342J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-177	3900 pg/g	3900J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-178	2330 pg/g	2330J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-179	1420 pg/g	1420J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-180/193	19000 pg/g	19000J pg/g	LD RPD or difference above CL, linear range exceeded
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-181	46.4 pg/g	46.4J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-182	81.1 pg/g	81.1J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-183	2940 pg/g	2940J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-185	900 pg/g	900J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-187	15100 pg/g	15100J pg/g	LD RPD or difference above CL, linear range exceeded
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-188	35.8 pg/g	35.8J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-189	234 pg/g	234J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-190	1620 pg/g	1620J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-191	295 pg/g	295J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-194	3020 pg/g	3020J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-195	1490 pg/g	1490J pg/g	LD RPD or difference above CL

HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-196	2230 pg/g	2230J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-197	148 pg/g	148J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-198/199	4990 pg/g	4990J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-200	370 pg/g	370J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-201	657 pg/g	657J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-202	741 pg/g	741J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-203	3710 pg/g	3710J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-205	221 pg/g	221J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-206	897 pg/g	897J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-207	157 pg/g	157J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-208	261 pg/g	261J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-09-ADLT-240913	PCBs	PCB-209	225 pg/g	225J pg/g	LD RPD or difference above CL
HBMP-R15-01BB-10-ADLT-240913	PCBs	PCB-011	3.38B pg/g	3.38U pg/g	MB contamination
HBMP-R15-01BB-10-ADLT-240913	PCBs	PCB-169	47.8 pg/g	47.8J pg/g	OPR %R below CL

Note:
pg/g: picogram per gram

References

GE-Pittsfield/Housatonic River Site (GECD900) Second Revised Field Sampling Plan/Quality Assurance Project Plan (QAPP). December 2023.

USEPA, 1986. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods*. Office of Solid Waste and Emergency Response. EPA-530/SW-846.

USEPA 2020a. National Functional Guidelines for Superfund Organic Methods Data Review. Office of Superfund Remediation and Technology Innovation. EPA-540-R-20-005. November 2020.

USEPA 2020b. National Functional Guidelines for Inorganic Superfund Methods Data Review. Office of Superfund Remediation and Technology Innovation. EPA-542-R-20-006. November 2020.

1201 3rd Avenue, Suite 2600
Seattle, Washington 98101
206.287.9130

ANCHOR QEA

Data Validation Report – EPA Stage 2A

September 9, 2025

Project: Housatonic Baseline Monitoring

Project Number: 190469-01.03

Validation ID: AQ-2025-0136

This report summarizes the review of analytical results for 56 fish tissue samples collected between September 10, 2024, and January 02, 2025. The samples were collected by Anchor QEA and submitted to SGS North America (SGS) in Wilmington, North Carolina. The samples were analyzed for polychlorinated biphenyl congeners (PCBs) by U.S. Environmental Protection Agency (USEPA) method 1668C.

SGS sample delivery groups (SDGs) C1738, C1739, and C1740 were reviewed in this report. Sample IDs and analyses are presented in Table 1.

Table 1
Sample IDs, Matrices, and Analyses

Sample ID	Lab Sample ID	Matrix	Analyses
HBMP-R05C-01LB-01-ADLT-240910	C1738_22266_PCB_007-D10	Tissue	PCB congeners
HBMP-R05C-01LB-01-ADLT-240911	C1738_22266_PCB_003-D10	Tissue	PCB congeners
HBMP-R05C-01LB-02-ADLT-240910	C1738_22266_PCB_001-D10	Tissue	PCB congeners
HBMP-R05C-01LB-02-YOY-240910	C1738_22266_PCB_011-D10	Tissue	PCB congeners
HBMP-R05C-01LB-03-ADLT-240910	C1738_22266_PCB_005-D10	Tissue	PCB congeners
HBMP-R05C-01LB-03-YOY-240910	C1738_22266_PCB_012-D10	Tissue	PCB congeners
HBMP-R05C-01LB-04-ADLT-240910	C1738_22266_PCB_002-D10	Tissue	PCB congeners
HBMP-R05C-01LB-04-YOY-240910	C1738_22266_PCB_013-D10	Tissue	PCB congeners
HBMP-R05C-01LB-05-ADLT-240910	C1738_22266_PCB_010-D10	Tissue	PCB congeners
HBMP-R05C-01LB-05-YOY-240910	C1738_22266_PCB_015-D10	Tissue	PCB congeners
HBMP-R05C-01LB-06-ADLT-240910	C1738_22266_PCB_004-D10	Tissue	PCB congeners
HBMP-R05C-01LB-06-YOY-240910	C1738_22266_PCB_014-D10	Tissue	PCB congeners

Sample ID	Lab Sample ID	Matrix	Analyses
HBMP-R05C-01LB-07-ADLT-240910	C1738_22266_PCB_008-D10	Tissue	PCB congeners
HBMP-R05C-01LB-07-YOY-240910	C1738_22266_PCB_016-D10	Tissue	PCB congeners
HBMP-R05C-01LB-08-ADLT-240910	C1738_22266_PCB_009-D10	Tissue	PCB congeners
HBMP-R05C-01LB-09-ADLT-240910	C1738_22266_PCB_006-D10	Tissue	PCB congeners
HBMP-R05C-01WS-01-ADLT-250102	C1738_22266_PCB_020-D10	Tissue	PCB congeners
HBMP-R05C-01WS-02-ADLT-250102	C1739_22343_PCB_001-R1	Tissue	PCB congeners
HBMP-R05C-01WS-03-ADLT-250102	C1738_22266_PCB_017-D10	Tissue	PCB congeners
HBMP-R05C-01WS-04-ADLT-250102	C1738_22266_PCB_018-D10	Tissue	PCB congeners
HBMP-R05C-01WS-05-ADLT-250102	C1739_22343_PCB_002-R1	Tissue	PCB congeners
HBMP-R05C-01WS-06-ADLT-250102	C1739_22343_PCB_003-R1	Tissue	PCB congeners
HBMP-R05C-01WS-07-ADLT-250102	C1739_22343_PCB_004-R1	Tissue	PCB congeners
HBMP-R05C-01WS-08-ADLT-250102	C1738_22266_PCB_019-D10	Tissue	PCB congeners
HBMP-R06-01LB-01-YOY-240911	C1739_22267_PCB_013	Tissue	PCB congeners
HBMP-R06-01LB-02-ADLT-240912	C1739_22343_PCB_011-R1	Tissue	PCB congeners
HBMP-R06-01LB-03-ADLT-240911	C1739_22343_PCB_008-R1	Tissue	PCB congeners
HBMP-R06-01LB-03-ADLT-240912	C1739_22343_PCB_007-R1	Tissue	PCB congeners
HBMP-R06-01LB-03-YOY-240911	C1739_22343_PCB_012-R1	Tissue	PCB congeners
HBMP-R06-01LB-04-ADLT-240911	C1739_22343_PCB_005-R1	Tissue	PCB congeners
HBMP-R06-01LB-05-ADLT-240911	C1739_22343_PCB_006-R1	Tissue	PCB congeners
HBMP-R06-01LB-06-ADLT-240911	C1739_22343_PCB_009-R1	Tissue	PCB congeners
HBMP-R06-01LB-07-ADLT-240911	C1739_22343_PCB_010-R1	Tissue	PCB congeners
HBMP-R06-01LB-07-YOY-240911	C1739_22343_PCB_014-R1	Tissue	PCB congeners
HBMP-R11-01SB-05-YOY-241002	C1739_22343_PCB_015-R1	Tissue	PCB congeners

Sample ID	Lab Sample ID	Matrix	Analyses
HBMP-R11-01SB-08-YOY-241002	C1739_22343_PCB_016-R1	Tissue	PCB congeners
HBMP-R11-01SB-10-YOY-241002	C1739_22343_PCB_017-R1	Tissue	PCB congeners
HBMP-R11-01SB-12-YOY-241002	C1739_22343_PCB_018-R1	Tissue	PCB congeners
HBMP-R11-01SB-13-YOY-241002	C1739_22343_PCB_020-R1	Tissue	PCB congeners
HBMP-R11-01SB-14-YOY-241002	C1739_22343_PCB_019-R1	Tissue	PCB congeners
HBMP-R11-01WS-01-ADLT-250102	C1740_22285_PCB_006-D10	Tissue	PCB congeners
HBMP-R11-01WS-02-ADLT-250102	C1740_22285_PCB_001-D10	Tissue	PCB congeners
HBMP-R11-01WS-03-ADLT-250102	C1740_22285_PCB_002-D10	Tissue	PCB congeners
HBMP-R11-01WS-04-ADLT-250102	C1740_22285_PCB_007-D10	Tissue	PCB congeners
HBMP-R11-01WS-05-ADLT-250102	C1740_22285_PCB_008-D10	Tissue	PCB congeners
HBMP-R11-01WS-06-ADLT-250102	C1740_22285_PCB_003-D10	Tissue	PCB congeners
HBMP-R11-01WS-07-ADLT-250102	C1740_22285_PCB_004-D10	Tissue	PCB congeners
HBMP-R11-01WS-08-ADLT-250102	C1740_22285_PCB_009-D10	Tissue	PCB congeners
HBMP-R11-01WS-09-ADLT-250102	C1740_22285_PCB_010-D10	Tissue	PCB congeners
HBMP-R11-01WS-10-ADLT-250102	C1740_22285_PCB_005-D10	Tissue	PCB congeners
HBMP-R15-01BB-04-ADLT-240913	C1740_22285_PCB_016-D10	Tissue	PCB congeners
HBMP-R15-01NP-03-ADLT-240913	C1740_22285_PCB_011-D10	Tissue	PCB congeners
HBMP-R15-01NP-04-ADLT-240913	C1740_22285_PCB_013-D10	Tissue	PCB congeners
HBMP-R15-01NP-05-ADLT-240913	C1740_22285_PCB_014-D10	Tissue	PCB congeners
HBMP-R15-01NP-08-ADLT-240913	C1740_22285_PCB_015-D10	Tissue	PCB congeners
HBMP-R15-01NP-09-ADLT-240913	C1740_22285_PCB_012-D10	Tissue	PCB congeners

Data Validation and Qualifications

The following comments refer to the laboratory's performance in meeting the quality assurance/quality control (QA/QC) guidelines outlined in the analytical procedures. Laboratory results were reviewed using the following guidelines:

- Arcadis Quality Assurance Project Plan (QAPP; GE-Pittsfield/Housatonic River Site (GECD900) Second Revised Field Sampling Plan/Quality Assurance Project Plan 2023)
- *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods* (SW-846, Third Edition; USEPA 1986)
- *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA 2020a)
- *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA 2020b)

Unless noted in this report, laboratory results for the samples listed above were within QC criteria.

Field Documentation

Field documentation was checked for completeness and accuracy. The chain-of-custody forms were signed by SGS at the time of sample receipt; the samples were received in good condition and frozen at the time of receipt.

Sample Preservation and Hold time

Samples were appropriately preserved and analyzed within project specified hold times.

Laboratory Method Blanks

Laboratory method blanks were analyzed at the required frequencies and were free of target analytes with some exceptions. Almost all sample results were significantly greater than (greater than five times) the level detected in the blank so only PCB-011 was qualified "U" as non-detect in 37 samples. A summary of qualifiers is listed in Table 2.

Field Quality Control

No field quality control samples were collected in association with this SDG.

Surrogate and Internal Standard Recoveries

Surrogates and internal standards (IS) were added to all samples at the required frequency. Surrogate recoveries were not evaluated for samples analyzed at dilutions of 5 or greater since accurate quantification is not possible at elevated dilutions. Surrogates recovered within project-required control limits except for PCB-111-C13 in sample HBMP-R06-01LB-01-YOY-240911 which recovered above the control limit. The associated result was qualified "J" to indicate high bias. Internal standards recovered within laboratory control limits except for 27 extraction standards in 15

samples which were above the control limit. Associated congener and co-eluting congeners were qualified "J" to indicate a high bias.

Ongoing Precision and Recovery

Ongoing precision and recovery (OPR) samples were analyzed at the required frequency. All OPR recoveries were within method control limits except for PCB-169 in OPR batch 22267 which recovered above the control limit. One associated batch sample result was non-detect so results were not impacted.

Matrix Spike and Matrix Spike Duplicate Samples

Matrix spike samples were not analyzed for these samples since this is an isotope dilution method and labeled compounds were added to every sample.

Laboratory Duplicates

Laboratory duplicates were analyzed at the required frequency against a 30% RPD as the control limit. When one result was less than five times the RL, they were evaluated by the difference between them using a control limit of ±2x RL. Laboratory duplicate RPD or difference values were within project-required control limits except for nine PCB congeners in sample HBMP-R05C-01LB-02-ADLT-240910, three congeners in HBMP-R05C-01WS-05-ADLT-250102 and 11 congeners for HBMP-R15-01NP-08-ADLT-240913. Associated parent sample results were qualified "UJ" or "J" to indicate they are estimated.

Estimated Maximum Possible Concentration

Results indicated as estimated maximum possible concentration (EMPC) have been qualified "J" to indicate they are estimated.

Compound Quantitation

Samples were analyzed at an initial dilution of 5X or 10X due to expected elevated concentrations of target analytes. The laboratory indicated that some samples had PCB concentrations that exceeded the linear range of calibration or saturated signal responses indicating high levels of target analytes. Associated samples were qualified "J" to indicate results may be biased low.

Method Detection and Reporting Limits

Detection and reporting limits were acceptable as reported and all screening levels were met. All values were reported using the laboratory detection limits and results detected below the reporting

limit were reported to the MDLs as estimated values. Values were reported as undiluted or when diluted, the detection and reporting limits reflect the dilution factor.

Overall Assessment

As was determined by this evaluation, the laboratory followed the specified analytical methods and all requested sample analyses were completed. Accuracy was acceptable as demonstrated by the OPR recovery values and precision was acceptable as demonstrated by the laboratory duplicate RPD values with exceptions noted above. All data are acceptable as reported or qualified. Completeness goals were met at greater than 99%. Table 2 summarizes the qualifiers applied to the sample results reviewed in this report.

Data Qualifier Definitions

J Indicates an estimated value

U Indicates the compound or analyte was analyzed for but not detected at or above the specified limit.

UJ Indicates the compound or analyte was analyzed for but not detected and the specified limit reported is estimated.

Table 2
Data Qualification Summary

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
All Samples	PCBs	Various	Various	J	EMPC
All Samples	PCBs	Various	Various	J	Linear range exceeded
HBMP-R05C-01LB-01-ADLT-240910	PCBs	PCB-011	5.12 pg/g	5.12U pg/g	MB contamination
HBMP-R05C-01LB-01-ADLT-240911	PCBs	PCB-180/193	987000 pg/g	987000J pg/g	Linear range exceeded, IS %R above CL
HBMP-R05C-01LB-02-ADLT-240910	PCBs	PCB-005	6.49 pg/g	6.49J pg/g	LD RPD or difference above CL
		PCB-020/028	6920 pg/g	6920J pg/g	
		PCB-025	2680 pg/g	2680J pg/g	
		PCB-026/029	3930 pg/g	3930J pg/g	
		PCB-031	2530 pg/g	2530J pg/g	
		PCB-034	115 pg/g	115J pg/g	
		PCB-054	8440 pg/g	8440J pg/g	LD RPD or difference above CL, linear range exceeded

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
		PCB-083	5890 pg/g	5890J pg/g	LD RPD or difference above CL, linear range exceeded
		PCB-145	45.8 pg/g	45.8J pg/g	LD RPD or difference above CL
HBMP-R05C-01LB-02-YOY-240910	PCBs	PCB-044/047/065	964000EMPC pg/g	964000J pg/g	EMPC, linear range exceeded
	PCBs	PCB-180/193	776000 pg/g	776000J pg/g	Linear range exceeded, IS %R above CL
HBMP-R05C-01LB-04-YOY-240910	PCBs	PCB-180/193	762000 pg/g	762000J pg/g	Linear range exceeded, IS %R above CL
HBMP-R05C-01LB-05-YOY-240910	PCBs	PCB-011	9.34 pg/g	9.34U pg/g	MB contamination
	PCBs	PCB-180/193	764000 pg/g	764000J pg/g	Linear range exceeded, IS %R above CL
HBMP-R05C-01LB-06-YOY-240910	PCBs	PCB-180/193	695000 pg/g	695000J pg/g	Linear range exceeded, IS %R above CL
HBMP-R05C-01LB-07-ADLT-240910	PCBs	PCB-180/193	789000 pg/g	789000J pg/g	Linear range exceeded, IS %R above CL
HBMP-R05C-01LB-09-ADLT-240910	PCBs	PCB-180/193	727000 pg/g	727000J pg/g	Linear range exceeded, IS %R above CL
HBMP-R05C-01WS-01-ADLT-250102	PCBs	PCB-011	11 pg/g	11U pg/g	MB contamination
HBMP-R05C-01WS-02-ADLT-250102	PCBs	PCB-011	9.28 pg/g	9.28U pg/g	MB contamination
HBMP-R05C-01WS-03-ADLT-250102	PCBs	PCB-011	9.43 pg/g	9.43U pg/g	MB contamination
HBMP-R05C-01WS-04-ADLT-250102	PCBs	PCB-011	6.37 pg/g	6.37U pg/g	MB contamination
HBMP-R05C-01WS-05-ADLT-250102	PCBs	PCB-011	10 pg/g	10U pg/g	MB contamination
		PCB-024	78.8 pg/g	78.8J pg/g	LD RPD or difference above CL
		PCB-098	2400 pg/g	2400J pg/g	
		PCB-186	7.63U pg/g	7.63UJ pg/g	
HBMP-R05C-01WS-06-ADLT-250102	PCBs	PCB-011	9.63 pg/g	9.63U pg/g	MB contamination
HBMP-R05C-01WS-07-ADLT-250102	PCBs	PCB-011	10 pg/g	10U pg/g	MB contamination
HBMP-R05C-01WS-08-ADLT-250102	PCBs	PCB-011	5.27 pg/g	5.27U pg/g	MB contamination
HBMP-R06-01LB-01-YOY-240911	PCBs	PCB-011	17.1 pg/g	17.1U pg/g	MB contamination

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
		PCB-037	599 pg/g	599J pg/g	IS %R above CL
		PCB-044/047/065	383000EMPC pg/g	383000J pg/g	EMPC, linear range exceeded
		PCB-077	2170 pg/g	2170J pg/g	IS %R above CL
		PCB-090/101/113	333000EMPC pg/g	333000J pg/g	EMPC, linear range exceeded
		PCB-111	5950 pg/g	5950J pg/g	Linear range exceeded, IS %R above CL, surrogate %R outside CL
		PCB-114	4350 pg/g	4350J pg/g	Linear range exceeded, IS %R above CL
		PCB-115	77100EMPC pg/g	77100J pg/g	EMPC, linear range exceeded
		PCB-118	219000 pg/g	219000J pg/g	Linear range exceeded, IS %R above CL
		PCB-123	5190 pg/g	5190J pg/g	Linear range exceeded, IS %R above CL
		PCB-126	1650 pg/g	1650J pg/g	IS %R above CL
		PCB-170	387000 pg/g	387000J pg/g	Linear range exceeded, IS %R above CL
		PCB-180/193	604000 pg/g	604000J pg/g	
		PCB-189	25100 pg/g	25100J pg/g	
		PCB-205	12500 pg/g	12500J pg/g	
		PCB-206	26300 pg/g	26300J pg/g	
		PCB-208	4510 pg/g	4510J pg/g	
		PCB-209	789 pg/g	789J pg/g	IS %R above CL
HBMP-R06-01LB-02-ADLT-240912	PCBs	PCB-090/101/113	641000EMPC pg/g	641000J pg/g	EMPC, linear range exceeded
HBMP-R06-01LB-03-ADLT-240911	PCBs	PCB-011	4.55 pg/g	4.55U pg/g	MB contamination
HBMP-R06-01LB-03-ADLT-240912	PCBs	PCB-011	5.25EMPC pg/g	5.25UJ pg/g	MB contamination, EMPC
HBMP-R06-01LB-03-YOY-240911	PCBs	PCB-011	14.4 pg/g	14.4U pg/g	MB contamination

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
		PCB-044/047/065	685000EMPC pg/g	685000J pg/g	EMPC, linear range exceeded
		PCB-090/101/113	714000EMPC pg/g	714000J pg/g	EMPC, linear range exceeded
HBMP-R06-01LB-04-ADLT-240911	PCBs	PCB-011	5.3 pg/g	5.3U pg/g	MB contamination
HBMP-R06-01LB-05-ADLT-240911	PCBs	PCB-011	5.67 pg/g	5.67U pg/g	MB contamination
HBMP-R06-01LB-06-ADLT-240911	PCBs	PCB-011	5.23EMPC pg/g	5.23UJ pg/g	MB contamination, EMPC
	PCBs	PCB-090/101/113	633000EMPC pg/g	633000J pg/g	EMPC, linear range exceeded
HBMP-R06-01LB-07-ADLT-240911	PCBs	PCB-011	5.65 pg/g	5.65U pg/g	MB contamination
HBMP-R06-01LB-07-YOY-240911	PCBs	PCB-011	12.5 pg/g	12.5U pg/g	MB contamination
	PCBs	PCB-090/101/113	598000EMPC pg/g	598000J pg/g	EMPC, linear range exceeded
HBMP-R11-01SB-05-YOY-241002	PCBs	PCB-011	9.79 pg/g	9.79U pg/g	MB contamination
HBMP-R11-01SB-08-YOY-241002	PCBs	PCB-011	7.98 pg/g	7.98U pg/g	MB contamination
HBMP-R11-01SB-10-YOY-241002	PCBs	PCB-011	8.08 pg/g	8.08U pg/g	MB contamination
HBMP-R11-01SB-12-YOY-241002	PCBs	PCB-011	6.9 pg/g	6.9U pg/g	MB contamination
HBMP-R11-01SB-13-YOY-241002	PCBs	PCB-011	8.69EMPC pg/g	8.69UJ pg/g	MB contamination, EMPC
HBMP-R11-01SB-14-YOY-241002	PCBs	PCB-011	8.38 pg/g	8.38U pg/g	MB contamination
HBMP-R11-01WS-01-ADLT-250102	PCBs	PCB-011	6.4 pg/g	6.4U pg/g	MB contamination
HBMP-R11-01WS-02-ADLT-250102	PCBs	PCB-011	7.53 pg/g	7.53U pg/g	MB contamination
HBMP-R11-01WS-04-ADLT-250102	PCBs	PCB-011	8.59 pg/g	8.59U pg/g	MB contamination
HBMP-R11-01WS-05-ADLT-250102	PCBs	PCB-011	8.3 pg/g	8.3U pg/g	MB contamination
HBMP-R11-01WS-06-ADLT-250102	PCBs	PCB-011	8.09 pg/g	8.09U pg/g	MB contamination

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
	PCBs	PCB-180/193	211000 pg/g	211000J pg/g	Linear range exceeded, IS %R above CL
HBMP-R11-01WS-07-ADLT-250102	PCBs	PCB-180/193	486000 pg/g	486000J pg/g	Linear range exceeded, IS %R above CL
HBMP-R11-01WS-08-ADLT-250102	PCBs	PCB-011	7.26 pg/g	7.26U pg/g	MB contamination
	PCBs	PCB-180/193	440000 pg/g	440000J pg/g	Linear range exceeded, IS %R above CL
HBMP-R11-01WS-09-ADLT-250102	PCBs	PCB-011	6.9 pg/g	6.9U pg/g	MB contamination
HBMP-R11-01WS-10-ADLT-250102	PCBs	PCB-011	10.2 pg/g	10.2U pg/g	MB contamination
		PCB-170	114000 pg/g	114000J pg/g	Linear range exceeded, IS %R above CL
		PCB-180/193	350000 pg/g	350000J pg/g	
HBMP-R15-01NP-03-ADLT-240913	PCBs	PCB-011	6.27 pg/g	6.27U pg/g	MB contamination
HBMP-R15-01NP-04-ADLT-240913	PCBs	PCB-011	3.63 pg/g	3.63U pg/g	MB contamination
HBMP-R15-01NP-05-ADLT-240913	PCBs	PCB-011	7.8 pg/g	7.8U pg/g	MB contamination
HBMP-R15-01NP-08-ADLT-240913	PCBs	PCB-024	7.02U pg/g	7.02UJ pg/g	LD RPD or difference above CL
		PCB-058	96.9 pg/g	96.9J pg/g	
		PCB-072	384 pg/g	384J pg/g	
		PCB-078	26.3U pg/g	26.3UJ pg/g	
		PCB-098	19.1U pg/g	19.1UJ pg/g	
		PCB-112	13.6U pg/g	13.6UJ pg/g	
		PCB-122	137 pg/g	137J pg/g	
		PCB-127	15.5U pg/g	15.5UJ pg/g	
		PCB-154	5.76U pg/g	5.76UJ pg/g	
		PCB-165	672 pg/g	672J pg/g	
		PCB-181	271 pg/g	271J pg/g	
HBMP-R15-01NP-09-ADLT-240913	PCBs	PCB-011	5.13 pg/g	5.13U pg/g	MB contamination

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
		PCB-180/193	311000 pg/g	311000J pg/g	Linear range exceeded, IS %R above CL

Notes:
pg/g: picogram per gram
CL: control limit
IS: internal standard
LD: lab duplicate
MB: method blank

References

GE-Pittsfield/Housatonic River Site (GECD900) Second Revised Field Sampling Plan/Quality Assurance Project Plan (QAPP). December 2023.

USEPA, 1986. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods*. Office of Solid Waste and Emergency Response. EPA-530/SW-846.

USEPA 2020a. National Functional Guidelines for Superfund Organic Methods Data Review. Office of Superfund Remediation and Technology Innovation. EPA-540-R-20-005. November 2020.

USEPA 2020b. National Functional Guidelines for Inorganic Superfund Methods Data Review. Office of Superfund Remediation and Technology Innovation. EPA-542-R-20-006. November 2020.

1201 3rd Avenue, Suite 2600
Seattle, Washington 98101
206.287.9130

ANCHOR QEA

Data Validation Report – EPA Stage 2A

October 7, 2025

Project: Housatonic Baseline Monitoring

Project Number: 190469-01.03

Validation ID: AQ-2025-0146

This report summarizes the review of analytical results for 26 fish tissue samples collected between September 11, 2024 and October 02, 2024. The samples were collected by Anchor QEA and submitted to SGS North America (SGS) in Wilmington, North Carolina. The samples were analyzed for polychlorinated biphenyl congeners (PCBs) by U.S. Environmental Protection Agency (USEPA) method 1668C.

SGS sample delivery groups (SDGs) C1856, and C1857 were reviewed in this report. Sample IDs and analyses are presented in Table 1.

Table 1
Sample IDs, Matrices, and Analyses

Sample ID	Lab Sample ID	Matrix	Analyses
HBMP-R05A-01LB-01-ADLT-240911	C1856_22391_PCB_007-D10	Tissue	PCB Congeners
HBMP-R05A-01LB-01-YOY-240911	C1856_22391_PCB_006-D10	Tissue	PCB Congeners
HBMP-R05A-01LB-04-ADLT-240911	C1856_22391_PCB_005-D10	Tissue	PCB Congeners
HBMP-R05A-01LB-04-YOY-240911	C1856_22391_PCB_004-D10	Tissue	PCB Congeners
HBMP-R06-01LB-02-YOY-240911	C1856_22391_PCB_001-D10	Tissue	PCB Congeners
HBMP-R06-01LB-04-YOY-240911	C1856_22391_PCB_002-D10	Tissue	PCB Congeners
HBMP-R06-01LB-05-YOY-240911	C1856_22391_PCB_003-D10	Tissue	PCB Congeners
HBMP-R06-01LB-06-YOY-240911	C1856_22391_PCB_008-D10	Tissue	PCB Congeners
HBMP-R11-01SB-01-YOY-241002	C1856_22391_PCB_010-D10	Tissue	PCB Congeners
HBMP-R11-01SB-03-YOY-241002	C1856_22391_PCB_011-D10	Tissue	PCB Congeners
HBMP-R11-01SB-04-YOY-241002	C1856_22391_PCB_012-D10	Tissue	PCB Congeners
HBMP-R11-01SB-06-YOY-241002	C1856_22391_PCB_013-D10	Tissue	PCB Congeners
HBMP-R11-01SB-07-YOY-241002	C1856_22391_PCB_009-D10	Tissue	PCB Congeners
HBMP-R11-01SB-09-YOY-241002	C1857_22393_PCB_001-D10	Tissue	PCB Congeners
HBMP-R11-01SB-11-YOY-241002	C1857_22393_PCB_002-D10	Tissue	PCB Congeners
HBMP-R14-01NP-01-ADLT-240913	C1857_22393_PCB_006-D10	Tissue	PCB Congeners
HBMP-R14-01NP-01-ADLT-240918	C1857_22393_PCB_011-D10	Tissue	PCB Congeners
HBMP-R14-01NP-02-ADLT-240918	C1857_22393_PCB_012-D10	Tissue	PCB Congeners
HBMP-R14-01NP-03-ADLT-240918	C1857_22393_PCB_007-D10	Tissue	PCB Congeners
HBMP-R14-01NP-04-ADLT-240918	C1857_22393_PCB_013-D10	Tissue	PCB Congeners
HBMP-R14-01NP-05-ADLT-240918	C1857_22393_PCB_008-D10	Tissue	PCB Congeners
HBMP-R14-01NP-07-ADLT-240918	C1857_22393_PCB_009-D10	Tissue	PCB Congeners
HBMP-R14-01NP-09-ADLT-240918	C1857_22393_PCB_010-D10	Tissue	PCB Congeners
HBMP-R14-01SB-01-ADLT-240913	C1857_22393_PCB_003-D10	Tissue	PCB Congeners
HBMP-R14-01SB-01-ADLT-240917	C1857_22393_PCB_005-D10	Tissue	PCB Congeners
HBMP-R14-01SB-02-ADLT-240913	C1857_22393_PCB_004-D10	Tissue	PCB Congeners

Data Validation and Qualifications

The following comments refer to the laboratory's performance in meeting the quality assurance/quality control (QA/QC) guidelines outlined in the analytical procedures. Laboratory results were reviewed using the following guidelines:

- Arcadis Quality Assurance Project Plan (QAPP; GE-Pittsfield/Housatonic River Site (GECD900) Second Revised Field Sampling Plan/Quality Assurance Project Plan 2023)
- *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods* (SW-846, Third Edition; USEPA 1986)
- *National Functional Guidelines for Organic Superfund Methods Data Review* (USEPA 2020a)
- *National Functional Guidelines for Inorganic Superfund Methods Data Review* (USEPA 2020b)

Unless noted in this report, laboratory results for the samples listed above were within QC criteria.

Field Documentation

Field documentation was checked for completeness and accuracy. The chain-of-custody forms were signed by SGS at the time of sample receipt; the samples were received in good condition and frozen at the time of receipt.

Sample Preservation and Hold time

Samples were appropriately preserved and analyzed within project specified hold times.

Laboratory Method Blanks

Laboratory method blanks were analyzed at the required frequencies and were free of target analytes with some exceptions. Almost all sample results were significantly greater than (greater than five times) the level detected in the blank so only PCB-011 was qualified "U" as non-detect in 20 samples. A summary of qualifiers is listed in Table 2.

Field Quality Control

No field quality control samples were collected in association with this SDG.

Surrogate and Internal Standard Recoveries

Surrogates and internal standards (IS) were added to all samples at the required frequency. Surrogate recoveries were not evaluated for samples analyzed at dilutions of 5 or greater since accurate quantification is not possible at elevated dilutions. Surrogates recovered within project-required control limits.

Internal standards recovered within laboratory control limits except for 8 extraction standards in 7 samples which were above the control limit. Associated congener and co-eluting congeners were qualified "J" to indicate a high bias.

Ongoing Precision and Recovery

Ongoing precision and recovery (OPR) samples were analyzed at the required frequency. All OPR recoveries were within method control limits.

Matrix Spike and Matrix Spike Duplicate Samples

Matrix spike samples were not analyzed for these samples since this is an isotope dilution method and labeled compounds were added to every sample.

Laboratory Duplicates

Laboratory duplicates were analyzed at the required frequency against a 30% RPD as the control limit. When one result was less than five times the RL, they were evaluated by the difference between them using a control limit of ± twice the RL. Laboratory duplicate RPD or difference values were within project-required control limits except for ten PCB congeners in samples HBMP-R05A-01LB-04-ADLT-240911, and HBMP-R14-01NP-01-ADLT-240913. Associated parent sample results were qualified "UJ" or "J" to indicate they are estimated.

Estimated Maximum Possible Concentration

Results indicated as estimated maximum possible concentration (EMPC) have been qualified "J" to indicate they are estimated.

Compound Quantitation

All samples in C1856 and C1857 were analyzed at an initial dilution of 10X due to expected elevated concentrations of target analytes. The laboratory indicated that some samples had PCB concentrations that exceeded the linear range of calibration or saturated signal responses indicating high levels of target analytes. Associated samples were qualified "J" to indicate results may be biased low.

Method Detection and Reporting Limits

Detection and reporting limits were acceptable as reported and all screening levels were met. All values were reported using the laboratory detection limits and results detected below the reporting limit were reported to the MDLs as estimated values. Values were reported as diluted, the detection and reporting limits reflect the dilution factor.

Overall Assessment

As was determined by this evaluation, the laboratory followed the specified analytical methods and all requested sample analyses were completed. Accuracy was acceptable as demonstrated by the OPR recovery values and precision was acceptable as demonstrated by the laboratory duplicate RPD values with exceptions noted above. All data are acceptable as reported or qualified. Completeness goals were met at greater than 99%. Table 2 summarizes the qualifiers applied to the sample results reviewed in this report.

Data Qualifier Definitions

J Indicates an estimated value

U Indicates the compound or analyte was analyzed for but not detected at or above the specified limit.

UJ Indicates the compound or analyte was analyzed for but not detected and the specified limit reported is estimated.

Table 2
Data Qualification Summary

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
All Samples	PCBs	Various	Various	J	EMPC
All Samples	PCBs	Various	Various	J	Linear range exceeded
HBMP-R05A-01LB-01-ADLT-240911	PCBs	PCB-011	3.66U pg/g	3.66U pg/g	MB contamination
HBMP-R05A-01LB-01-YOY-240911	PCBs	PCB-011	12.7U pg/g	12.7U pg/g	MB contamination
HBMP-R05A-01LB-01-YOY-240911	PCBs	PCB-180/193	534000 pg/g	534000J pg/g	IS %R above CL; Linear range exceeded
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-005	7.03UJ pg/g	7.03UJ pg/g	LD RPD or difference above CL
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-010	3.93UJ pg/g	3.93UJ pg/g	LD RPD or difference above CL
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-024	48.1J pg/g	48.1J pg/g	LD RPD or difference above CL
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-042	10.3UJ pg/g	10.3UJ pg/g	LD RPD or difference above CL
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-043	8.69UJ pg/g	8.69UJ pg/g	LD RPD or difference above CL

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-045	64800J pg/g	64800J pg/g	LD RPD or difference above CL; Linear range exceeded
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-046	11.2UJ pg/g	11.2UJ pg/g	LD RPD or difference above CL
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-051	12.5UJ pg/g	12.5UJ pg/g	LD RPD or difference above CL
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-058	232UJ pg/g	232UJ pg/g	LD RPD or difference above CL
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-067	231UJ pg/g	231UJ pg/g	LD RPD or difference above CL
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-083	390000J pg/g	390000J pg/g	LD RPD or difference above CL; Linear range exceeded
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-086/087/097/109/119/125	83600J pg/g	83600J pg/g	LD RPD or difference above CL; Linear range exceeded
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-099	569UJ pg/g	569UJ pg/g	LD RPD or difference above CL
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-126	50.4UJ pg/g	50.4UJ pg/g	LD RPD or difference above CL
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-127	453UJ pg/g	453UJ pg/g	LD RPD or difference above CL
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-131	10.4UJ pg/g	10.4UJ pg/g	LD RPD or difference above CL
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-158	7.19UJ pg/g	7.19UJ pg/g	LD RPD or difference above CL
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-165	7.69UJ pg/g	7.69UJ pg/g	LD RPD or difference above CL
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-169	98.3UJ pg/g	98.3UJ pg/g	LD RPD or difference above CL
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-175	54.1UJ pg/g	54.1UJ pg/g	LD RPD or difference above CL
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-180/193	544000 pg/g	544000J pg/g	IS %R above CL; Linear range exceeded
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-182	45.4UJ pg/g	45.4UJ pg/g	LD RPD or difference above CL
HBMP-R05A-01LB-04-ADLT-240911	PCBs	PCB-186	32.5J pg/g	32.5J pg/g	LD RPD or difference above CL

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R05A-01LB-04-YOY-240911	PCBs	PCB-180/193	537000 pg/g	537000J pg/g	IS %R above CL; Linear range exceeded
HBMP-R06-01LB-02-YOY-240911	PCBs	PCB-011	13.9U pg/g	13.9U pg/g	MB contamination
HBMP-R06-01LB-02-YOY-240911	PCBs	PCB-180/193	545000 pg/g	545000J pg/g	IS %R above CL; Linear range exceeded
HBMP-R06-01LB-04-YOY-240911	PCBs	PCB-011	16.9U pg/g	16.9U pg/g	MB contamination
HBMP-R06-01LB-04-YOY-240911	PCBs	PCB-180/193	515000 pg/g	515000J pg/g	IS %R above CL; Linear range exceeded
HBMP-R06-01LB-05-YOY-240911	PCBs	PCB-011	13.3U pg/g	13.3U pg/g	MB contamination
HBMP-R06-01LB-05-YOY-240911	PCBs	PCB-170	376000 pg/g	376000J pg/g	IS %R above CL; Linear range exceeded
HBMP-R06-01LB-05-YOY-240911	PCBs	PCB-180/193	526000 pg/g	526000J pg/g	IS %R above CL; Linear range exceeded
HBMP-R06-01LB-06-YOY-240911	PCBs	PCB-011	16.5U pg/g	16.5U pg/g	MB contamination
HBMP-R06-01LB-06-YOY-240911	PCBs	PCB-180/193	456000 pg/g	456000J pg/g	IS %R above CL; Linear range exceeded
HBMP-R11-01SB-01-YOY-241002	PCBs	PCB-011	7.11U pg/g	7.11U pg/g	MB contamination
HBMP-R11-01SB-03-YOY-241002	PCBs	PCB-011	9.32U pg/g	9.32U pg/g	MB contamination
HBMP-R11-01SB-04-YOY-241002	PCBs	PCB-011	4.37U pg/g	4.37U pg/g	MB contamination
HBMP-R11-01SB-06-YOY-241002	PCBs	PCB-011	6.33U pg/g	6.33U pg/g	MB contamination
HBMP-R11-01SB-07-YOY-241002	PCBs	PCB-011	6.13U pg/g	6.13U pg/g	MB contamination
HBMP-R11-01SB-11-YOY-241002	PCBs	PCB-011	8.67U pg/g	8.67U pg/g	MB contamination
HBMP-R14-01NP-01-ADLT-240913	PCBs	PCB-011	17.9J pg/g	17.9J pg/g	LD RPD or difference above CL

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
HBMP-R14-01NP-01-ADLT-240913	PCBs	PCB-038	9.39UJ pg/g	9.39UJ pg/g	LD RPD or difference above CL
HBMP-R14-01NP-01-ADLT-240913	PCBs	PCB-083	1350J pg/g	1350J pg/g	LD RPD or difference above CL
HBMP-R14-01NP-01-ADLT-240913	PCBs	PCB-127	244J pg/g	244J pg/g	LD RPD or difference above CL
HBMP-R14-01NP-01-ADLT-240913	PCBs	PCB-161	5.7UJ pg/g	5.7UJ pg/g	LD RPD or difference above CL
HBMP-R14-01NP-01-ADLT-240918	PCBs	PCB-011	9.11U pg/g	9.11U pg/g	MB contamination
HBMP-R14-01NP-02-ADLT-240918	PCBs	PCB-011	6.95U pg/g	6.95U pg/g	MB contamination
HBMP-R14-01NP-03-ADLT-240918	PCBs	PCB-011	5.5U pg/g	5.5U pg/g	MB contamination
HBMP-R14-01NP-04-ADLT-240918	PCBs	PCB-011	8.49U pg/g	8.49U pg/g	MB contamination
HBMP-R14-01NP-09-ADLT-240918	PCBs	PCB-011	8.46U pg/g	8.46U pg/g	MB contamination
HBMP-R14-01SB-01-ADLT-240913	PCBs	PCB-011	6.15U pg/g	6.15U pg/g	MB contamination
HBMP-R14-01SB-01-ADLT-240917	PCBs	PCB-011	4.72U pg/g	4.72U pg/g	MB contamination
HBMP-R14-01SB-02-ADLT-240913	PCBs	PCB-011	4.29U pg/g	4.29U pg/g	MB contamination

Notes:
pg/g: picogram per gram
CL: control limit
IS: internal standard
LD: lab duplicate
MB: method blank

References

GE-Pittsfield/Housatonic River Site (GECD900) Second Revised Field Sampling Plan/Quality Assurance Project Plan (QAPP). December 2023.

USEPA, 1986. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods*. Office of Solid Waste and Emergency Response. EPA-530/SW-846.

USEPA 2020a. National Functional Guidelines for Superfund Organic Methods Data Review. Office of Superfund Remediation and Technology Innovation. EPA-540-R-20-005. November 2020.

USEPA 2020b. National Functional Guidelines for Inorganic Superfund Methods Data Review. Office of Superfund Remediation and Technology Innovation. EPA-542-R-20-006. November 2020.

Appendix D
Analytical Data Summary Table (Fish)

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-01-ADLT-241001 2024-10-01 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-01-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-01-YOY-241001 2024-10-01 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-02-ADLT-240911 2024-09-11 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.30 J**	**0.55 J**	**2.5 J**	**3.0 J**	**0.77 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.499 U	0.748 U	2.49 U	1.25 U	0.501 U
Aroclor 1221	SW8082A		0.499 U	0.748 U	2.49 U	1.25 U	0.501 U
Aroclor 1232	SW8082A		0.499 U	0.748 U	2.49 U	1.25 U	0.501 U
Aroclor 1242	SW8082A		0.499 U	0.748 U	2.49 U	1.25 U	0.501 U
Aroclor 1248	SW8082A		0.499 U	0.748 U	2.49 U	1.25 U	0.501 U
Aroclor 1254	SW8082A		0.499 U	**0.748**	2.49 U	1.25 U	0.501 U
Aroclor 1260	SW8082A		**5.24**	**5.89**	**13.1**	**11.4**	**5.29**
Total PCB Aroclors (U = 0 max limit)	Calculated		**5.24**	**5.89**	**13.1**	**11.4**	**5.29**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**5.73**	**6.63**	**15.6**	**12.6**	**5.79**
PCB Congeners (mg/kg)							
PCB-001	E1668C		**0.0000736**	--	**0.000535**	--	--
PCB-002	E1668C		0.00000134 U	--	0.00000311 U	--	--
PCB-003	E1668C		**0.00000612**	--	**0.0000431**	--	--
PCB-004	E1668C		**0.0067 J**	--	**0.0297 J**	--	--
PCB-005	E1668C		0.00000427 U	--	0.00000754 U	--	--
PCB-006	E1668C		**0.000127**	--	**0.00113**	--	--
PCB-007	E1668C		**0.0000113**	--	**0.000076**	--	--
PCB-008	E1668C		**0.000156**	--	**0.00155**	--	--
PCB-009	E1668C		**0.0000222**	--	**0.000185**	--	--
PCB-010	E1668C		**0.000377**	--	**0.00148**	--	--
PCB-011	E1668C		0.00000366 U	--	0.0000127 U	--	--
PCB-012/013	E1668C		**0.0000208**	--	**0.000168**	--	--
PCB-014	E1668C		0.00000403 U	--	0.0000071 U	--	--
PCB-015	E1668C		**0.0000581**	--	**0.000481**	--	--
PCB-016	E1668C		**0.0000539 J**	--	**0.000973**	--	--
PCB-017	E1668C		**0.00235**	--	**0.0229 J**	--	--
PCB-018/030	E1668C		**0.000879**	--	**0.00744**	--	--
PCB-019	E1668C		**0.007 J**	--	**0.0492 J**	--	--
PCB-020/028	E1668C		**0.00187**	--	**0.0158 J**	--	--
PCB-021/033	E1668C		**0.0009**	--	**0.00837 J**	--	--
PCB-022	E1668C		**0.0000952**	--	**0.00125**	--	--
PCB-023	E1668C		0.00000894 U	--	0.0000206 U	--	--
PCB-024	E1668C		**0.00000689**	--	**0.0000546**	--	--
PCB-025	E1668C		**0.000917**	--	**0.00936 J**	--	--
PCB-026/029	E1668C		**0.00106**	--	**0.0139 J**	--	--
PCB-027	E1668C		**0.00146**	--	**0.013 J**	--	--
PCB-031	E1668C		**0.000757**	--	**0.00801 J**	--	--
PCB-032	E1668C		**0.00273**	--	**0.0228 J**	--	--
PCB-034	E1668C		**0.0000525**	--	**0.000259**	--	--
PCB-035	E1668C		0.00000855 U	--	0.0000191 U	--	--
PCB-036	E1668C		0.0000071 U	--	0.0000165 U	--	--
PCB-037	E1668C		**0.0000704**	--	**0.000676**	--	--
PCB-038	E1668C		**0.0000421 J**	--	**0.000318**	--	--
PCB-039	E1668C		0.00000813 U	--	0.0000186 U	--	--
PCB-040/071	E1668C		**0.00422**	--	**0.0418 J**	--	--
PCB-041	E1668C		0.00000595 U	--	0.0000106 U	--	--
PCB-042	E1668C		**0.00142**	--	**0.0182 J**	--	--
PCB-043	E1668C		**0.0000936**	--	**0.00101**	--	--
PCB-044/047/065	E1668C		**0.1 J**	--	**0.679 J**	--	--
PCB-045	E1668C		**0.0025**	--	**0.0171 J**	--	--
PCB-046	E1668C		**0.000437**	--	**0.00507 J**	--	--
PCB-048	E1668C		**0.0000961**	--	**0.00165**	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-01-ADLT-241001 2024-10-01 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-01-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-01-YOY-241001 2024-10-01 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-02-ADLT-240911 2024-09-11 N TA
PCB-049/069	E1668C		**0.0376 J**	--	**0.302 J**	--	--
PCB-050/053	E1668C		**0.0123 J**	--	**0.108 J**	--	--
PCB-051	E1668C		**0.0233 J**	--	**0.255 J**	--	--
PCB-052	E1668C		**0.0174 J**	--	**0.182 J**	--	--
PCB-054	E1668C		**0.00303**	--	**0.0247 J**	--	--
PCB-055	E1668C		0.0000816 U	--	0.000442 U	--	--
PCB-056	E1668C		**0.000288**	--	**0.00278**	--	--
PCB-057	E1668C		**0.0000838**	--	**0.00121**	--	--
PCB-058	E1668C		**0.00144**	--	**0.00221**	--	--
PCB-059/062/075	E1668C		**0.00196**	--	**0.0157 J**	--	--
PCB-060	E1668C		**0.000165**	--	**0.00109**	--	--
PCB-061/070/074/076	E1668C		**0.0035**	--	**0.0354 J**	--	--
PCB-063	E1668C		**0.00066**	--	**0.00442 J**	--	--
PCB-064	E1668C		**0.000797**	--	**0.00971 J**	--	--
PCB-066	E1668C		**0.00627 J**	--	**0.0468 J**	--	--
PCB-067	E1668C		**0.000822**	--	**0.00513 J**	--	--
PCB-068	E1668C		**0.00202**	--	**0.0147 J**	--	--
PCB-072	E1668C		**0.000956**	--	**0.00758 J**	--	--
PCB-073	E1668C		**0.0014**	--	**0.0107 J**	--	--
PCB-077	E1668C		0.0000797 U	--	**0.0011**	--	--
PCB-078	E1668C		**0.0000988**	--	0.000481 U	--	--
PCB-079	E1668C		**0.00049**	--	**0.00253**	--	--
PCB-080	E1668C		0.0000814 U	--	0.000442 U	--	--
PCB-081	E1668C		0.0000903 U	--	0.000492 U	--	--
PCB-082	E1668C		**0.00182**	--	**0.013 J**	--	--
PCB-083	E1668C		**0.0093 J**	--	**0.0595 J**	--	--
PCB-084	E1668C		**0.00325**	--	**0.0396 J**	--	--
PCB-085/116	E1668C		**0.0107 J**	--	**0.0457 J**	--	--
PCB-086/087/097/109/119/125	E1668C		**0.0434 J**	--	**0.243 J**	--	--
PCB-088	E1668C		0.0000872 U	--	0.00236 U	--	--
PCB-089	E1668C		0.0000745 U	--	0.00211 U	--	--
PCB-090/101/113	E1668C		**0.179 J**	--	**0.867 J**	--	--
PCB-091	E1668C		**0.0256 J**	--	**0.191 J**	--	--
PCB-092	E1668C		**0.0396 J**	--	**0.212 J**	--	--
PCB-093/100	E1668C		**0.0361 J**	--	**0.22 J**	--	--
PCB-094	E1668C		**0.00178**	--	**0.0239 J**	--	--
PCB-095	E1668C		**0.0443 J**	--	**0.341 J**	--	--
PCB-096	E1668C		**0.000568**	--	**0.00721 J**	--	--
PCB-098	E1668C		**0.00105**	--	**0.00437 J**	--	--
PCB-099	E1668C		**0.0925 J**	--	**0.294 J**	--	--
PCB-102	E1668C		**0.00183**	--	**0.0271 J**	--	--
PCB-103	E1668C		**0.0123 J**	--	**0.0801 J**	--	--
PCB-104	E1668C		**0.000773**	--	**0.0116 J**	--	--
PCB-105	E1668C		**0.0166 J**	--	**0.0608 J**	--	--
PCB-106	E1668C		0.0000529 U	--	0.00148 U	--	--
PCB-107	E1668C		**0.00539 J**	--	**0.0303 J**	--	--
PCB-108/124	E1668C		**0.0023**	--	**0.0122 J**	--	--
PCB-110	E1668C		**0.0768 J**	--	**0.361 J**	--	--
PCB-111	E1668C		**0.000776**	--	**0.00343**	--	--
PCB-112	E1668C		**0.000268**	--	0.00141 U	--	--
PCB-114	E1668C		**0.00121**	--	**0.00416 J**	--	--
PCB-115	E1668C		0.0000431 U	--	0.00145 U	--	--
PCB-117	E1668C		**0.0069 J**	--	**0.0336 J**	--	--
PCB-118	E1668C		**0.0537 J**	--	**0.205 J**	--	--
PCB-120	E1668C		**0.00179**	--	**0.00862 J**	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-01-ADLT-241001 2024-10-01 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-01-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-01-YOY-241001 2024-10-01 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-02-ADLT-240911 2024-09-11 N TA
PCB-121	E1668C		**0.00101**	--	**0.00546 J**	--	--
PCB-122	E1668C		0.0000591 U	--	**0.0023**	--	--
PCB-123	E1668C		**0.00151**	--	**0.00488 J**	--	--
PCB-126	E1668C		**0.000164**	--	**0.00133**	--	--
PCB-127	E1668C		0.0000516 U	--	0.00144 U	--	--
PCB-128/166	E1668C		**0.0518 J**	--	**0.117 J**	--	--
PCB-129/138/163	E1668C		**0.432 J**	--	**0.514 J**	--	--
PCB-130	E1668C		**0.0137 J**	--	**0.0257 J**	--	--
PCB-131	E1668C		**0.000862**	--	**0.00288**	--	--
PCB-132	E1668C		**0.0313 J**	--	**0.0893 J**	--	--
PCB-133	E1668C		**0.00821 J**	--	**0.0162 J**	--	--
PCB-134	E1668C		**0.00622 J**	--	**0.0211 J**	--	--
PCB-135/151	E1668C		**0.114 J**	--	**0.231 J**	--	--
PCB-136	E1668C		**0.0176 J**	--	**0.121 J**	--	--
PCB-137	E1668C		**0.00595 J**	--	**0.0113 J**	--	--
PCB-139/140	E1668C		**0.0032**	--	**0.00715**	--	--
PCB-141	E1668C		**0.079 J**	--	**0.157 J**	--	--
PCB-142	E1668C		0.00000237 U	--	0.0000126 U	--	--
PCB-143	E1668C		0.00000249 U	--	0.0000111 U	--	--
PCB-144	E1668C		**0.0137 J**	--	**0.0309 J**	--	--
PCB-145	E1668C		0.00000243 U	--	0.0000157 U	--	--
PCB-146	E1668C		**0.0741 J**	--	**0.137 J**	--	--
PCB-147/149	E1668C		**0.287 J**	--	**0.42 J**	--	--
PCB-148	E1668C		**0.0022**	--	**0.00585 J**	--	--
PCB-150	E1668C		**0.00275**	--	**0.0141 J**	--	--
PCB-152	E1668C		**0.000633**	--	**0.00516 J**	--	--
PCB-153/168	E1668C		**0.378 J**	--	**0.458 J**	--	--
PCB-154	E1668C		**0.0104 J**	--	**0.0278 J**	--	--
PCB-155	E1668C		**0.000793**	--	**0.00261**	--	--
PCB-156/157	E1668C		**0.0238 J**	--	**0.0855 J**	--	--
PCB-158	E1668C		**0.0259 J**	--	**0.0518 J**	--	--
PCB-159	E1668C		**0.00712 J**	--	**0.021 J**	--	--
PCB-160	E1668C		0.0000013 U	--	0.00000832 U	--	--
PCB-161	E1668C		0.00000157 U	--	**0.000212**	--	--
PCB-162	E1668C		**0.00152**	--	**0.00626 J**	--	--
PCB-164	E1668C		**0.0207 J**	--	**0.0372 J**	--	--
PCB-165	E1668C		**0.00164**	--	**0.00403 J**	--	--
PCB-167	E1668C		**0.0147 J**	--	**0.055 J**	--	--
PCB-169	E1668C		**0.00246**	--	**0.00708 J**	--	--
PCB-170	E1668C		**0.182 J**	--	**0.467 J**	--	--
PCB-171/173	E1668C		**0.0407 J**	--	**0.0688 J**	--	--
PCB-172	E1668C		**0.0325 J**	--	**0.0545 J**	--	--
PCB-174	E1668C		**0.116 J**	--	**0.205 J**	--	--
PCB-175	E1668C		**0.00582 J**	--	**0.0118 J**	--	--
PCB-176	E1668C		**0.0159 J**	--	**0.0619 J**	--	--
PCB-177	E1668C		**0.0666 J**	--	**0.115 J**	--	--
PCB-178	E1668C		**0.0672 J**	--	**0.173 J**	--	--
PCB-179	E1668C		**0.0283 J**	--	**0.155 J**	--	--
PCB-180/193	E1668C		**0.396 J**	--	**0.534 J**	--	--
PCB-181	E1668C		**0.000954**	--	0.0000546 U	--	--
PCB-182	E1668C		0.0000381 U	--	**0.00183**	--	--
PCB-183	E1668C		**0.0949 J**	--	**0.182 J**	--	--
PCB-184	E1668C		**0.00018**	--	**0.000565**	--	--
PCB-185	E1668C		**0.0196 J**	--	**0.0397 J**	--	--
PCB-186	E1668C		0.0000035 U	--	**0.0000954**	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-01-ADLT-241001 2024-10-01 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-01-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-01-YOY-241001 2024-10-01 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-02-ADLT-240911 2024-09-11 N TA
PCB-187	E1668C		**0.374 J**	--	**0.372 J**	--	--
PCB-188	E1668C		**0.0012**	--	**0.00336**	--	--
PCB-189	E1668C		**0.00639 J**	--	**0.0239 J**	--	--
PCB-190	E1668C		**0.0475 J**	--	**0.122 J**	--	--
PCB-191	E1668C		**0.00675 J**	--	**0.0117 J**	--	--
PCB-192	E1668C		0.000033 U	--	0.0000418 U	--	--
PCB-194	E1668C		**0.0731 J**	--	**0.223 J**	--	--
PCB-195	E1668C		**0.0377 J**	--	**0.096 J**	--	--
PCB-196	E1668C		**0.0597 J**	--	**0.144 J**	--	--
PCB-197	E1668C		**0.00537 J**	--	**0.0116 J**	--	--
PCB-198/199	E1668C		**0.143 J**	--	**0.266 J**	--	--
PCB-200	E1668C		**0.00491 J**	--	**0.0248 J**	--	--
PCB-201	E1668C		**0.0135 J**	--	**0.0346 J**	--	--
PCB-202	E1668C		**0.0156 J**	--	**0.0344 J**	--	--
PCB-203	E1668C		**0.0708 J**	--	**0.189 J**	--	--
PCB-204	E1668C		**0.0000377**	--	**0.0000969**	--	--
PCB-205	E1668C		**0.005 J**	--	**0.0159 J**	--	--
PCB-206	E1668C		**0.0131 J**	--	**0.0405 J**	--	--
PCB-207	E1668C		**0.00254**	--	**0.00615 J**	--	--
PCB-208	E1668C		**0.00206**	--	**0.00614 J**	--	--
PCB-209	E1668C		**0.000525**	--	**0.00114**	--	--
Total PCB Congener (U = 0 max limit)	Calculated		**4.5 J**	--	**12 J**	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		**4.5 J**	--	**12 J**	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-02-ADLT-241001 2024-10-01 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-02-YOY-241001 2024-10-01 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-03-YOY-240911 2024-09-11 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.46 J**	**3.5 J**	**3.9 J**	**0.86 J**	**3.5 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.50 U	2.5 U	1.25 U	1.25 U	2.5 U
Aroclor 1221	SW8082A		0.50 U	2.5 U	1.25 U	1.25 U	2.5 U
Aroclor 1232	SW8082A		0.50 U	2.5 U	1.25 U	1.25 U	2.5 U
Aroclor 1242	SW8082A		0.50 U	2.5 U	1.25 U	1.25 U	2.5 U
Aroclor 1248	SW8082A		0.50 U	2.5 U	1.25 U	1.25 U	2.5 U
Aroclor 1254	SW8082A		0.50 U	2.5 U	1.25 U	1.25 U	2.5 U
Aroclor 1260	SW8082A		**3.55**	**15.4**	**11.1**	**12.4**	**13.2**
Total PCB Aroclors (U = 0 max limit)	Calculated		**3.55**	**15.4**	**11.1**	**12.4**	**13.2**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**4.04**	**17.9**	**12.3**	**13.6**	**15.7**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-02-ADLT-241001 2024-10-01 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-02-YOY-241001 2024-10-01 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-03-YOY-240911 2024-09-11 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-02-ADLT-241001 2024-10-01 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-02-YOY-241001 2024-10-01 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-03-YOY-240911 2024-09-11 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-02-ADLT-241001 2024-10-01 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-02-YOY-241001 2024-10-01 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-03-YOY-240911 2024-09-11 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-04-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-05-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-06-ADLT-240911 2024-09-11 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**3.6 J**	**2.8 J**	**1.3 J**	**2.9 J**	**0.97 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		2.5 U	2.5 U	0.749 U	2.5 U	0.75 U
Aroclor 1221	SW8082A		2.5 U	2.5 U	0.749 U	2.5 U	0.75 U
Aroclor 1232	SW8082A		2.5 U	2.5 U	0.749 U	2.5 U	0.75 U
Aroclor 1242	SW8082A		2.5 U	2.5 U	0.749 U	2.5 U	0.75 U
Aroclor 1248	SW8082A		2.5 U	2.5 U	0.749 U	2.5 U	0.75 U
Aroclor 1254	SW8082A		2.5 U	2.5 U	0.749 U	2.5 U	0.75 U
Aroclor 1260	SW8082A		**20.1**	**15.6**	**12**	**13.9**	**11.8**
Total PCB Aroclors (U = 0 max limit)	Calculated		**20.1**	**15.6**	**12**	**13.9**	**11.8**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**22.6**	**18.1**	**13**	**16.4**	**12.5**
PCB Congeners (mg/kg)							
PCB-001	E1668C		**0.000599**	**0.000527**	--	--	--
PCB-002	E1668C		**0.00000346**	0.00000326 U	--	--	--
PCB-003	E1668C		**0.000056**	**0.0000443**	--	--	--
PCB-004	E1668C		**0.0207 J**	**0.0298 J**	--	--	--
PCB-005	E1668C		0.00000703 UJ	**0.0000242**	--	--	--
PCB-006	E1668C		**0.00114**	**0.00139**	--	--	--
PCB-007	E1668C		**0.0000919**	**0.000107 J**	--	--	--
PCB-008	E1668C		**0.00168**	**0.00193**	--	--	--
PCB-009	E1668C		**0.000196**	**0.000226**	--	--	--
PCB-010	E1668C		0.00000393 UJ	**0.00164**	--	--	--
PCB-011	E1668C		0.00000603 U	0.00000952 U	--	--	--
PCB-012/013	E1668C		**0.000126**	**0.000229**	--	--	--
PCB-014	E1668C		0.00000662 U	0.0000105 U	--	--	--
PCB-015	E1668C		**0.000423**	**0.000635**	--	--	--
PCB-016	E1668C		**0.000895**	**0.00113**	--	--	--
PCB-017	E1668C		**0.0122 J**	**0.0273 J**	--	--	--
PCB-018/030	E1668C		**0.00555**	**0.00853 J**	--	--	--
PCB-019	E1668C		**0.0261 J**	**0.0504 J**	--	--	--
PCB-020/028	E1668C		**0.0103 J**	**0.0182 J**	--	--	--
PCB-021/033	E1668C		**0.00337**	**0.00962 J**	--	--	--
PCB-022	E1668C		**0.000855**	**0.00155**	--	--	--
PCB-023	E1668C		0.0000121 U	0.0000191 U	--	--	--
PCB-024	E1668C		**0.0000481 J**	**0.0000586**	--	--	--
PCB-025	E1668C		**0.00439 J**	**0.0103 J**	--	--	--
PCB-026/029	E1668C		**0.00781**	**0.0152 J**	--	--	--
PCB-027	E1668C		**0.00825 J**	**0.0148 J**	--	--	--
PCB-031	E1668C		**0.00504 J**	**0.00987 J**	--	--	--
PCB-032	E1668C		**0.0117 J**	**0.0234 J**	--	--	--
PCB-034	E1668C		**0.000178**	**0.000301**	--	--	--
PCB-035	E1668C		0.0000113 U	0.0000178 U	--	--	--
PCB-036	E1668C		0.00000973 U	0.0000153 U	--	--	--
PCB-037	E1668C		**0.000419**	**0.000891**	--	--	--
PCB-038	E1668C		**0.000152**	**0.000372**	--	--	--
PCB-039	E1668C		0.0000109 U	0.0000172 U	--	--	--
PCB-040/071	E1668C		**0.0164 J**	**0.057 J**	--	--	--
PCB-041	E1668C		0.0000109 U	0.0000184 U	--	--	--
PCB-042	E1668C		0.0000103 UJ	**0.0255 J**	--	--	--
PCB-043	E1668C		0.00000869 UJ	**0.00129**	--	--	--
PCB-044/047/065	E1668C		**0.34 J**	**0.935 J**	--	--	--
PCB-045	E1668C		**0.0648 J**	**0.0402 J**	--	--	--
PCB-046	E1668C		0.0000112 UJ	**0.00645 J**	--	--	--
PCB-048	E1668C		**0.000747**	**0.00244**	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-04-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-05-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-06-ADLT-240911 2024-09-11 N TA
PCB-049/069	E1668C		**0.156 J**	**0.416 J**	--	--	--
PCB-050/053	E1668C		**0.0509 J**	**0.144 J**	--	--	--
PCB-051	E1668C		0.0000125 UJ	**0.352 J**	--	--	--
PCB-052	E1668C		**0.11 J**	**0.251 J**	--	--	--
PCB-054	E1668C		**0.0101 J**	**0.0273 J**	--	--	--
PCB-055	E1668C		0.000238 U	0.000596 U	--	--	--
PCB-056	E1668C		**0.00153**	**0.00419 J**	--	--	--
PCB-057	E1668C		**0.000457**	**0.00173**	--	--	--
PCB-058	E1668C		0.000232 UJ	**0.00274**	--	--	--
PCB-059/062/075	E1668C		**0.0072**	**0.0217 J**	--	--	--
PCB-060	E1668C		**0.00108**	**0.00166**	--	--	--
PCB-061/070/074/076	E1668C		**0.0205 J**	**0.0515 J**	--	--	--
PCB-063	E1668C		**0.00251**	**0.00622 J**	--	--	--
PCB-064	E1668C		**0.00604 J**	**0.0144 J**	--	--	--
PCB-066	E1668C		**0.0286 J**	**0.0671 J**	--	--	--
PCB-067	E1668C		0.000231 UJ	**0.00637 J**	--	--	--
PCB-068	E1668C		**0.00707 J**	**0.0193 J**	--	--	--
PCB-072	E1668C		**0.00376**	**0.0105 J**	--	--	--
PCB-073	E1668C		**0.00458 J**	**0.0137 J**	--	--	--
PCB-077	E1668C		**0.000545**	**0.00164**	--	--	--
PCB-078	E1668C		0.000259 U	0.000648 U	--	--	--
PCB-079	E1668C		**0.00132**	**0.00329**	--	--	--
PCB-080	E1668C		0.000238 U	0.000596 U	--	--	--
PCB-081	E1668C		0.000265 U	0.000662 U	--	--	--
PCB-082	E1668C		**0.00625 J**	**0.0119 J**	--	--	--
PCB-083	E1668C		**0.39 J**	**0.0308 J**	--	--	--
PCB-084	E1668C		**0.0175 J**	**0.0347 J**	--	--	--
PCB-085/116	E1668C		**0.0408 J**	**0.0401 J**	--	--	--
PCB-086/087/097/109/119/125	E1668C		**0.0836 J**	**0.218 J**	--	--	--
PCB-088	E1668C		0.000835 U	0.00212 U	--	--	--
PCB-089	E1668C		0.000745 U	0.0019 U	--	--	--
PCB-090/101/113	E1668C		**0.652 J**	**0.772 J**	--	--	--
PCB-091	E1668C		**0.0912 J**	**0.175 J**	--	--	--
PCB-092	E1668C		**0.147 J**	**0.193 J**	--	--	--
PCB-093/100	E1668C		**0.0892 J**	**0.202 J**	--	--	--
PCB-094	E1668C		**0.00659 J**	**0.0227 J**	--	--	--
PCB-095	E1668C		**0.254 J**	**0.297 J**	--	--	--
PCB-096	E1668C		**0.00266**	**0.00792 J**	--	--	--
PCB-098	E1668C		**0.000707**	0.0018 U	--	--	--
PCB-099	E1668C		0.000569 UJ	**0.276 J**	--	--	--
PCB-102	E1668C		**0.00933 J**	**0.0292 J**	--	--	--
PCB-103	E1668C		**0.0353 J**	**0.0741 J**	--	--	--
PCB-104	E1668C		**0.00208**	**0.0132 J**	--	--	--
PCB-105	E1668C		**0.0515 J**	**0.0668 J**	--	--	--
PCB-106	E1668C		0.000523 U	0.00133 U	--	--	--
PCB-107	E1668C		**0.0204 J**	**0.0278 J**	--	--	--
PCB-108/124	E1668C		**0.00708**	**0.0113 J**	--	--	--
PCB-110	E1668C		**0.263 J**	**0.339 J**	--	--	--
PCB-111	E1668C		**0.0023**	**0.0032**	--	--	--
PCB-112	E1668C		**0.000826**	0.00126 U	--	--	--
PCB-114	E1668C		**0.00374**	**0.00471 J**	--	--	--
PCB-115	E1668C		0.000511 U	0.0013 U	--	--	--
PCB-117	E1668C		**0.022 J**	**0.0324 J**	--	--	--
PCB-118	E1668C		**0.201 J**	**0.23 J**	--	--	--
PCB-120	E1668C		**0.00535 J**	**0.00805 J**	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-04-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-05-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-06-ADLT-240911 2024-09-11 N TA
PCB-121	E1668C		**0.00296**	**0.00488 J**	--	--	--
PCB-122	E1668C		**0.00177**	**0.00271**	--	--	--
PCB-123	E1668C		**0.00441 J**	**0.00486 J**	--	--	--
PCB-126	E1668C		0.0000504 UJ	**0.00113**	--	--	--
PCB-127	E1668C		0.000453 UJ	0.00173 U	--	--	--
PCB-128/166	E1668C		**0.128 J**	**0.121 J**	--	--	--
PCB-129/138/163	E1668C		**0.493 J**	**0.478 J**	--	--	--
PCB-130	E1668C		**0.0208 J**	**0.0226 J**	--	--	--
PCB-131	E1668C		0.0000104 UJ	**0.00245**	--	--	--
PCB-132	E1668C		**0.0528 J**	**0.0787 J**	--	--	--
PCB-133	E1668C		**0.0126 J**	**0.0144 J**	--	--	--
PCB-134	E1668C		**0.0119 J**	**0.019 J**	--	--	--
PCB-135/151	E1668C		**0.202 J**	**0.209 J**	--	--	--
PCB-136	E1668C		**0.0714 J**	**0.112 J**	--	--	--
PCB-137	E1668C		**0.00858 J**	**0.0103 J**	--	--	--
PCB-139/140	E1668C		**0.00466**	**0.00616**	--	--	--
PCB-141	E1668C		**0.123 J**	**0.135 J**	--	--	--
PCB-142	E1668C		0.0000104 U	0.0000107 U	--	--	--
PCB-143	E1668C		0.00000922 U	0.00000947 U	--	--	--
PCB-144	E1668C		**0.022 J**	**0.0269 J**	--	--	--
PCB-145	E1668C		**0.0000532 J**	**0.000264**	--	--	--
PCB-146	E1668C		**0.12 J**	**0.123 J**	--	--	--
PCB-147/149	E1668C		**0.386 J**	**0.397 J**	--	--	--
PCB-148	E1668C		**0.00308**	**0.00532 J**	--	--	--
PCB-150	E1668C		**0.00561 J**	**0.0139 J**	--	--	--
PCB-152	E1668C		**0.00158**	**0.00517 J**	--	--	--
PCB-153/168	E1668C		**0.426 J**	**0.43 J**	--	--	--
PCB-154	E1668C		**0.0148 J**	**0.025 J**	--	--	--
PCB-155	E1668C		**0.00123**	**0.00242**	--	--	--
PCB-156/157	E1668C		**0.0884 J**	**0.0881 J**	--	--	--
PCB-158	E1668C		0.00000719 UJ	**0.0448 J**	--	--	--
PCB-159	E1668C		**0.0189 J**	**0.0216 J**	--	--	--
PCB-160	E1668C		0.00000691 U	0.00000709 U	--	--	--
PCB-161	E1668C		0.00000664 U	**0.000208**	--	--	--
PCB-162	E1668C		**0.00461 J**	**0.00692 J**	--	--	--
PCB-164	E1668C		**0.0323 J**	**0.0324 J**	--	--	--
PCB-165	E1668C		0.00000769 UJ	**0.00358**	--	--	--
PCB-167	E1668C		**0.0486 J**	**0.0589 J**	--	--	--
PCB-169	E1668C		0.0000983 UJ	**0.00687 J**	--	--	--
PCB-170	E1668C		**0.403 J**	**0.39 J**	--	--	--
PCB-171/173	E1668C		**0.0651 J**	**0.0602 J**	--	--	--
PCB-172	E1668C		**0.051 J**	**0.0506 J**	--	--	--
PCB-174	E1668C		**0.192 J**	**0.189 J**	--	--	--
PCB-175	E1668C		0.0000541 UJ	**0.0103 J**	--	--	--
PCB-176	E1668C		**0.0467 J**	**0.0585 J**	--	--	--
PCB-177	E1668C		**0.116 J**	**0.103 J**	--	--	--
PCB-178	E1668C		**0.186 J**	**0.166 J**	--	--	--
PCB-179	E1668C		**0.144 J**	**0.147 J**	--	--	--
PCB-180/193	E1668C		**0.544 J**	**0.537 J**	--	--	--
PCB-181	E1668C		**0.00129**	**0.00132**	--	--	--
PCB-182	E1668C		0.0000454 UJ	**0.00206**	--	--	--
PCB-183	E1668C		**0.161 J**	**0.166 J**	--	--	--
PCB-184	E1668C		**0.00041**	**0.000586**	--	--	--
PCB-185	E1668C		**0.0324 J**	**0.0341 J**	--	--	--
PCB-186	E1668C		**0.0000325 J**	**0.000101**	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-04-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-05-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-06-ADLT-240911 2024-09-11 N TA
PCB-187	E1668C		**0.508 J**	**0.353 J**	--	--	--
PCB-188	E1668C		**0.00232**	**0.00335**	--	--	--
PCB-189	E1668C		**0.0223 J**	**0.0217 J**	--	--	--
PCB-190	E1668C		**0.103 J**	**0.104 J**	--	--	--
PCB-191	E1668C		**0.011 J**	**0.0105 J**	--	--	--
PCB-192	E1668C		0.0000374 U	0.0000358 U	--	--	--
PCB-194	E1668C		**0.216 J**	**0.201 J**	--	--	--
PCB-195	E1668C		**0.1 J**	**0.0798 J**	--	--	--
PCB-196	E1668C		**0.133 J**	**0.137 J**	--	--	--
PCB-197	E1668C		**0.0111 J**	**0.0105 J**	--	--	--
PCB-198/199	E1668C		**0.309 J**	**0.255 J**	--	--	--
PCB-200	E1668C		**0.021 J**	**0.0242 J**	--	--	--
PCB-201	E1668C		**0.0321 J**	**0.032 J**	--	--	--
PCB-202	E1668C		**0.0432 J**	**0.0319 J**	--	--	--
PCB-203	E1668C		**0.17 J**	**0.186 J**	--	--	--
PCB-204	E1668C		**0.0000669 J**	**0.0000797 J**	--	--	--
PCB-205	E1668C		**0.015 J**	**0.0137 J**	--	--	--
PCB-206	E1668C		**0.0378 J**	**0.0358 J**	--	--	--
PCB-207	E1668C		**0.00583 J**	**0.00481 J**	--	--	--
PCB-208	E1668C		**0.00709 J**	**0.00497 J**	--	--	--
PCB-209	E1668C		**0.00172**	**0.00104**	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		**9.4 J**	**12 J**	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		**9.4 J**	**12 J**	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-08-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-03-ADLT-240911 2024-09-11 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.35 J**	**0.79 J**	**2.4 J**	**1.2 J**	**2.9 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.748 U	0.376 U	1.25 U	1.25 U	7.51 U
Aroclor 1221	SW8082A		0.748 U	0.376 U	1.25 U	1.25 U	7.51 U
Aroclor 1232	SW8082A		0.748 U	0.376 U	1.25 U	1.25 U	7.51 U
Aroclor 1242	SW8082A		0.748 U	0.376 U	1.25 U	1.25 U	7.51 U
Aroclor 1248	SW8082A		0.748 U	0.376 U	1.25 U	1.25 U	7.51 U
Aroclor 1254	SW8082A		0.748 U	0.376 U	1.25 U	1.25 U	7.51 U
Aroclor 1260	SW8082A		**4.59**	**2.85**	**9.77**	**11.5**	**39.2**
Total PCB Aroclors (U = 0 max limit)	Calculated		**4.59**	**2.85**	**9.77**	**11.5**	**39.2**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**5.33**	**3.22**	**11.0**	**12.7**	**46.6**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-08-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-03-ADLT-240911 2024-09-11 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-08-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-03-ADLT-240911 2024-09-11 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01LB-08-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-03-ADLT-240911 2024-09-11 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-08-ADLT-240911 2024-09-11 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.49 J**	**2.1 J**	**0.86 J**	**1.7 J**	**0.66 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		2.5 U	2.49 U	0.751 U	2.51 U	0.501 U
Aroclor 1221	SW8082A		2.5 U	2.49 U	0.751 U	2.51 U	0.501 U
Aroclor 1232	SW8082A		2.5 U	2.49 U	0.751 U	2.51 U	0.501 U
Aroclor 1242	SW8082A		2.5 U	2.49 U	0.751 U	2.51 U	0.501 U
Aroclor 1248	SW8082A		2.5 U	2.49 U	0.751 U	2.51 U	0.501 U
Aroclor 1254	SW8082A		2.5 U	2.49 U	0.751 U	2.51 U	0.501 U
Aroclor 1260	SW8082A		**20.8**	**17.6**	**7.84**	**18**	**3.72**
Total PCB Aroclors (U = 0 max limit)	Calculated		**20.8**	**17.6**	**7.84**	**18**	**3.72**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**23.3**	**20.1**	**8.58**	**20**	**4.22**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-08-ADLT-240911 2024-09-11 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-08-ADLT-240911 2024-09-11 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-08-ADLT-240911 2024-09-11 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-09-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-10-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-01-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-02-ADLT-240911 2024-09-11 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.4 J**	**0.65 J**	**0.54 J**	**2.5 J**	**0.54 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		1.25 U	0.50 U	0.501 U	0.748 U	0.50 U
Aroclor 1221	SW8082A		1.25 U	0.50 U	0.501 U	0.748 U	0.50 U
Aroclor 1232	SW8082A		1.25 U	0.50 U	0.501 U	0.748 U	0.50 U
Aroclor 1242	SW8082A		1.25 U	0.50 U	0.501 U	0.748 U	0.50 U
Aroclor 1248	SW8082A		1.25 U	0.50 U	0.501 U	0.748 U	0.50 U
Aroclor 1254	SW8082A		1.25 U	0.50 U	0.501 U	0.748 U	0.50 U
Aroclor 1260	SW8082A		**16.5**	**3.12**	**3.84**	**8.08**	**2.9**
Total PCB Aroclors (U = 0 max limit)	Calculated		**16.5**	**3.12**	**3.84**	**8.08**	**2.9**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**17.7**	**3.61**	**4.34**	**8.82**	**3.4**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-09-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-10-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-01-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-02-ADLT-240911 2024-09-11 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-09-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-10-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-01-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-02-ADLT-240911 2024-09-11 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-09-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01WS-10-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-01-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-02-ADLT-240911 2024-09-11 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-03-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-04-YOY-240911 2024-09-11 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**2.8 J**	**0.40 J**	**2.6 J**	**0.59 J**	**1.7 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.749 U	0.376 U	0.499 U	0.50 U	0.50 U
Aroclor 1221	SW8082A		0.749 U	0.376 U	0.499 U	0.50 U	0.50 U
Aroclor 1232	SW8082A		0.749 U	0.376 U	0.499 U	0.50 U	0.50 U
Aroclor 1242	SW8082A		0.749 U	0.376 U	0.499 U	0.50 U	0.50 U
Aroclor 1248	SW8082A		**0.328 J**	0.376 U	**0.279 J**	0.50 U	**0.218 J**
Aroclor 1254	SW8082A		0.749 U	0.376 U	0.499 U	0.50 U	0.50 U
Aroclor 1260	SW8082A		**10.1**	**2.01**	**8.67**	**3.1**	**7.81**
Total PCB Aroclors (U = 0 max limit)	Calculated		**10.4 J**	**2.01**	**8.95 J**	**3.1**	**8.03 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**11.0 J**	**2.38**	**9.36 J**	**3.6**	**8.44 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-03-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-04-YOY-240911 2024-09-11 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-03-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-04-YOY-240911 2024-09-11 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-03-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-04-YOY-240911 2024-09-11 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-05-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-06-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-07-ADLT-240911 2024-09-11 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.31 J**	**1.7 J**	**0.24 J**	**1.7 J**	**0.30 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.374 U	0.748 U	0.25 U	0.501 U	0.251 U
Aroclor 1221	SW8082A		0.374 U	0.748 U	0.25 U	0.501 U	0.251 U
Aroclor 1232	SW8082A		0.374 U	0.748 U	0.25 U	0.501 U	0.251 U
Aroclor 1242	SW8082A		0.374 U	0.748 U	0.25 U	0.501 U	0.251 U
Aroclor 1248	SW8082A		0.374 U	**0.272 J**	0.25 U	**0.227 J**	0.251 U
Aroclor 1254	SW8082A		0.374 U	0.748 U	0.25 U	0.501 U	0.251 U
Aroclor 1260	SW8082A		**2.07**	**7.51**	**1.26**	**6.72**	**1.96**
Total PCB Aroclors (U = 0 max limit)	Calculated		**2.07**	**7.78 J**	**1.26**	**6.95 J**	**1.96**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**2.44**	**8.40 J**	**1.51**	**7.36 J**	**2.21**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-05-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-06-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-07-ADLT-240911 2024-09-11 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-05-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-06-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-07-ADLT-240911 2024-09-11 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-05-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-06-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-07-ADLT-240911 2024-09-11 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-07-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-08-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-09-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-10-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01BB-01-ADLT-240910 2024-09-10 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**2.4 J**	**0.42 J**	**0.46 J**	**0.19 J**	**0.37 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.50 U	0.499 U	0.249 U	0.25 U	0.249 U
Aroclor 1221	SW8082A		0.50 U	0.499 U	0.249 U	0.25 U	0.249 U
Aroclor 1232	SW8082A		0.50 U	0.499 U	0.249 U	0.25 U	0.249 U
Aroclor 1242	SW8082A		0.50 U	0.499 U	0.249 U	0.25 U	0.249 U
Aroclor 1248	SW8082A		**0.343 J**	0.499 U	0.249 U	0.25 U	0.249 U
Aroclor 1254	SW8082A		0.50 U	0.499 U	0.249 U	0.25 U	0.249 U
Aroclor 1260	SW8082A		**8.23**	**3.37**	**2.03**	**1.79**	**2.03**
Total PCB Aroclors (U = 0 max limit)	Calculated		**8.57 J**	**3.37**	**2.03**	**1.79**	**2.03**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**8.98 J**	**3.86**	**2.28**	**2.04**	**2.28**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-07-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-08-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-09-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-10-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01BB-01-ADLT-240910 2024-09-10 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-07-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-08-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-09-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-10-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01BB-01-ADLT-240910 2024-09-10 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-07-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-08-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-09-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05A-01 HBMP-R05A-01YP-10-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01BB-01-ADLT-240910 2024-09-10 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-01-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-01-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-02-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-02-YOY-240910 2024-09-10 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.60 J**	**1.2 J**	**3.5 J**	**0.82 J**	**2.6 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.501 U	2.49 U	1.25 U	0.501 U	1.25 U
Aroclor 1221	SW8082A		0.501 U	2.49 U	1.25 U	0.501 U	1.25 U
Aroclor 1232	SW8082A		0.501 U	2.49 U	1.25 U	0.501 U	1.25 U
Aroclor 1242	SW8082A		0.501 U	2.49 U	1.25 U	0.501 U	1.25 U
Aroclor 1248	SW8082A		0.501 U	2.49 U	**0.593 J**	0.501 U	**0.486 J**
Aroclor 1254	SW8082A		0.501 U	2.49 U	1.25 U	0.501 U	1.25 U
Aroclor 1260	SW8082A		**5.87**	**34**	**17.1**	**8.06**	**14.8**
Total PCB Aroclors (U = 0 max limit)	Calculated		**5.87**	**34**	**17.7 J**	**8.06**	**15.3 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**6.36**	**36**	**18.7 J**	**8.56**	**16.3 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		**0.000118**	**0.000177**	--	**0.00013**	**0.000315**
PCB-002	E1668C		0.00000375 U	0.0000102 U	--	0.00000574 U	0.00000393 U
PCB-003	E1668C		0.00000443 U	0.0000124 U	--	0.00000698 U	**0.0000286**
PCB-004	E1668C		**0.00547 J**	**0.00717 J**	--	**0.00594 J**	**0.0202 J**
PCB-005	E1668C		0.00000342 U	0.00000893 U	--	**0.00000649 J**	**0.0000197**
PCB-006	E1668C		**0.000249**	**0.00051**	--	**0.000336**	**0.00094**
PCB-007	E1668C		**0.0000207**	**0.00004**	--	**0.0000274**	**0.0000745**
PCB-008	E1668C		**0.000384**	**0.000682**	--	**0.000509**	**0.0016**
PCB-009	E1668C		**0.0000388**	**0.0000719**	--	**0.0000538**	**0.000147**
PCB-010	E1668C		**0.000322**	**0.000439**	--	**0.00036**	**0.00108**
PCB-011	E1668C		0.00000512 U	0.00000782 U	--	0.00000566 U	0.00000435 U
PCB-012/013	E1668C		**0.0000397**	**0.0000746**	--	**0.0000495**	**0.000185**
PCB-014	E1668C		0.00000335 U	0.0000086 U	--	0.00000622 U	0.00000487 U
PCB-015	E1668C		**0.000103**	**0.000212**	--	**0.000149**	**0.000567**
PCB-016	E1668C		**0.000282**	**0.000353**	--	**0.000398**	**0.00115**
PCB-017	E1668C		**0.005 J**	**0.00742 J**	--	**0.00734 J**	**0.0259 J**
PCB-018/030	E1668C		**0.00206**	**0.00319**	--	**0.00304**	**0.00863 J**
PCB-019	E1668C		**0.0107 J**	**0.0132 J**	--	**0.0142 J**	**0.0382 J**
PCB-020/028	E1668C		**0.00424**	**0.00911 J**	--	**0.00692 J**	**0.024 J**
PCB-021/033	E1668C		**0.00155**	**0.00249**	--	**0.00232**	**0.0159 J**
PCB-022	E1668C		**0.000325**	**0.000534**	--	**0.000451**	**0.00168**
PCB-023	E1668C		0.0000104 U	0.0000205 U	--	0.0000187 U	0.0000211 U
PCB-024	E1668C		0.00000476 U	0.00000908 U	--	0.00000807 U	**0.0000644**
PCB-025	E1668C		**0.00194**	**0.00367**	--	**0.00268 J**	**0.0128 J**
PCB-026/029	E1668C		**0.0031**	**0.00572**	--	**0.00393 J**	**0.0126 J**
PCB-027	E1668C		**0.00327**	**0.00476 J**	--	**0.00457 J**	**0.0115 J**
PCB-031	E1668C		**0.00183**	**0.00323**	--	**0.00253 J**	**0.00993 J**
PCB-032	E1668C		**0.00572 J**	**0.00879 J**	--	**0.00895 J**	**0.036 J**
PCB-034	E1668C		**0.0000749**	**0.000167**	--	**0.000115 J**	**0.000404**
PCB-035	E1668C		0.00000997 U	0.0000201 U	--	0.0000183 U	0.0000203 U
PCB-036	E1668C		0.00000866 U	0.0000174 U	--	0.0000158 U	0.0000176 U
PCB-037	E1668C		0.00000936 U	**0.000217**	--	**0.000147**	**0.000746**
PCB-038	E1668C		**0.0000267**	**0.000136**	--	**0.0000728**	**0.000389**
PCB-039	E1668C		0.00000939 U	0.0000191 U	--	0.0000174 U	**0.000101**
PCB-040/071	E1668C		**0.00849 J**	**0.0229 J**	--	**0.0186 J**	**0.0835 J**
PCB-041	E1668C		0.00000855 U	0.0000176 U	--	0.00000939 U	0.000014 U
PCB-042	E1668C		**0.00375**	**0.00956 J**	--	**0.00743 J**	**0.0297 J**
PCB-043	E1668C		**0.000194**	**0.00064**	--	**0.00044**	**0.00206**
PCB-044/047/065	E1668C		**0.154 J**	**0.496 J**	--	**0.302 J**	**0.964 J**
PCB-045	E1668C		0.00000829 U	0.0000156 U	--	0.00000833 U	0.0000136 U
PCB-046	E1668C		**0.00109**	**0.00205**	--	**0.00201**	**0.00868 J**
PCB-048	E1668C		**0.000267**	**0.000741**	--	**0.00046**	**0.00194**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-01-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-01-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-02-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-02-YOY-240910 2024-09-10 N TA
PCB-049/069	E1668C		**0.071 J**	**0.206 J**	--	**0.132 J**	**0.561 J**
PCB-050/053	E1668C		**0.0239 J**	**0.0532 J**	--	**0.0442 J**	**0.211 J**
PCB-051	E1668C		**0.0348 J**	**0.0715 J**	--	**0.0708 J**	**0.386 J**
PCB-052	E1668C		**0.0406 J**	**0.108 J**	--	**0.0677 J**	**0.218 J**
PCB-054	E1668C		**0.005 J**	**0.00706 J**	--	**0.00844 J**	**0.0328 J**
PCB-055	E1668C		0.0000247 U	0.000118 U	--	0.0000669 U	0.0000436 U
PCB-056	E1668C		**0.000511**	**0.0013**	--	**0.000774**	**0.00298**
PCB-057	E1668C		**0.000237**	**0.000762**	--	**0.000421**	**0.00132**
PCB-058	E1668C		**0.000303**	**0.000936**	--	**0.000735**	**0.00196**
PCB-059/062/075	E1668C		**0.00294**	**0.00937**	--	**0.00579**	**0.0261 J**
PCB-060	E1668C		**0.000287**	**0.00122**	--	**0.000552**	**0.00118**
PCB-061/070/074/076	E1668C		**0.00658**	**0.0198 J**	--	**0.011**	**0.0389 J**
PCB-063	E1668C		**0.00112**	**0.00375**	--	**0.0023**	**0.00695 J**
PCB-064	E1668C		**0.00191**	**0.00509 J**	--	**0.00334**	**0.0108 J**
PCB-066	E1668C		**0.0109 J**	**0.0382 J**	--	**0.0234 J**	**0.0582 J**
PCB-067	E1668C		**0.00077**	**0.00358**	--	**0.00154**	**0.00732 J**
PCB-068	E1668C		**0.00322**	**0.0106 J**	--	**0.00631 J**	**0.0245 J**
PCB-072	E1668C		**0.00167**	**0.0053 J**	--	**0.00314**	**0.00981 J**
PCB-073	E1668C		**0.00216**	**0.00614 J**	--	**0.0038**	**0.0169 J**
PCB-077	E1668C		**0.000247**	**0.000743**	--	**0.000382**	**0.00221**
PCB-078	E1668C		**0.0000783**	0.000133 U	--	0.0000751 U	0.0000497 U
PCB-079	E1668C		**0.000496**	**0.00203**	--	**0.000943**	**0.00302**
PCB-080	E1668C		0.0000259 U	0.000123 U	--	0.0000696 U	0.0000456 U
PCB-081	E1668C		0.0000296 U	0.000143 U	--	0.0000812 U	0.0000522 U
PCB-082	E1668C		**0.00214**	**0.00997 J**	--	**0.00433 J**	**0.0124 J**
PCB-083	E1668C		**0.00226**	**0.0131 J**	--	**0.00589 J**	**0.0523 J**
PCB-084	E1668C		**0.00582 J**	**0.0178 J**	--	**0.0105 J**	**0.0351 J**
PCB-085/116	E1668C		**0.0125 J**	**0.0519 J**	--	**0.0221 J**	**0.045 J**
PCB-086/087/097/109/119/125	E1668C		**0.0479 J**	**0.214 J**	--	**0.0908 J**	**0.277 J**
PCB-088	E1668C		0.0000824 U	0.00000881 U	--	0.00000522 U	0.000119 U
PCB-089	E1668C		0.000074 U	**0.000272**	--	**0.000179**	**0.000513**
PCB-090/101/113	E1668C		**0.202 J**	**0.887 J**	--	**0.369 J**	**0.923 J**
PCB-091	E1668C		**0.0368 J**	**0.142 J**	--	**0.0725 J**	**0.252 J**
PCB-092	E1668C		**0.0507 J**	**0.21 J**	--	**0.0943 J**	**0.257 J**
PCB-093/100	E1668C		**0.0338 J**	**0.169 J**	--	**0.0711 J**	**0.32 J**
PCB-094	E1668C		**0.00287**	**0.0101 J**	--	**0.00631 J**	**0.0406 J**
PCB-095	E1668C		**0.0729 J**	**0.237 J**	--	**0.12 J**	**0.368 J**
PCB-096	E1668C		**0.00147**	**0.00359**	--	**0.00305**	**0.00998 J**
PCB-098	E1668C		**0.000529**	**0.00265**	--	**0.00102**	**0.00521 J**
PCB-099	E1668C		**0.0895 J**	**0.351 J**	--	**0.151 J**	**0.381 J**
PCB-102	E1668C		**0.00304**	**0.0112 J**	--	**0.00757 J**	**0.0368 J**
PCB-103	E1668C		**0.0136 J**	**0.0572 J**	--	**0.0277 J**	**0.104 J**
PCB-104	E1668C		**0.0013**	**0.00229**	--	**0.00249**	**0.0167 J**
PCB-105	E1668C		**0.0232 J**	**0.0825 J**	--	**0.0321 J**	**0.0614 J**
PCB-106	E1668C		0.0000534 U	0.00000604 U	--	0.00000359 U	0.0000772 U
PCB-107	E1668C		**0.0068 J**	**0.0303 J**	--	**0.0127 J**	**0.0334 J**
PCB-108/124	E1668C		**0.00253**	**0.0096 J**	--	**0.00449**	**0.0117 J**
PCB-110	E1668C		**0.0797 J**	**0.316 J**	--	**0.144 J**	**0.388 J**
PCB-111	E1668C		**0.000953**	**0.00403 J**	--	**0.00177**	**0.00454 J**
PCB-112	E1668C		0.0000477 U	0.00000534 U	--	0.00000317 U	**0.000772**
PCB-114	E1668C		**0.00152**	**0.0069 J**	--	**0.00241**	**0.00498 J**
PCB-115	E1668C		0.0000488 U	0.00000511 U	--	0.00000303 U	0.0000707 U
PCB-117	E1668C		**0.00728 J**	**0.0341 J**	--	**0.0151 J**	**0.052 J**
PCB-118	E1668C		**0.0867 J**	**0.304 J**	--	**0.126 J**	**0.237 J**
PCB-120	E1668C		**0.00214**	**0.00934 J**	--	**0.00375**	**0.00971 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-01-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-01-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-02-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-02-YOY-240910 2024-09-10 N TA
PCB-121	E1668C		**0.000882**	**0.00455 J**	--	**0.0018**	**0.00486 J**
PCB-122	E1668C		**0.000551**	**0.00195**	--	**0.000948**	**0.00249**
PCB-123	E1668C		**0.00173**	**0.00753 J**	--	**0.0028**	**0.00663 J**
PCB-126	E1668C		**0.000515**	**0.00117**	--	**0.000652**	**0.00216**
PCB-127	E1668C		0.0000643 U	0.00000861 U	--	0.00000315 U	0.0000881 U
PCB-128/166	E1668C		**0.0665 J**	**0.223 J**	--	**0.0877 J**	**0.139 J**
PCB-129/138/163	E1668C		**0.426 J**	**0.655 J**	--	**0.551 J**	**0.557 J**
PCB-130	E1668C		**0.0151 J**	**0.0272 J**	--	**0.0214 J**	**0.0336 J**
PCB-131	E1668C		**0.000802**	**0.00174**	--	**0.00131**	**0.00268**
PCB-132	E1668C		**0.0355 J**	**0.059 J**	--	**0.0511 J**	**0.0974 J**
PCB-133	E1668C		**0.0102 J**	**0.0165 J**	--	**0.0129 J**	**0.0185 J**
PCB-134	E1668C		**0.00725 J**	**0.0114 J**	--	**0.0101 J**	**0.0241 J**
PCB-135/151	E1668C		**0.125 J**	**0.222 J**	--	**0.179 J**	**0.283 J**
PCB-136	E1668C		**0.0276 J**	**0.0905 J**	--	**0.0378 J**	**0.13 J**
PCB-137	E1668C		**0.00595 J**	**0.0111 J**	--	**0.00891 J**	**0.015 J**
PCB-139/140	E1668C		**0.00309**	**0.00612**	--	**0.00475**	**0.00809 J**
PCB-141	E1668C		**0.0695 J**	**0.144 J**	--	**0.102 J**	**0.169 J**
PCB-142	E1668C		0.00000397 U	0.00000302 U	--	0.00000176 U	0.00000577 U
PCB-143	E1668C		0.00000354 U	0.00000285 U	--	0.00000166 U	0.00000515 U
PCB-144	E1668C		**0.0119 J**	**0.0255 J**	--	**0.0191 J**	**0.0341 J**
PCB-145	E1668C		0.00000355 U	**0.0000953**	--	**0.0000458 J**	**0.000238**
PCB-146	E1668C		**0.0931 J**	**0.161 J**	--	**0.118 J**	**0.159 J**
PCB-147/149	E1668C		**0.313 J**	**0.514 J**	--	**0.434 J**	**0.496 J**
PCB-148	E1668C		**0.00207**	**0.00431 J**	--	**0.0033**	**0.00701 J**
PCB-150	E1668C		**0.00287**	**0.015 J**	--	**0.00492 J**	**0.0158 J**
PCB-152	E1668C		**0.000771**	**0.00345**	--	**0.00145**	**0.0101 J**
PCB-153/168	E1668C		**0.51 J**	**0.624 J**	--	**0.616 J**	**0.527 J**
PCB-154	E1668C		**0.0111 J**	**0.0228 J**	--	**0.0169 J**	**0.0302 J**
PCB-155	E1668C		**0.000699**	**0.00348**	--	**0.00106**	**0.00351**
PCB-156/157	E1668C		**0.0318 J**	**0.144 J**	--	**0.0481 J**	**0.0895 J**
PCB-158	E1668C		**0.0263 J**	**0.0508 J**	--	**0.0355 J**	**0.0535 J**
PCB-159	E1668C		**0.0069 J**	**0.0252 J**	--	**0.00933 J**	**0.0191 J**
PCB-160	E1668C		0.00000302 U	0.00000234 U	--	0.00000136 U	0.00000439 U
PCB-161	E1668C		0.00000252 U	0.00000194 U	--	0.00000113 U	0.00000367 U
PCB-162	E1668C		**0.00262**	**0.00844 J**	--	**0.00333**	**0.00883 J**
PCB-164	E1668C		**0.0181 J**	**0.0315 J**	--	**0.025 J**	**0.039 J**
PCB-165	E1668C		**0.00131**	**0.00247**	--	**0.00169**	**0.00265**
PCB-167	E1668C		**0.0231 J**	**0.0903 J**	--	**0.0331 J**	**0.0688 J**
PCB-169	E1668C		**0.0021**	**0.0102 J**	--	**0.00337**	**0.00523 J**
PCB-170	E1668C		**0.238 J**	**0.71 J**	--	**0.319 J**	**0.5 J**
PCB-171/173	E1668C		**0.0398 J**	**0.0984 J**	--	**0.0574 J**	**0.0868 J**
PCB-172	E1668C		**0.0366 J**	**0.0871 J**	--	**0.0488 J**	**0.0776 J**
PCB-174	E1668C		**0.109 J**	**0.25 J**	--	**0.155 J**	**0.252 J**
PCB-175	E1668C		**0.00546 J**	**0.0153 J**	--	**0.00864 J**	**0.0138 J**
PCB-176	E1668C		**0.0166 J**	**0.073 J**	--	**0.0259 J**	**0.054 J**
PCB-177	E1668C		**0.0738 J**	**0.166 J**	--	**0.101 J**	**0.162 J**
PCB-178	E1668C		**0.0724 J**	**0.267 J**	--	**0.0941 J**	**0.16 J**
PCB-179	E1668C		**0.036 J**	**0.114 J**	--	**0.0485 J**	**0.139 J**
PCB-180/193	E1668C		**0.503 J**	**0.987 J**	--	**0.642 J**	**0.776 J**
PCB-181	E1668C		**0.000891**	**0.00212**	--	**0.00125**	**0.00229**
PCB-182	E1668C		**0.00157**	**0.00325**	--	**0.00201**	**0.00277**
PCB-183	E1668C		**0.114 J**	**0.255 J**	--	**0.145 J**	**0.249 J**
PCB-184	E1668C		**0.000171**	**0.000745**	--	**0.000257**	**0.000629**
PCB-185	E1668C		**0.0154 J**	**0.0448 J**	--	**0.0248 J**	**0.0554 J**
PCB-186	E1668C		0.00000283 U	**0.0000259 J**	--	0.00000253 U	0.00000618 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-01-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-01-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-02-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-02-YOY-240910 2024-09-10 N TA
PCB-187	E1668C		**0.526 J**	**0.835 J**	--	**0.631 J**	**0.528 J**
PCB-188	E1668C		**0.00111**	**0.00557 J**	--	**0.00176**	**0.00414 J**
PCB-189	E1668C		**0.00992 J**	**0.0359 J**	--	**0.0129 J**	**0.0231 J**
PCB-190	E1668C		**0.056 J**	**0.183 J**	--	**0.078 J**	**0.123 J**
PCB-191	E1668C		**0.00732 J**	**0.0181 J**	--	**0.0099 J**	**0.0145 J**
PCB-192	E1668C		0.0000344 U	0.0000649 U	--	0.0000446 U	0.0000444 U
PCB-194	E1668C		**0.125 J**	**0.464 J**	--	**0.141 J**	**0.249 J**
PCB-195	E1668C		**0.0503 J**	**0.192 J**	--	**0.0601 J**	**0.0917 J**
PCB-196	E1668C		**0.068 J**	**0.274 J**	--	**0.08 J**	**0.106 J**
PCB-197	E1668C		**0.0054 J**	**0.0208 J**	--	**0.00628 J**	**0.00822 J**
PCB-198/199	E1668C		**0.172 J**	**0.635 J**	--	**0.19 J**	**0.206 J**
PCB-200	E1668C		**0.0076 J**	**0.0235 J**	--	**0.00808 J**	**0.0158 J**
PCB-201	E1668C		**0.0133 J**	**0.0566 J**	--	**0.0164 J**	**0.025 J**
PCB-202	E1668C		**0.0205 J**	**0.0658 J**	--	**0.0215 J**	**0.0225 J**
PCB-203	E1668C		**0.0908 J**	**0.368 J**	--	**0.106 J**	**0.174 J**
PCB-204	E1668C		**0.0000433**	**0.00013 J**	--	**0.0000373 J**	**0.0000875**
PCB-205	E1668C		**0.00774 J**	**0.0299 J**	--	**0.00886 J**	**0.0137 J**
PCB-206	E1668C		**0.022 J**	**0.0716 J**	--	**0.0231 J**	**0.0266 J**
PCB-207	E1668C		**0.003**	**0.0117 J**	--	**0.0034**	**0.0042 J**
PCB-208	E1668C		**0.00378**	**0.0115 J**	--	**0.0037**	**0.00446 J**
PCB-209	E1668C		**0.000949**	**0.00219**	--	**0.00092**	**0.00077**
Total PCB Congener (U = 0 max limit)	Calculated		**5.5 J**	**14 J**	--	**7.7 J**	**14 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**5.5 J**	**14 J**	--	**7.7 J**	**14 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-03-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-03-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-04-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-04-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-05-ADLT-240910 2024-09-10 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.60 J**	**2.4 J**	**0.77 J**	**1.9 J**	**1.5 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.376 U	1.25 U	0.375 U	1.25 U	0.50 U
Aroclor 1221	SW8082A		0.376 U	1.25 U	0.375 U	1.25 U	0.50 U
Aroclor 1232	SW8082A		0.376 U	1.25 U	0.375 U	1.25 U	0.50 U
Aroclor 1242	SW8082A		0.376 U	1.25 U	0.375 U	1.25 U	0.50 U
Aroclor 1248	SW8082A		0.376 U	**0.527 J**	0.375 U	**0.423 J**	**0.21 J**
Aroclor 1254	SW8082A		0.376 U	1.25 U	0.375 U	1.25 U	0.50 U
Aroclor 1260	SW8082A		**3.53**	**15.8**	**3.2**	**16.6**	**9.25**
Total PCB Aroclors (U = 0 max limit)	Calculated		**3.53**	**16.3 J**	**3.2**	**17.0 J**	**9.5 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**3.90**	**17.3 J**	**3.6**	**18.1 J**	**9.9 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		**0.0000996**	**0.0003**	**0.000117**	**0.000189**	**0.000364**
PCB-002	E1668C		0.00000642 U	0.00000588 U	0.00000691 U	0.0000034 U	0.00000586 U
PCB-003	E1668C		0.00000782 U	0.00000695 U	0.0000084 U	**0.0000145 J**	**0.0000403**
PCB-004	E1668C		**0.00431 J**	**0.0146 J**	**0.00453 J**	**0.0115 J**	**0.0336 J**
PCB-005	E1668C		0.00000653 U	**0.0000147**	0.00000817 U	**0.0000101**	0.00000659 U
PCB-006	E1668C		**0.00026**	**0.00071**	**0.00034**	**0.000552**	**0.000606**
PCB-007	E1668C		**0.0000183**	**0.0000573**	**0.000024**	**0.000043 J**	**0.0000503 J**
PCB-008	E1668C		**0.000381**	**0.00117**	**0.000487**	**0.000901**	**0.00088**
PCB-009	E1668C		**0.0000431**	**0.000111**	**0.0000568 J**	**0.0000859**	**0.000113**
PCB-010	E1668C		**0.00026**	**0.000789**	**0.000275**	**0.000645**	**0.00168**
PCB-011	E1668C		0.00000572 U	0.00000353 U	0.00000715 U	0.00000314 U	0.00000578 U
PCB-012/013	E1668C		**0.0000357**	**0.000142**	**0.0000407**	**0.000112**	**0.000165**
PCB-014	E1668C		0.00000629 U	0.00000395 U	0.00000786 U	0.00000351 U	0.00000646 U
PCB-015	E1668C		**0.000109**	**0.000378**	**0.000142**	**0.000281**	**0.000673**
PCB-016	E1668C		**0.00031**	**0.000917**	**0.000236**	**0.00087**	**0.000395**
PCB-017	E1668C		**0.00443 J**	**0.0169 J**	**0.0032**	**0.0178 J**	**0.0233 J**
PCB-018/030	E1668C		**0.00192**	**0.00645**	**0.00155**	**0.00683**	**0.00708**
PCB-019	E1668C		**0.00975 J**	**0.0311 J**	**0.00674 J**	**0.0241 J**	**0.0554 J**
PCB-020/028	E1668C		**0.00474**	**0.0217 J**	**0.0026**	**0.0221 J**	**0.0118 J**
PCB-021/033	E1668C		**0.00126**	**0.0102 J**	**0.000598**	**0.0123 J**	**0.0069**
PCB-022	E1668C		**0.000443**	**0.00229**	**0.000259**	**0.0013**	**0.000553**
PCB-023	E1668C		0.0000171 U	0.0000225 U	0.0000183 U	0.0000206 U	0.0000242 U
PCB-024	E1668C		0.00000737 U	**0.0000489**	**0.0000146**	**0.0000378**	0.00000792 U
PCB-025	E1668C		**0.00162**	**0.00999 J**	**0.00128**	**0.00996 J**	**0.00675 J**
PCB-026/029	E1668C		**0.00305**	**0.0123 J**	**0.00313**	**0.00962 J**	**0.00623**
PCB-027	E1668C		**0.00302**	**0.00938 J**	**0.00231**	**0.00859 J**	**0.0125 J**
PCB-031	E1668C		**0.00191**	**0.00942 J**	**0.00175**	**0.0067 J**	**0.00597 J**
PCB-032	E1668C		**0.00431 J**	**0.0187 J**	**0.0025**	**0.0323 J**	**0.0271 J**
PCB-034	E1668C		**0.0000566**	**0.000277**	**0.0000339 J**	**0.00035**	**0.000229**
PCB-035	E1668C		0.0000168 U	0.0000217 U	0.0000179 U	0.0000198 U	0.0000232 U
PCB-036	E1668C		0.0000145 U	0.0000188 U	0.0000155 U	0.0000172 U	0.0000202 U
PCB-037	E1668C		**0.000132**	**0.000632**	**0.000119**	**0.000417**	**0.000587**
PCB-038	E1668C		**0.0000454**	**0.000263**	0.0000168 U	**0.000361**	**0.000166**
PCB-039	E1668C		0.000016 U	**0.0000678**	0.000017 U	**0.000045**	0.0000219 U
PCB-040/071	E1668C		**0.0059**	**0.0492 J**	**0.00435**	**0.0736 J**	**0.0221 J**
PCB-041	E1668C		0.0000127 U	0.0000177 U	0.0000173 U	0.0000113 U	0.0000143 U
PCB-042	E1668C		**0.00426 J**	**0.0215 J**	**0.00234**	**0.0304 J**	**0.00897 J**
PCB-043	E1668C		**0.0002**	**0.00121**	**0.000128**	**0.00182**	**0.00047**
PCB-044/047/065	E1668C		**0.145 J**	**0.83 J**	**0.103 J**	**0.957 J**	**0.574 J**
PCB-045	E1668C		0.0000113 U	0.0000172 U	0.0000153 U	0.000011 U	0.0000138 U
PCB-046	E1668C		**0.000821**	**0.00535 J**	**0.000536**	**0.0086 J**	**0.00367**
PCB-048	E1668C		**0.000435**	**0.00177**	**0.000216**	**0.00135**	**0.000517**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-03-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-03-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-04-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-04-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-05-ADLT-240910 2024-09-10 N TA
PCB-049/069	E1668C		**0.0719 J**	**0.363 J**	**0.0561 J**	**0.491 J**	**0.242 J**
PCB-050/053	E1668C		**0.0181 J**	**0.122 J**	**0.0123 J**	**0.168 J**	**0.103 J**
PCB-051	E1668C		**0.0287 J**	**0.201 J**	**0.0166 J**	**0.3 J**	**0.161 J**
PCB-052	E1668C		**0.0403 J**	**0.178 J**	**0.0434 J**	**0.195 J**	**0.106 J**
PCB-054	E1668C		**0.00405 J**	**0.0214 J**	**0.00241**	**0.0249 J**	**0.0309 J**
PCB-055	E1668C		0.0000321 U	0.0000729 U	0.0000425 U	0.0000525 U	0.0000479 U
PCB-056	E1668C		**0.000772**	**0.00336**	**0.000563**	**0.00245**	**0.00112**
PCB-057	E1668C		**0.000226**	**0.00122**	**0.000282**	**0.00117**	**0.000434**
PCB-058	E1668C		0.0000309 U	**0.0015**	**0.000296**	**0.00302**	**0.000828**
PCB-059/062/075	E1668C		**0.0029**	**0.0164 J**	**0.00211**	**0.0235 J**	**0.0099**
PCB-060	E1668C		**0.000749**	**0.00204**	**0.000288**	**0.000973**	**0.000575**
PCB-061/070/074/076	E1668C		**0.00834**	**0.0367 J**	**0.0066**	**0.0337 J**	**0.0151**
PCB-063	E1668C		**0.00125**	**0.00554 J**	**0.000719**	**0.00716 J**	**0.00283**
PCB-064	E1668C		**0.00258**	**0.0105 J**	**0.00173**	**0.00966 J**	**0.00417 J**
PCB-066	E1668C		**0.0113 J**	**0.0528 J**	**0.00809 J**	**0.0637 J**	**0.0264 J**
PCB-067	E1668C		**0.000825**	**0.00539 J**	**0.000608**	**0.00588 J**	**0.00251**
PCB-068	E1668C		**0.00309**	**0.0148 J**	**0.00198**	**0.0218 J**	**0.00842 J**
PCB-072	E1668C		**0.0016**	**0.00736 J**	**0.00146**	**0.00954 J**	**0.00381**
PCB-073	E1668C		**0.00155**	**0.0105 J**	**0.00166**	**0.0137 J**	**0.00681 J**
PCB-077	E1668C		**0.000288**	**0.00189**	**0.000229**	**0.00175**	**0.00059**
PCB-078	E1668C		0.000036 U	0.0000832 U	0.0000477 U	0.0000599 U	0.0000546 U
PCB-079	E1668C		**0.000507**	**0.00263**	**0.000391**	**0.00313**	**0.00121**
PCB-080	E1668C		0.0000334 U	0.0000763 U	0.0000442 U	0.000055 U	0.0000501 U
PCB-081	E1668C		0.0000389 U	0.0000873 U	0.0000515 U	0.0000629 U	0.0000573 U
PCB-082	E1668C		**0.00288**	**0.0111 J**	**0.00209**	**0.0121 J**	**0.00556 J**
PCB-083	E1668C		**0.00368**	**0.0257 J**	**0.00344**	**0.0187 J**	**0.0125 J**
PCB-084	E1668C		**0.00603 J**	**0.0309 J**	**0.00468 J**	**0.0329 J**	**0.0125 J**
PCB-085/116	E1668C		**0.0097 J**	**0.0397 J**	**0.00815 J**	**0.0468 J**	**0.0252 J**
PCB-086/087/097/109/119/125	E1668C		**0.0461 J**	**0.216 J**	**0.0377 J**	**0.256 J**	**0.122 J**
PCB-088	E1668C		0.0000155 U	0.000169 U	0.0000119 U	0.00013 U	0.000164 U
PCB-089	E1668C		**0.0000843**	**0.000366**	**0.0000557**	**0.000344**	0.000147 U
PCB-090/101/113	E1668C		**0.19 J**	**0.829 J**	**0.152 J**	**0.871 J**	**0.512 J**
PCB-091	E1668C		**0.038 J**	**0.19 J**	**0.0312 J**	**0.237 J**	**0.103 J**
PCB-092	E1668C		**0.042 J**	**0.209 J**	**0.0378 J**	**0.252 J**	**0.117 J**
PCB-093/100	E1668C		**0.0343 J**	**0.201 J**	**0.0276 J**	**0.245 J**	**0.125 J**
PCB-094	E1668C		**0.00251**	**0.026 J**	**0.00222**	**0.0354 J**	**0.00786 J**
PCB-095	E1668C		**0.0624 J**	**0.322 J**	**0.0567 J**	**0.348 J**	**0.166 J**
PCB-096	E1668C		**0.00107**	**0.00806 J**	**0.000688**	**0.0106 J**	**0.00452 J**
PCB-098	E1668C		**0.00083**	**0.00294**	**0.000254**	**0.00759 J**	**0.00126**
PCB-099	E1668C		**0.0654 J**	**0.32 J**	**0.0498 J**	**0.386 J**	**0.188 J**
PCB-102	E1668C		**0.00205**	**0.024 J**	**0.00214**	**0.0262 J**	**0.00819 J**
PCB-103	E1668C		**0.0127 J**	**0.0672 J**	**0.0112 J**	**0.0838 J**	**0.0441 J**
PCB-104	E1668C		**0.00111**	**0.00973 J**	**0.000691**	**0.0124 J**	**0.00646 J**
PCB-105	E1668C		**0.0175 J**	**0.0645 J**	**0.0151 J**	**0.0667 J**	**0.0386 J**
PCB-106	E1668C		0.0000106 U	0.000109 U	0.00000814 U	0.000084 U	0.000106 U
PCB-107	E1668C		**0.00643 J**	**0.0298 J**	**0.0048 J**	**0.0352 J**	**0.0154 J**
PCB-108/124	E1668C		**0.00199**	**0.0102 J**	**0.00188**	**0.0113 J**	**0.00551**
PCB-110	E1668C		**0.0796 J**	**0.355 J**	**0.0628 J**	**0.395 J**	**0.185 J**
PCB-111	E1668C		**0.000843**	**0.00342**	**0.000623**	**0.00464 J**	**0.0018**
PCB-112	E1668C		**0.000227**	**0.000861**	0.0000072 U	**0.000835**	**0.000418**
PCB-114	E1668C		**0.0013**	**0.00493 J**	**0.000926**	**0.00494 J**	**0.00314**
PCB-115	E1668C		0.00000899 U	0.0000998 U	0.00000688 U	0.0000769 U	0.0000969 U
PCB-117	E1668C		**0.0081 J**	**0.0366 J**	**0.00542 J**	**0.0483 J**	**0.021 J**
PCB-118	E1668C		**0.059 J**	**0.244 J**	**0.0446 J**	**0.266 J**	**0.138 J**
PCB-120	E1668C		**0.00173**	**0.00817 J**	**0.00133**	**0.00978 J**	**0.00426 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-03-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-03-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-04-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-04-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-05-ADLT-240910 2024-09-10 N TA
PCB-121	E1668C		**0.00103**	**0.00385**	**0.00092**	**0.0042 J**	**0.00262**
PCB-122	E1668C		**0.00054**	**0.00239**	**0.000426**	**0.00234**	**0.00134**
PCB-123	E1668C		**0.00145**	**0.00541 J**	**0.00109**	**0.00652 J**	**0.00352**
PCB-126	E1668C		**0.000177**	**0.00141**	**0.000145**	**0.00204**	**0.000549**
PCB-127	E1668C		**0.000345**	**0.00142**	**0.000325**	0.0000997 U	**0.000818**
PCB-128/166	E1668C		**0.0382 J**	**0.142 J**	**0.0307 J**	**0.141 J**	**0.0919 J**
PCB-129/138/163	E1668C		**0.336 J**	**0.623 J**	**0.332 J**	**0.538 J**	**0.586 J**
PCB-130	E1668C		**0.0141 J**	**0.0297 J**	**0.014 J**	**0.0344 J**	**0.0249 J**
PCB-131	E1668C		**0.000992**	**0.00239**	0.00000985 U	**0.00271**	0.000012 U
PCB-132	E1668C		**0.039 J**	**0.0904 J**	**0.0384 J**	**0.0959 J**	**0.064 J**
PCB-133	E1668C		**0.0078 J**	**0.0164 J**	**0.00866 J**	**0.019 J**	**0.0147 J**
PCB-134	E1668C		**0.00715 J**	**0.0212 J**	**0.00828 J**	**0.0229 J**	**0.0151 J**
PCB-135/151	E1668C		**0.102 J**	**0.262 J**	**0.125 J**	**0.282 J**	**0.22 J**
PCB-136	E1668C		**0.0246 J**	**0.111 J**	**0.018 J**	**0.128 J**	**0.0548 J**
PCB-137	E1668C		**0.00526 J**	**0.0108 J**	**0.00525 J**	**0.0134 J**	**0.00861 J**
PCB-139/140	E1668C		**0.00295**	**0.00677**	**0.00341**	**0.00789 J**	**0.00551**
PCB-141	E1668C		**0.0672 J**	**0.149 J**	**0.0722 J**	**0.162 J**	**0.126 J**
PCB-142	E1668C		0.0000129 U	0.00000987 U	0.00000992 U	0.00000607 U	0.0000117 U
PCB-143	E1668C		0.0000122 U	0.00000879 U	0.00000935 U	0.00000541 U	0.0000104 U
PCB-144	E1668C		**0.0123 J**	**0.0288 J**	**0.0136 J**	**0.0315 J**	**0.0235 J**
PCB-145	E1668C		0.00000815 U	0.0000123 U	0.00000635 U	**0.00025**	0.00000981 U
PCB-146	E1668C		**0.0659 J**	**0.147 J**	**0.068 J**	**0.165 J**	**0.127 J**
PCB-147/149	E1668C		**0.259 J**	**0.559 J**	**0.302 J**	**0.485 J**	**0.508 J**
PCB-148	E1668C		**0.0023**	**0.00543 J**	**0.00278**	**0.00609 J**	**0.00423 J**
PCB-150	E1668C		**0.0028**	**0.0114 J**	**0.00238**	**0.015 J**	**0.0067 J**
PCB-152	E1668C		**0.000715**	**0.00647 J**	**0.000487**	**0.00896 J**	**0.00177**
PCB-153/168	E1668C		**0.417 J**	**0.632 J**	**0.385 J**	**0.505 J**	**0.678 J**
PCB-154	E1668C		**0.0106 J**	**0.0242 J**	**0.0135 J**	**0.0273 J**	**0.0198 J**
PCB-155	E1668C		**0.000588**	**0.00229**	**0.000412**	**0.00285**	**0.00169**
PCB-156/157	E1668C		**0.0216 J**	**0.0754 J**	**0.0163 J**	**0.0951 J**	**0.0501 J**
PCB-158	E1668C		**0.0243 J**	**0.0468 J**	**0.0242 J**	**0.0532 J**	**0.0407 J**
PCB-159	E1668C		**0.00501 J**	**0.019 J**	**0.00435 J**	**0.0184 J**	**0.0119 J**
PCB-160	E1668C		0.00000998 U	0.0000075 U	0.00000766 U	0.00000462 U	0.00000889 U
PCB-161	E1668C		0.00000829 U	0.00000628 U	0.00000636 U	0.00000386 U	0.00000744 U
PCB-162	E1668C		**0.00144**	**0.00784 J**	**0.00103**	**0.00896 J**	**0.00357**
PCB-164	E1668C		**0.0154 J**	**0.0362 J**	**0.0183 J**	**0.0412 J**	**0.0319 J**
PCB-165	E1668C		**0.00101**	**0.0024**	**0.00156**	**0.00258**	**0.00223**
PCB-167	E1668C		**0.0143 J**	**0.0618 J**	**0.00995 J**	**0.0677 J**	**0.0327 J**
PCB-169	E1668C		**0.0016**	**0.00461 J**	**0.00122**	**0.0055 J**	**0.00338**
PCB-170	E1668C		**0.157 J**	**0.502 J**	**0.0986 J**	**0.531 J**	**0.311 J**
PCB-171/173	E1668C		**0.0315 J**	**0.083 J**	**0.0236 J**	**0.0951 J**	**0.0762 J**
PCB-172	E1668C		**0.0253 J**	**0.0724 J**	**0.0191 J**	**0.0817 J**	**0.0648 J**
PCB-174	E1668C		**0.0878 J**	**0.254 J**	**0.0766 J**	**0.265 J**	**0.24 J**
PCB-175	E1668C		**0.00506 J**	**0.013 J**	**0.00381 J**	**0.0142 J**	**0.0114 J**
PCB-176	E1668C		**0.0155 J**	**0.0467 J**	**0.0128 J**	**0.0679 J**	**0.0305 J**
PCB-177	E1668C		**0.0635 J**	**0.164 J**	**0.049 J**	**0.172 J**	**0.164 J**
PCB-178	E1668C		**0.0439 J**	**0.136 J**	**0.0376 J**	**0.209 J**	**0.104 J**
PCB-179	E1668C		**0.0347 J**	**0.124 J**	**0.0282 J**	**0.173 J**	**0.0748 J**
PCB-180/193	E1668C		**0.347 J**	**0.895 J**	**0.251 J**	**0.762 J**	**0.816 J**
PCB-181	E1668C		**0.000685**	**0.00187**	**0.000511**	**0.00221**	**0.00173**
PCB-182	E1668C		**0.000915**	**0.0026**	**0.000888**	**0.00312**	**0.00234**
PCB-183	E1668C		**0.0795 J**	**0.233 J**	**0.0593 J**	**0.258 J**	**0.204 J**
PCB-184	E1668C		**0.00014**	**0.000439**	**0.000112**	**0.000717**	**0.000276**
PCB-185	E1668C		**0.0144 J**	**0.0495 J**	**0.0113 J**	**0.0464 J**	**0.0361 J**
PCB-186	E1668C		0.0000075 U	**0.0000698**	0.00000759 U	0.00000791 U	0.00000767 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-03-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-03-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-04-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-04-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-05-ADLT-240910 2024-09-10 N TA
PCB-187	E1668C		**0.233 J**	**0.619 J**	**0.205 J**	**0.589 J**	**0.731 J**
PCB-188	E1668C		**0.000895**	**0.00307**	**0.000837**	**0.00478 J**	**0.00213**
PCB-189	E1668C		**0.00626 J**	**0.02 J**	**0.00431 J**	**0.0264 J**	**0.0133 J**
PCB-190	E1668C		**0.0382 J**	**0.121 J**	**0.0249 J**	**0.125 J**	**0.0764 J**
PCB-191	E1668C		**0.00568 J**	**0.0136 J**	**0.00425 J**	**0.0151 J**	**0.0129 J**
PCB-192	E1668C		0.0000456 U	0.0000738 U	0.0000395 U	0.0000513 U	0.0000786 U
PCB-194	E1668C		**0.0675 J**	**0.206 J**	**0.0465 J**	**0.29 J**	**0.143 J**
PCB-195	E1668C		**0.0281 J**	**0.0798 J**	**0.0201 J**	**0.114 J**	**0.0632 J**
PCB-196	E1668C		**0.0439 J**	**0.113 J**	**0.0304 J**	**0.129 J**	**0.084 J**
PCB-197	E1668C		**0.00335**	**0.00901 J**	**0.00247**	**0.0105 J**	**0.00724 J**
PCB-198/199	E1668C		**0.0915 J**	**0.238 J**	**0.0655 J**	**0.269 J**	**0.2 J**
PCB-200	E1668C		**0.00702 J**	**0.0185 J**	**0.00467 J**	**0.0187 J**	**0.0137 J**
PCB-201	E1668C		**0.00999 J**	**0.0277 J**	**0.00733 J**	**0.0306 J**	**0.021 J**
PCB-202	E1668C		**0.0121 J**	**0.0292 J**	**0.00924 J**	**0.0321 J**	**0.0307 J**
PCB-203	E1668C		**0.0559 J**	**0.17 J**	**0.0362 J**	**0.187 J**	**0.105 J**
PCB-204	E1668C		**0.0000192 J**	**0.0000777**	**0.0000126 J**	**0.0000991**	**0.0000551**
PCB-205	E1668C		**0.00429 J**	**0.012 J**	**0.00296**	**0.0165 J**	**0.00875 J**
PCB-206	E1668C		**0.012 J**	**0.0255 J**	**0.0097 J**	**0.0349 J**	**0.0252 J**
PCB-207	E1668C		**0.002**	**0.00406 J**	**0.00135**	**0.00544 J**	**0.0039 J**
PCB-208	E1668C		**0.00276**	**0.00475 J**	**0.00163**	**0.00628 J**	**0.00514 J**
PCB-209	E1668C		**0.00135**	**0.000922**	**0.000368**	**0.00113**	**0.000878**
Total PCB Congener (U = 0 max limit)	Calculated		**4.1 J**	**13 J**	**3.5 J**	**14 J**	**9.9 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**4.1 J**	**13 J**	**3.5 J**	**14 J**	**9.9 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-05-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-06-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-06-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-07-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-07-YOY-240910 2024-09-10 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.7 J**	**1.7 J**	**1.8 J**	**1.5 J**	**1.9 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		1.25 U	1.25 U	2.49 U	2.5 U	2.51 U
Aroclor 1221	SW8082A		1.25 U	1.25 U	2.49 U	2.5 U	2.51 U
Aroclor 1232	SW8082A		1.25 U	1.25 U	2.49 U	2.5 U	2.51 U
Aroclor 1242	SW8082A		1.25 U	1.25 U	2.49 U	2.5 U	2.51 U
Aroclor 1248	SW8082A		1.25 U	1.25 U	2.49 U	2.5 U	2.51 U
Aroclor 1254	SW8082A		1.25 U	**1.25**	2.49 U	2.5 U	2.51 U
Aroclor 1260	SW8082A		**16.5**	**15.7**	**19.3**	**24.4**	**17.5**
Total PCB Aroclors (U = 0 max limit)	Calculated		**16.5**	**15.7**	**19.3**	**24.4**	**17.5**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**17.7**	**16.9**	**21.8**	**26.9**	**20.0**
PCB Congeners (mg/kg)							
PCB-001	E1668C		**0.000245**	**0.000257**	**0.000175**	**0.000178**	**0.000159**
PCB-002	E1668C		0.00000568 U	0.00000762 U	0.00000365 U	0.00000559 U	0.00000396 U
PCB-003	E1668C		**0.0000189 J**	0.00000927 U	**0.0000162**	**0.0000147**	**0.000011**
PCB-004	E1668C		**0.0116 J**	**0.0104 J**	**0.0101 J**	**0.00973 J**	**0.00763 J**
PCB-005	E1668C		**0.0000109**	0.000010 U	**0.0000109**	**0.00000964**	**0.00000798**
PCB-006	E1668C		**0.00056**	**0.000673**	**0.000543**	**0.000491**	**0.000385**
PCB-007	E1668C		**0.0000436**	**0.000063**	**0.0000402**	**0.0000416**	**0.0000294**
PCB-008	E1668C		**0.000927**	**0.000954**	**0.000888**	**0.000728**	**0.000639**
PCB-009	E1668C		**0.0000879**	**0.000115**	**0.0000788**	**0.0000848**	**0.0000632**
PCB-010	E1668C		**0.000629**	**0.000622**	**0.000546**	**0.000562**	**0.00043**
PCB-011	E1668C		0.00000934 U	0.00000877 U	0.00000465 U	0.00000384 U	0.0000079 U
PCB-012/013	E1668C		**0.0000823**	**0.0000814**	**0.0000899**	**0.0000639**	**0.000064**
PCB-014	E1668C		0.00000513 U	0.00000964 U	0.0000052 U	0.0000043 U	0.00000863 U
PCB-015	E1668C		**0.000312**	**0.000234**	**0.000256**	**0.000142**	**0.00017**
PCB-016	E1668C		**0.000821**	**0.000538**	**0.000753**	**0.000474**	**0.00051**
PCB-017	E1668C		**0.0122 J**	**0.00973 J**	**0.0112 J**	**0.0095 J**	**0.00905 J**
PCB-018/030	E1668C		**0.00525**	**0.00454**	**0.00454**	**0.00361**	**0.00336**
PCB-019	E1668C		**0.0235 J**	**0.0189 J**	**0.0214 J**	**0.021 J**	**0.0162 J**
PCB-020/028	E1668C		**0.0213 J**	**0.0163 J**	**0.0157 J**	**0.0163 J**	**0.0137 J**
PCB-021/033	E1668C		**0.00574**	**0.00449**	**0.00553**	**0.00315**	**0.00487**
PCB-022	E1668C		**0.00146**	**0.00117**	**0.00137**	**0.0012**	**0.00117**
PCB-023	E1668C		0.0000219 U	0.0000219 U	0.0000173 U	0.0000149 U	0.0000129 U
PCB-024	E1668C		**0.0000412**	**0.0000293**	**0.0000368**	**0.0000423**	0.00000593 U
PCB-025	E1668C		**0.00715 J**	**0.0064 J**	**0.00621 J**	**0.00398 J**	**0.00531 J**
PCB-026/029	E1668C		**0.0107 J**	**0.011 J**	**0.00971 J**	**0.00772**	**0.00839 J**
PCB-027	E1668C		**0.00668 J**	**0.00618 J**	**0.00645 J**	**0.00607 J**	**0.0052 J**
PCB-031	E1668C		**0.00741 J**	**0.00638 J**	**0.00615 J**	**0.00498 J**	**0.00518 J**
PCB-032	E1668C		**0.0168 J**	**0.0113 J**	**0.013 J**	**0.0101 J**	**0.0108 J**
PCB-034	E1668C		**0.000307**	**0.000314**	**0.000187**	**0.000218**	**0.000182**
PCB-035	E1668C		0.0000211 U	0.0000215 U	0.0000166 U	0.0000143 U	0.0000126 U
PCB-036	E1668C		0.0000183 U	0.0000185 U	0.0000144 U	0.0000124 U	0.0000109 U
PCB-037	E1668C		**0.000464**	**0.000401**	**0.000379**	**0.000318**	**0.000294**
PCB-038	E1668C		**0.000226**	**0.000148**	**0.000211**	**0.000161**	**0.000178**
PCB-039	E1668C		**0.0000525**	**0.0000523**	**0.0000618**	**0.0000167**	**0.0000378**
PCB-040/071	E1668C		**0.0411 J**	**0.0228 J**	**0.0245 J**	**0.0163 J**	**0.029 J**
PCB-041	E1668C		0.000013 U	0.0000193 U	0.0000161 U	0.0000112 U	0.0000133 U
PCB-042	E1668C		**0.0233 J**	**0.00984 J**	**0.0171 J**	**0.0188 J**	**0.0172 J**
PCB-043	E1668C		**0.00102**	**0.000633**	**0.000638**	**0.000518**	**0.000703**
PCB-044/047/065	E1668C		**0.775 J**	**0.443 J**	**0.649 J**	**0.585 J**	**0.704 J**
PCB-045	E1668C		0.0000126 U	0.0000171 U	0.0000156 U	0.0000108 U	0.0000119 U
PCB-046	E1668C		**0.0051 J**	**0.0028**	**0.00306**	**0.00177**	**0.00311**
PCB-048	E1668C		**0.00105**	**0.000774**	**0.00093**	**0.000801**	**0.000977**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-05-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-06-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-06-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-07-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-07-YOY-240910 2024-09-10 N TA
PCB-049/069	E1668C		**0.345 J**	**0.198 J**	**0.283 J**	**0.301 J**	**0.293 J**
PCB-050/053	E1668C		**0.0941 J**	**0.0629 J**	**0.061 J**	**0.0451 J**	**0.0665 J**
PCB-051	E1668C		**0.148 J**	**0.0857 J**	**0.106 J**	**0.0657 J**	**0.134 J**
PCB-052	E1668C		**0.154 J**	**0.113 J**	**0.134 J**	**0.152 J**	**0.135 J**
PCB-054	E1668C		**0.0154 J**	**0.0103 J**	**0.0136 J**	**0.0101 J**	**0.00981 J**
PCB-055	E1668C		0.0000541 U	0.0000678 U	0.0000458 U	0.0000682 U	0.0000613 U
PCB-056	E1668C		**0.00274**	**0.00168**	**0.00219**	**0.00217**	**0.00222**
PCB-057	E1668C		**0.0013**	**0.000814**	**0.000967**	**0.000829**	**0.00104**
PCB-058	E1668C		**0.00177**	**0.000703**	**0.00085**	**0.00134**	**0.00196**
PCB-059/062/075	E1668C		**0.0156 J**	**0.00851**	**0.0121 J**	**0.0112**	**0.0131 J**
PCB-060	E1668C		**0.001**	**0.00105**	**0.00108**	**0.00156**	**0.00127**
PCB-061/070/074/076	E1668C		**0.0349 J**	**0.0192 J**	**0.0287 J**	**0.0289 J**	**0.0299 J**
PCB-063	E1668C		**0.00682 J**	**0.00309**	**0.00501 J**	**0.00584 J**	**0.00592 J**
PCB-064	E1668C		**0.00894 J**	**0.00522 J**	**0.00777 J**	**0.00909 J**	**0.00791 J**
PCB-066	E1668C		**0.0611 J**	**0.0316 J**	**0.046 J**	**0.0503 J**	**0.0539 J**
PCB-067	E1668C		**0.00441 J**	**0.00241**	**0.00434 J**	**0.00331**	**0.00443 J**
PCB-068	E1668C		**0.0199 J**	**0.00823 J**	**0.0131 J**	**0.0142 J**	**0.0151 J**
PCB-072	E1668C		**0.0088 J**	**0.00435 J**	**0.00632 J**	**0.00698 J**	**0.00738 J**
PCB-073	E1668C		**0.00806 J**	**0.00573 J**	**0.00534 J**	**0.00388**	**0.0061 J**
PCB-077	E1668C		**0.00191**	**0.000765**	**0.00163**	**0.00103**	**0.00138**
PCB-078	E1668C		0.0000617 U	0.000076 U	0.0000522 U	0.0000778 U	0.0000689 U
PCB-079	E1668C		**0.00238**	**0.0013**	**0.00253**	**0.00223**	**0.00233**
PCB-080	E1668C		0.0000566 U	0.0000706 U	0.0000479 U	0.0000714 U	0.000063 U
PCB-081	E1668C		0.0000648 U	0.0000822 U	0.0000548 U	0.0000817 U	0.0000729 U
PCB-082	E1668C		**0.0107 J**	**0.00681 J**	**0.0108 J**	**0.0114 J**	**0.0105 J**
PCB-083	E1668C		**0.0199 J**	**0.0169 J**	**0.0343 J**	**0.0389 J**	**0.0147 J**
PCB-084	E1668C		**0.0255 J**	**0.0168 J**	**0.0254 J**	**0.0235 J**	**0.0234 J**
PCB-085/116	E1668C		**0.0436 J**	**0.0332 J**	**0.0419 J**	**0.046 J**	**0.0371 J**
PCB-086/087/097/109/119/125	E1668C		**0.214 J**	**0.138 J**	**0.202 J**	**0.202 J**	**0.193 J**
PCB-088	E1668C		0.00128 U	0.0000146 U	0.00013 U	0.000183 U	0.00000867 U
PCB-089	E1668C		0.00115 U	**0.000221**	0.000117 U	0.000164 U	**0.000366**
PCB-090/101/113	E1668C		**0.813 J**	**0.574 J**	**0.789 J**	**0.839 J**	**0.756 J**
PCB-091	E1668C		**0.189 J**	**0.106 J**	**0.179 J**	**0.187 J**	**0.169 J**
PCB-092	E1668C		**0.206 J**	**0.142 J**	**0.19 J**	**0.208 J**	**0.182 J**
PCB-093/100	E1668C		**0.182 J**	**0.101 J**	**0.177 J**	**0.153 J**	**0.173 J**
PCB-094	E1668C		**0.0193 J**	**0.00863 J**	**0.0119 J**	**0.00638 J**	**0.0132 J**
PCB-095	E1668C		**0.245 J**	**0.207 J**	**0.243 J**	**0.28 J**	**0.228 J**
PCB-096	E1668C		**0.00668 J**	**0.00434 J**	**0.00546 J**	**0.00328**	**0.00464 J**
PCB-098	E1668C		**0.00307**	**0.00173**	**0.00127**	**0.00248**	**0.00191**
PCB-099	E1668C		**0.345 J**	**0.21 J**	**0.317 J**	**0.31 J**	**0.316 J**
PCB-102	E1668C		**0.0175 J**	**0.00839 J**	**0.0133 J**	**0.00842 J**	**0.0147 J**
PCB-103	E1668C		**0.0629 J**	**0.0399 J**	**0.0566 J**	**0.0595 J**	**0.056 J**
PCB-104	E1668C		**0.00674 J**	**0.0031**	**0.00709 J**	**0.00378**	**0.00611 J**
PCB-105	E1668C		**0.0637 J**	**0.0571 J**	**0.0738 J**	**0.0708 J**	**0.0565 J**
PCB-106	E1668C		0.000828 U	**0.0000826**	0.0000841 U	0.000119 U	0.00000549 U
PCB-107	E1668C		**0.037 J**	**0.0171 J**	**0.034 J**	**0.0328 J**	**0.0308 J**
PCB-108/124	E1668C		**0.0104 J**	**0.00777**	**0.00881 J**	**0.00766**	**0.0082 J**
PCB-110	E1668C		**0.327 J**	**0.24 J**	**0.315 J**	**0.341 J**	**0.282 J**
PCB-111	E1668C		**0.00447 J**	**0.00234**	**0.00371**	**0.00359**	**0.00387 J**
PCB-112	E1668C		**0.000793**	0.00000887 U	**0.00069**	**0.000701**	**0.000883**
PCB-114	E1668C		**0.00589 J**	**0.00373**	**0.0054 J**	**0.00569 J**	**0.0047 J**
PCB-115	E1668C		0.000758 U	0.00000848 U	0.000077 U	0.000109 U	0.00000519 U
PCB-117	E1668C		**0.0365 J**	**0.0223 J**	**0.0345 J**	**0.0354 J**	**0.0316 J**
PCB-118	E1668C		**0.252 J**	**0.186 J**	**0.283 J**	**0.266 J**	**0.246 J**
PCB-120	E1668C		**0.0104 J**	**0.00539 J**	**0.00955 J**	**0.00908 J**	**0.00852 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-05-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-06-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-06-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-07-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-07-YOY-240910 2024-09-10 N TA
PCB-121	E1668C		**0.00399 J**	**0.00278**	**0.00404 J**	**0.00391**	**0.00405 J**
PCB-122	E1668C		**0.00263**	**0.00171**	**0.00196**	**0.00207**	**0.00183**
PCB-123	E1668C		**0.00646 J**	**0.00437 J**	**0.00531 J**	**0.00638 J**	**0.00502 J**
PCB-126	E1668C		**0.00192**	**0.00096**	**0.0018**	**0.00106**	**0.00173**
PCB-127	E1668C		**0.0017**	0.00000884 U	0.000105 U	0.000143 U	0.00000519 U
PCB-128/166	E1668C		**0.142 J**	**0.158 J**	**0.139 J**	**0.146 J**	**0.136 J**
PCB-129/138/163	E1668C		**0.507 J**	**0.671 J**	**0.531 J**	**0.585 J**	**0.502 J**
PCB-130	E1668C		**0.0309 J**	**0.0259 J**	**0.0324 J**	**0.0335 J**	**0.0308 J**
PCB-131	E1668C		**0.00222**	**0.00149**	**0.00245**	**0.00231**	**0.0023**
PCB-132	E1668C		**0.0759 J**	**0.0696 J**	**0.0888 J**	**0.0929 J**	**0.0828 J**
PCB-133	E1668C		**0.0168 J**	**0.0152 J**	**0.0175 J**	**0.0181 J**	**0.0163 J**
PCB-134	E1668C		**0.0174 J**	**0.0131 J**	**0.019 J**	**0.0188 J**	**0.0166 J**
PCB-135/151	E1668C		**0.212 J**	**0.241 J**	**0.219 J**	**0.242 J**	**0.208 J**
PCB-136	E1668C		**0.106 J**	**0.0934 J**	**0.115 J**	**0.118 J**	**0.0953 J**
PCB-137	E1668C		**0.0127 J**	**0.00881 J**	**0.0134 J**	**0.0124 J**	**0.0129 J**
PCB-139/140	E1668C		**0.00713**	**0.00526**	**0.00762 J**	**0.00733**	**0.00697**
PCB-141	E1668C		**0.14 J**	**0.125 J**	**0.149 J**	**0.149 J**	**0.136 J**
PCB-142	E1668C		0.00000829 U	0.00000866 U	0.0000085 U	0.0000044 U	0.00000498 U
PCB-143	E1668C		0.00000739 U	0.00000817 U	0.00000758 U	0.00000392 U	0.00000461 U
PCB-144	E1668C		**0.025 J**	**0.0226 J**	**0.028 J**	**0.0291 J**	**0.0261 J**
PCB-145	E1668C		**0.000142**	**0.00012**	**0.000136**	**0.0000784**	0.00000694 U
PCB-146	E1668C		**0.15 J**	**0.144 J**	**0.155 J**	**0.157 J**	**0.143 J**
PCB-147/149	E1668C		**0.43 J**	**0.6 J**	**0.451 J**	**0.5 J**	**0.413 J**
PCB-148	E1668C		**0.0053 J**	**0.0036**	**0.00579 J**	**0.00539 J**	**0.00548 J**
PCB-150	E1668C		**0.0141 J**	**0.00886 J**	**0.0149 J**	**0.0135 J**	**0.013 J**
PCB-152	E1668C		**0.00619 J**	**0.00232**	**0.00495 J**	**0.0031**	**0.00464 J**
PCB-153/168	E1668C		**0.483 J**	**0.718 J**	**0.514 J**	**0.552 J**	**0.475 J**
PCB-154	E1668C		**0.0239 J**	**0.0182 J**	**0.0258 J**	**0.0249 J**	**0.0239 J**
PCB-155	E1668C		**0.00284**	**0.00203**	**0.003**	**0.00252**	**0.0025**
PCB-156/157	E1668C		**0.107 J**	**0.0689 J**	**0.105 J**	**0.099 J**	**0.0934 J**
PCB-158	E1668C		**0.048 J**	**0.0412 J**	**0.052 J**	**0.0527 J**	**0.0479 J**
PCB-159	E1668C		**0.0168 J**	**0.0197 J**	**0.0191 J**	**0.0183 J**	**0.0169 J**
PCB-160	E1668C		0.0000063 U	0.00000669 U	0.00000647 U	0.00000335 U	0.00000371 U
PCB-161	E1668C		0.00000528 U	0.00000555 U	0.00000541 U	0.0000028 U	0.00000316 U
PCB-162	E1668C		**0.00952 J**	**0.0053 J**	**0.00861 J**	**0.00708 J**	**0.00784 J**
PCB-164	E1668C		**0.0327 J**	**0.033 J**	**0.0338 J**	**0.0346 J**	**0.0311 J**
PCB-165	E1668C		**0.00238**	**0.00214**	**0.00255**	**0.0022**	**0.00229**
PCB-167	E1668C		**0.0716 J**	**0.0543 J**	**0.0677 J**	**0.0636 J**	**0.0659 J**
PCB-169	E1668C		**0.00526 J**	**0.00459 J**	**0.00496 J**	**0.00503 J**	**0.00456 J**
PCB-170	E1668C		**0.56 J**	**0.402 J**	**0.577 J**	**0.538 J**	**0.526 J**
PCB-171/173	E1668C		**0.0956 J**	**0.0713 J**	**0.0893 J**	**0.0971 J**	**0.0902 J**
PCB-172	E1668C		**0.0779 J**	**0.0638 J**	**0.0719 J**	**0.0746 J**	**0.0713 J**
PCB-174	E1668C		**0.243 J**	**0.244 J**	**0.229 J**	**0.259 J**	**0.24 J**
PCB-175	E1668C		**0.0159 J**	**0.0108 J**	**0.0104 J**	**0.0157 J**	**0.0155 J**
PCB-176	E1668C		**0.0709 J**	**0.0443 J**	**0.0694 J**	**0.0736 J**	**0.0558 J**
PCB-177	E1668C		**0.164 J**	**0.156 J**	**0.158 J**	**0.197 J**	**0.156 J**
PCB-178	E1668C		**0.212 J**	**0.146 J**	**0.187 J**	**0.206 J**	**0.149 J**
PCB-179	E1668C		**0.164 J**	**0.0938 J**	**0.156 J**	**0.173 J**	**0.121 J**
PCB-180/193	E1668C		**0.764 J**	**0.845 J**	**0.695 J**	**0.789 J**	**0.697 J**
PCB-181	E1668C		**0.0021**	**0.00157**	**0.00196**	**0.00201**	**0.00192**
PCB-182	E1668C		**0.00273**	**0.00266**	**0.00254**	**0.00285**	**0.00251**
PCB-183	E1668C		**0.254 J**	**0.183 J**	**0.237 J**	**0.248 J**	**0.226 J**
PCB-184	E1668C		**0.000767**	**0.000363**	**0.00069**	**0.000593**	**0.000538**
PCB-185	E1668C		**0.0455 J**	**0.0354 J**	**0.0393 J**	**0.044 J**	**0.0432 J**
PCB-186	E1668C		0.0000126 U	0.00000943 U	**0.0000806**	**0.0000556 J**	**0.0000562 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-05-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-06-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-06-YOY-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-07-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-07-YOY-240910 2024-09-10 N TA
PCB-187	E1668C		**0.536 J**	**0.92 J**	**0.474 J**	**0.615 J**	**0.48 J**
PCB-188	E1668C		**0.00494 J**	**0.00242**	**0.00454 J**	**0.00413 J**	**0.00362**
PCB-189	E1668C		**0.0293 J**	**0.0205 J**	**0.0253 J**	**0.0259 J**	**0.025 J**
PCB-190	E1668C		**0.129 J**	**0.102 J**	**0.136 J**	**0.125 J**	**0.123 J**
PCB-191	E1668C		**0.0155 J**	**0.0127 J**	**0.0146 J**	**0.0156 J**	**0.0143 J**
PCB-192	E1668C		0.000060 U	0.0000743 U	0.0000562 U	0.0000543 U	0.0000402 U
PCB-194	E1668C		**0.285 J**	**0.202 J**	**0.296 J**	**0.261 J**	**0.253 J**
PCB-195	E1668C		**0.12 J**	**0.0857 J**	**0.128 J**	**0.118 J**	**0.105 J**
PCB-196	E1668C		**0.15 J**	**0.117 J**	**0.173 J**	**0.14 J**	**0.169 J**
PCB-197	E1668C		**0.0117 J**	**0.00911 J**	**0.0142 J**	**0.0111 J**	**0.0131 J**
PCB-198/199	E1668C		**0.285 J**	**0.31 J**	**0.32 J**	**0.288 J**	**0.31 J**
PCB-200	E1668C		**0.0197 J**	**0.0183 J**	**0.0253 J**	**0.0243 J**	**0.0238 J**
PCB-201	E1668C		**0.0341 J**	**0.0268 J**	**0.0409 J**	**0.0347 J**	**0.0378 J**
PCB-202	E1668C		**0.0357 J**	**0.039 J**	**0.0424 J**	**0.0435 J**	**0.0378 J**
PCB-203	E1668C		**0.198 J**	**0.161 J**	**0.221 J**	**0.174 J**	**0.224 J**
PCB-204	E1668C		**0.0000967**	**0.0000594 J**	**0.000118**	**0.000082**	**0.000119**
PCB-205	E1668C		**0.0169 J**	**0.0131 J**	**0.0176 J**	**0.0166 J**	**0.0151 J**
PCB-206	E1668C		**0.0462 J**	**0.0446 J**	**0.0465 J**	**0.0516 J**	**0.0416 J**
PCB-207	E1668C		**0.00662 J**	**0.00529 J**	**0.00739 J**	**0.00737 J**	**0.00623 J**
PCB-208	E1668C		**0.00749 J**	**0.00696 J**	**0.00834 J**	**0.00943 J**	**0.00697 J**
PCB-209	E1668C		**0.00175**	**0.00141**	**0.00169**	**0.00188**	**0.0014**
Total PCB Congener (U = 0 max limit)	Calculated		**12 J**	**11 J**	**12 J**	**12 J**	**11 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**12 J**	**11 J**	**12 J**	**12 J**	**11 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-08-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-09-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-03-ADLT-250102 2025-01-02 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.68 J**	**1.2 J**	**2.3 J**	**1.0 J**	**1.3 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.375 U	2.5 U	0.75 U	1.25 U	0.498 U
Aroclor 1221	SW8082A		0.375 U	2.5 U	0.75 U	1.25 U	0.498 U
Aroclor 1232	SW8082A		0.375 U	2.5 U	0.75 U	1.25 U	0.498 U
Aroclor 1242	SW8082A		0.375 U	2.5 U	0.75 U	1.25 U	0.498 U
Aroclor 1248	SW8082A		0.375 U	2.5 U	**0.563 J**	1.25 U	**0.364 J**
Aroclor 1254	SW8082A		0.375 U	2.5 U	0.75 U	1.25 U	**2.37**
Aroclor 1260	SW8082A		**3.86**	**15.8**	**14**	**11.1**	**5.49**
Total PCB Aroclors (U = 0 max limit)	Calculated		**3.86**	**15.8**	**15 J**	**11.1**	**8.22 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**4.23**	**18.3**	**15 J**	**12.3**	**8.55 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		**0.0000725**	**0.000165**	**0.000321**	**0.000173**	**0.000224**
PCB-002	E1668C		0.00000458 U	0.00000433 U	0.00000411 U	0.0000065 U	0.00000484 U
PCB-003	E1668C		0.00000541 U	0.00000527 U	**0.0000273**	0.0000072 U	**0.0000219**
PCB-004	E1668C		**0.00346**	**0.00762 J**	**0.0149 J**	**0.0101 J**	**0.0112 J**
PCB-005	E1668C		0.00000771 U	0.00000445 U	**0.0000164**	**0.000014**	**0.0000174**
PCB-006	E1668C		**0.00018**	**0.000392**	**0.000815**	**0.000627**	**0.000744**
PCB-007	E1668C		**0.0000117**	**0.0000322**	**0.000044**	**0.0000356**	**0.0000465**
PCB-008	E1668C		**0.000273**	**0.000606**	**0.00128**	**0.00114**	**0.00152**
PCB-009	E1668C		**0.0000257**	**0.0000622**	**0.000135**	**0.000112**	**0.000147**
PCB-010	E1668C		**0.000202**	**0.000461**	**0.000895**	**0.00063**	**0.000643**
PCB-011	E1668C		0.00000676 U	0.0000039 U	0.000011 U	0.00000928 U	0.00000943 U
PCB-012/013	E1668C		**0.0000293**	**0.0000603**	**0.000145**	**0.0000919**	**0.000207**
PCB-014	E1668C		0.00000756 U	0.00000429 U	0.00000854 U	0.0000047 U	0.00000635 U
PCB-015	E1668C		**0.0000746**	**0.000126**	**0.000864**	**0.000322**	**0.00102**
PCB-016	E1668C		**0.000209**	**0.000406**	**0.00099**	**0.0011**	**0.00112**
PCB-017	E1668C		**0.00383 J**	**0.00786 J**	**0.0155 J**	**0.0134 J**	**0.0136 J**
PCB-018/030	E1668C		**0.00164**	**0.00314**	**0.00366**	**0.00391**	**0.00425**
PCB-019	E1668C		**0.00759 J**	**0.0155 J**	**0.0284 J**	**0.0234 J**	**0.0257 J**
PCB-020/028	E1668C		**0.00335**	**0.00837 J**	**0.0347 J**	**0.0187 J**	**0.0181 J**
PCB-021/033	E1668C		**0.00132**	**0.0031**	**0.00882 J**	**0.00673**	**0.00584**
PCB-022	E1668C		**0.000271**	**0.000624**	**0.00218**	**0.00197**	**0.00245**
PCB-023	E1668C		0.0000111 U	0.0000166 U	0.000014 U	0.0000156 U	0.0000119 U
PCB-024	E1668C		0.00000446 U	0.00000518 U	**0.0000517**	**0.000054**	**0.0000551**
PCB-025	E1668C		**0.00153**	**0.00356**	**0.0074 J**	**0.0019**	**0.00457 J**
PCB-026/029	E1668C		**0.00232**	**0.00541**	**0.00971 J**	**0.00647**	**0.00752**
PCB-027	E1668C		**0.00249**	**0.00496 J**	**0.00842 J**	**0.00739**	**0.00795 J**
PCB-031	E1668C		**0.00148**	**0.00333**	**0.0109 J**	**0.00705**	**0.0109 J**
PCB-032	E1668C		**0.00448 J**	**0.00905 J**	**0.0268 J**	**0.0171 J**	**0.0161 J**
PCB-034	E1668C		**0.0000539**	**0.000138**	**0.000468**	**0.000189**	**0.000152**
PCB-035	E1668C		0.0000107 U	0.0000163 U	0.0000136 U	0.0000144 U	0.0000116 U
PCB-036	E1668C		0.00000928 U	0.000014 U	0.0000118 U	0.0000126 U	0.000010 U
PCB-037	E1668C		**0.0000884**	**0.000203**	**0.000757**	**0.000481**	**0.00129**
PCB-038	E1668C		**0.0000482**	**0.000121**	**0.000262**	**0.000216**	**0.00013**
PCB-039	E1668C		0.0000101 U	**0.0000243**	0.0000127 U	**0.0000662**	**0.000105**
PCB-040/071	E1668C		**0.00792 J**	**0.0193 J**	**0.0812 J**	**0.0342 J**	**0.0219 J**
PCB-041	E1668C		0.0000181 U	0.0000104 U	0.0000118 U	0.00000888 U	0.00000835 U
PCB-042	E1668C		**0.00342**	**0.00884 J**	**0.04 J**	**0.0161 J**	**0.0113 J**
PCB-043	E1668C		**0.000209**	**0.000451**	**0.00075**	**0.000529**	**0.000473**
PCB-044/047/065	E1668C		**0.156 J**	**0.376 J**	**1.04 J**	**0.512 J**	**0.371 J**
PCB-045	E1668C		0.0000176 U	0.00000921 U	0.0000106 U	**0.00863 J**	0.00000749 U
PCB-046	E1668C		**0.000887**	**0.00203**	**0.0102 J**	**0.00419**	**0.00388 J**
PCB-048	E1668C		**0.000232**	**0.000649**	**0.00129**	**0.00169**	**0.00218**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-08-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-09-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-03-ADLT-250102 2025-01-02 N TA
PCB-049/069	E1668C		**0.0677 J**	**0.165 J**	**0.519 J**	**0.25 J**	**0.161 J**
PCB-050/053	E1668C		**0.0205 J**	**0.0491 J**	**0.126 J**	**0.0758 J**	**0.0543 J**
PCB-051	E1668C		**0.0313 J**	**0.0841 J**	**0.274 J**	**0.147 J**	**0.111 J**
PCB-052	E1668C		**0.0359 J**	**0.0904 J**	**0.0456 J**	**0.0372 J**	**0.0659 J**
PCB-054	E1668C		**0.00343**	**0.00955 J**	**0.0162 J**	**0.0115 J**	**0.0108 J**
PCB-055	E1668C		0.0000397 U	0.0000436 U	0.0000727 U	0.0000763 U	0.0000353 U
PCB-056	E1668C		**0.000533**	**0.00125**	**0.00486 J**	**0.00324**	**0.00546 J**
PCB-057	E1668C		**0.000265**	**0.000605**	**0.0015**	**0.000608**	**0.000484**
PCB-058	E1668C		**0.000316**	**0.000539**	**0.00179**	**0.000981**	**0.000948**
PCB-059/062/075	E1668C		**0.00301**	**0.00743**	**0.0217 J**	**0.0132**	**0.00834**
PCB-060	E1668C		**0.000281**	**0.000816**	**0.00122**	**0.00233**	**0.00349**
PCB-061/070/074/076	E1668C		**0.00623**	**0.016 J**	**0.0671 J**	**0.0364 J**	**0.0559 J**
PCB-063	E1668C		**0.00115**	**0.00291**	**0.0108 J**	**0.00473**	**0.00306**
PCB-064	E1668C		**0.00173**	**0.00459 J**	**0.0161 J**	**0.0097 J**	**0.0103 J**
PCB-066	E1668C		**0.0102 J**	**0.0275 J**	**0.101 J**	**0.0471 J**	**0.0351 J**
PCB-067	E1668C		**0.00088**	**0.00221**	**0.00406 J**	**0.00291**	**0.00192**
PCB-068	E1668C		**0.00313**	**0.00764 J**	**0.0251 J**	**0.0111 J**	**0.00585 J**
PCB-072	E1668C		**0.00152**	**0.00398 J**	**0.0109 J**	**0.00462**	**0.00297**
PCB-073	E1668C		**0.00212**	**0.0045 J**	**0.0126 J**	**0.00747**	**0.0042 J**
PCB-077	E1668C		**0.000232**	**0.000583**	**0.00213**	**0.000977**	**0.00105**
PCB-078	E1668C		**0.0001**	0.0000489 U	0.0000818 U	0.0000841 U	0.0000397 U
PCB-079	E1668C		**0.000481**	**0.00131**	**0.00335**	**0.00193**	**0.00159**
PCB-080	E1668C		0.0000416 U	0.0000454 U	**0.000149**	0.0000785 U	0.0000363 U
PCB-081	E1668C		0.0000476 U	0.0000529 U	0.0000865 U	0.0000867 U	0.000042 U
PCB-082	E1668C		**0.0021**	**0.00695 J**	**0.0124 J**	**0.01 J**	**0.0106 J**
PCB-083	E1668C		**0.0053 J**	**0.0116 J**	**0.0235 J**	**0.0158 J**	**0.00637 J**
PCB-084	E1668C		**0.00519 J**	**0.016 J**	**0.037 J**	**0.0266 J**	**0.0286 J**
PCB-085/116	E1668C		**0.00876 J**	**0.0291 J**	**0.0416 J**	**0.0318 J**	**0.025 J**
PCB-086/087/097/109/119/125	E1668C		**0.0427 J**	**0.132 J**	**0.245 J**	**0.172 J**	**0.126 J**
PCB-088	E1668C		0.0000965 U	0.0000131 U	0.0000592 U	0.00000464 U	0.0000119 U
PCB-089	E1668C		0.0000866 U	**0.000265**	**0.000856**	**0.000713**	**0.000698**
PCB-090/101/113	E1668C		**0.174 J**	**0.537 J**	**0.749 J**	**0.502 J**	**0.359 J**
PCB-091	E1668C		**0.0358 J**	**0.102 J**	**0.23 J**	**0.138 J**	**0.0697 J**
PCB-092	E1668C		**0.042 J**	**0.13 J**	**0.144 J**	**0.0945 J**	**0.0667 J**
PCB-093/100	E1668C		**0.0362 J**	**0.105 J**	**0.156 J**	**0.151 J**	**0.0743 J**
PCB-094	E1668C		**0.00291**	**0.00921 J**	**0.0287 J**	**0.0178 J**	**0.00729 J**
PCB-095	E1668C		**0.0571 J**	**0.178 J**	**0.232 J**	**0.18 J**	**0.149 J**
PCB-096	E1668C		**0.00123**	**0.00411 J**	**0.0108 J**	**0.00741**	**0.00417 J**
PCB-098	E1668C		**0.000458**	**0.00108**	**0.0042 J**	**0.00637**	**0.00143**
PCB-099	E1668C		**0.0657 J**	**0.197 J**	**0.389 J**	**0.265 J**	**0.138 J**
PCB-102	E1668C		**0.00304**	**0.0102 J**	**0.0279 J**	**0.0147 J**	**0.00929 J**
PCB-103	E1668C		**0.0136 J**	**0.0378 J**	**0.0592 J**	**0.0468 J**	**0.0217 J**
PCB-104	E1668C		**0.00126**	**0.004 J**	**0.00444 J**	**0.00472**	**0.00334**
PCB-105	E1668C		**0.0136 J**	**0.0417 J**	**0.0557 J**	**0.052 J**	**0.0529 J**
PCB-106	E1668C		0.0000624 U	0.0000090 U	0.0000375 U	0.0000029 U	0.00000751 U
PCB-107	E1668C		**0.00573 J**	**0.0183 J**	**0.0366 J**	**0.0211 J**	**0.013 J**
PCB-108/124	E1668C		**0.00194**	**0.00618**	**0.00993 J**	**0.00623**	**0.00646**
PCB-110	E1668C		**0.0666 J**	**0.221 J**	**0.359 J**	**0.263 J**	**0.186 J**
PCB-111	E1668C		**0.000705**	**0.00243**	**0.00449 J**	**0.00252**	**0.00115**
PCB-112	E1668C		0.0000559 U	0.00000796 U	**0.000915**	**0.00114**	**0.00039**
PCB-114	E1668C		**0.000973**	**0.00338**	**0.00486 J**	**0.00408**	**0.00349**
PCB-115	E1668C		0.0000571 U	0.00000761 U	0.0000355 U	0.00000263 U	0.0000071 U
PCB-117	E1668C		**0.00753 J**	**0.0207 J**	**0.0376 J**	**0.0273 J**	**0.0152 J**
PCB-118	E1668C		**0.0505 J**	**0.181 J**	**0.244 J**	**0.217 J**	**0.172 J**
PCB-120	E1668C		**0.00161**	**0.00527 J**	**0.0101 J**	0.00000239 U	**0.00243**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-08-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-09-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-03-ADLT-250102 2025-01-02 N TA
PCB-121	E1668C		**0.000839**	**0.00266**	**0.00365**	**0.00366**	**0.00182**
PCB-122	E1668C		**0.000399**	**0.00147**	**0.00222**	**0.0019**	**0.00181**
PCB-123	E1668C		**0.00122**	**0.00387**	**0.00562 J**	**0.00423**	**0.00295**
PCB-126	E1668C		**0.000226**	**0.000677**	**0.00137**	**0.000735**	**0.000298**
PCB-127	E1668C		0.0000558 U	**0.000985**	0.0000364 U	0.00000333 U	0.00000826 U
PCB-128/166	E1668C		**0.034 J**	**0.117 J**	**0.111 J**	**0.0953 J**	**0.0725 J**
PCB-129/138/163	E1668C		**0.294 J**	**0.567 J**	**0.638 J**	**0.938 J**	**0.486 J**
PCB-130	E1668C		**0.0134 J**	**0.0237 J**	**0.0375 J**	**0.0437 J**	**0.0213 J**
PCB-131	E1668C		**0.000944**	**0.00168**	**0.0026**	**0.00402**	**0.00211**
PCB-132	E1668C		**0.0339 J**	**0.067 J**	**0.122 J**	**0.167 J**	**0.0779 J**
PCB-133	E1668C		**0.00778 J**	**0.014 J**	**0.0192 J**	**0.0225 J**	**0.0104 J**
PCB-134	E1668C		**0.00818 J**	**0.0131 J**	**0.0231 J**	**0.034 J**	**0.0143 J**
PCB-135/151	E1668C		**0.105 J**	**0.215 J**	**0.265 J**	**0.351 J**	**0.154 J**
PCB-136	E1668C		**0.022 J**	**0.0702 J**	**0.146 J**	**0.122 J**	**0.063 J**
PCB-137	E1668C		**0.00475 J**	**0.0093 J**	**0.0124 J**	**0.017 J**	**0.00932 J**
PCB-139/140	E1668C		**0.00299**	**0.00541**	**0.00798 J**	**0.011**	**0.00504**
PCB-141	E1668C		**0.0659 J**	**0.123 J**	**0.102 J**	**0.159 J**	**0.0844 J**
PCB-142	E1668C		0.0000125 U	0.00000469 U	0.00000788 U	0.00000211 U	0.00000892 U
PCB-143	E1668C		0.0000112 U	0.00000443 U	0.00000729 U	0.00000183 U	0.00000825 U
PCB-144	E1668C		**0.0123 J**	**0.0221 J**	**0.0268 J**	**0.0404 J**	**0.0182 J**
PCB-145	E1668C		0.000013 U	0.00000625 U	0.00000898 U	**0.000189**	**0.000123**
PCB-146	E1668C		**0.0635 J**	**0.129 J**	**0.162 J**	**0.186 J**	**0.091 J**
PCB-147/149	E1668C		**0.248 J**	**0.488 J**	**0.521 J**	**0.664 J**	**0.372 J**
PCB-148	E1668C		**0.00222**	**0.00397 J**	**0.00561 J**	**0.00786 J**	**0.00336**
PCB-150	E1668C		**0.00274**	**0.00771 J**	**0.0129 J**	**0.0116 J**	**0.00479 J**
PCB-152	E1668C		**0.000787**	**0.00271**	**0.00607 J**	**0.0045**	**0.00223**
PCB-153/168	E1668C		**0.35 J**	**0.557 J**	**0.591 J**	**0.691 J**	**0.496 J**
PCB-154	E1668C		**0.0108 J**	**0.0202 J**	**0.0265 J**	**0.0361 J**	**0.0145 J**
PCB-155	E1668C		**0.000609**	**0.00156**	**0.00161**	**0.00217**	**0.00108**
PCB-156/157	E1668C		**0.0193 J**	**0.0648 J**	**0.0714 J**	**0.0652 J**	**0.0453 J**
PCB-158	E1668C		**0.0211 J**	**0.0405 J**	**0.0524 J**	**0.0739 J**	**0.038 J**
PCB-159	E1668C		**0.00475 J**	**0.0142 J**	**0.0142 J**	**0.0141 J**	**0.0077 J**
PCB-160	E1668C		0.00000954 U	0.00000362 U	0.00000587 U	0.00000112 U	0.00000665 U
PCB-161	E1668C		0.00000798 U	0.00000301 U	0.0000050 U	0.00000136 U	0.00000566 U
PCB-162	E1668C		**0.00147**	**0.00486 J**	**0.00689 J**	**0.00419**	**0.00242**
PCB-164	E1668C		**0.0163 J**	**0.0295 J**	**0.0337 J**	**0.0464 J**	**0.0228 J**
PCB-165	E1668C		**0.00111**	**0.00207**	**0.00258**	**0.00605**	**0.00167**
PCB-167	E1668C		**0.0125 J**	**0.0439 J**	**0.053 J**	**0.0424 J**	**0.0268 J**
PCB-169	E1668C		**0.00116**	**0.00382**	**0.00423 J**	**0.00369**	**0.00213**
PCB-170	E1668C		**0.156 J**	**0.387 J**	**0.42 J**	**0.389 J**	**0.274 J**
PCB-171/173	E1668C		**0.0309 J**	**0.0678 J**	**0.099 J**	**0.118 J**	**0.0507 J**
PCB-172	E1668C		**0.0261 J**	**0.0567 J**	**0.0683 J**	**0.0724 J**	**0.0355 J**
PCB-174	E1668C		**0.0982 J**	**0.199 J**	**0.246 J**	**0.28 J**	**0.137 J**
PCB-175	E1668C		**0.0049 J**	**0.0107 J**	**0.0157 J**	**0.0179 J**	**0.00812 J**
PCB-176	E1668C		**0.0124 J**	**0.0417 J**	**0.0587 J**	**0.0495 J**	**0.0297 J**
PCB-177	E1668C		**0.0648 J**	**0.131 J**	**0.2 J**	**0.223 J**	**0.103 J**
PCB-178	E1668C		**0.0379 J**	**0.131 J**	**0.149 J**	**0.119 J**	**0.0758 J**
PCB-179	E1668C		**0.0265 J**	**0.0928 J**	**0.162 J**	**0.142 J**	**0.0795 J**
PCB-180/193	E1668C		**0.328 J**	**0.727 J**	**0.814 J**	**0.802 J**	**0.482 J**
PCB-181	E1668C		**0.000719**	**0.00146**	**0.00172**	**0.00234**	**0.00111**
PCB-182	E1668C		**0.000946**	**0.00253**	**0.00247**	**0.00398**	**0.00127**
PCB-183	E1668C		**0.0817 J**	**0.175 J**	**0.224 J**	**0.257 J**	**0.12 J**
PCB-184	E1668C		**0.000107 J**	**0.00036**	**0.000412**	**0.000391**	**0.000208**
PCB-185	E1668C		**0.0167 J**	**0.0331 J**	**0.0435 J**	**0.0541 J**	**0.0234 J**
PCB-186	E1668C		0.00000883 U	**0.000031**	**0.0000452**	**0.0000509 J**	0.0000067 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-08-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01LB-09-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-03-ADLT-250102 2025-01-02 N TA
PCB-187	E1668C		**0.249 J**	**0.629 J**	**0.543 J**	**0.658 J**	**0.344 J**
PCB-188	E1668C		**0.000858**	**0.00246**	**0.0027**	**0.00277**	**0.00156**
PCB-189	E1668C		**0.00423 J**	**0.0146 J**	**0.018 J**	**0.0163 J**	**0.0105 J**
PCB-190	E1668C		**0.0383 J**	**0.0988 J**	**0.0978 J**	**0.0899 J**	**0.0642 J**
PCB-191	E1668C		**0.00534 J**	**0.0119 J**	**0.0135 J**	**0.0175 J**	**0.00781 J**
PCB-192	E1668C		0.0000526 U	0.0000636 U	0.0000536 U	0.000089 U	0.0000286 U
PCB-194	E1668C		**0.0601 J**	**0.2 J**	**0.216 J**	**0.223 J**	**0.112 J**
PCB-195	E1668C		**0.0277 J**	**0.0813 J**	**0.099 J**	**0.102 J**	**0.0482 J**
PCB-196	E1668C		**0.0319 J**	**0.111 J**	**0.113 J**	**0.115 J**	**0.0701 J**
PCB-197	E1668C		**0.00278**	**0.0085 J**	**0.00895 J**	**0.00938 J**	**0.00535 J**
PCB-198/199	E1668C		**0.0696 J**	**0.256 J**	**0.221 J**	**0.226 J**	**0.138 J**
PCB-200	E1668C		**0.00481 J**	**0.0151 J**	**0.0227 J**	**0.0251 J**	**0.0142 J**
PCB-201	E1668C		**0.00821 J**	**0.0258 J**	**0.028 J**	**0.0303 J**	**0.0169 J**
PCB-202	E1668C		**0.0103 J**	**0.0331 J**	**0.0349 J**	**0.0377 J**	**0.0211 J**
PCB-203	E1668C		**0.0381 J**	**0.153 J**	**0.137 J**	**0.148 J**	**0.0903 J**
PCB-204	E1668C		**0.0000197**	**0.0000651**	**0.0000605**	**0.0000709**	**0.0000433**
PCB-205	E1668C		**0.00372**	**0.0127 J**	**0.0137 J**	**0.0146 J**	**0.00735 J**
PCB-206	E1668C		**0.0109 J**	**0.0303 J**	**0.0375 J**	**0.0418 J**	**0.022 J**
PCB-207	E1668C		**0.00154**	**0.00486 J**	**0.0047 J**	**0.00519**	**0.00303**
PCB-208	E1668C		**0.00181**	**0.00587 J**	**0.00668 J**	**0.00745**	**0.00427 J**
PCB-209	E1668C		**0.000372**	**0.00123**	**0.00146**	**0.00153**	**0.000827**
Total PCB Congener (U = 0 max limit)	Calculated		**3.9 J**	**9.4 J**	**13 J**	**12 J**	**7.2 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**3.9 J**	**9.4 J**	**13 J**	**12 J**	**7.2 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-06-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-07-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-08-ADLT-250102 2025-01-02 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.6 J**	**1.4 J**	**0.86 J**	**1.5 J**	**0.85 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		1.25 U	0.50 U	0.748 U	1.25 U	0.50 U
Aroclor 1221	SW8082A		1.25 U	0.50 U	0.748 U	1.25 U	0.50 U
Aroclor 1232	SW8082A		1.25 U	0.50 U	0.748 U	1.25 U	0.50 U
Aroclor 1242	SW8082A		1.25 U	0.50 U	0.748 U	1.25 U	0.50 U
Aroclor 1248	SW8082A		1.25 U	**0.33 J**	**0.298 J**	1.25 U	**0.251 J**
Aroclor 1254	SW8082A		1.25 U	0.50 U	0.748 U	1.25 U	0.50 U
Aroclor 1260	SW8082A		**13.6**	**7.9**	**13.8**	**15.1**	**3.4**
Total PCB Aroclors (U = 0 max limit)	Calculated		**13.6**	**8.2 J**	**14.1 J**	**15.1**	**3.7 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**14.8**	**8.6 J**	**14.7 J**	**16.3**	**4.1 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		**0.000247**	**0.000226**	**0.000154**	**0.000289**	**0.000158**
PCB-002	E1668C		0.00000333 U	0.00000545 U	0.00000674 U	0.00000705 U	0.00000631 U
PCB-003	E1668C		**0.0000126**	0.00000604 U	0.00000747 U	0.00000781 U	0.00000745 U
PCB-004	E1668C		**0.0124 J**	**0.0123 J**	**0.0081 J**	**0.0152 J**	**0.00692 J**
PCB-005	E1668C		**0.00000743**	**0.0000171**	**0.0000092**	**0.0000164**	**0.0000145**
PCB-006	E1668C		**0.000537**	**0.000714**	**0.000491**	**0.000789**	**0.00043**
PCB-007	E1668C		**0.0000278**	**0.0000593**	**0.000026**	**0.0000486**	**0.0000329**
PCB-008	E1668C		**0.000768**	**0.00126**	**0.000864**	**0.00125**	**0.00106**
PCB-009	E1668C		**0.0000916**	**0.00014**	**0.0000865**	**0.000148**	**0.0000981**
PCB-010	E1668C		**0.000731**	**0.000759**	**0.000477**	**0.000923**	**0.000428**
PCB-011	E1668C		0.00000637 U	0.000010 U	0.00000963 U	0.000010 U	0.00000527 U
PCB-012/013	E1668C		**0.0000941 J**	**0.000108**	**0.0000817**	**0.000127**	**0.0000623**
PCB-014	E1668C		0.0000052 U	0.00000349 U	0.0000044 U	0.00000353 U	0.00000531 U
PCB-015	E1668C		**0.000415**	**0.000442**	**0.000397**	**0.000492**	**0.000291**
PCB-016	E1668C		**0.000584**	**0.00133**	**0.000785**	**0.0013**	**0.000991**
PCB-017	E1668C		**0.0131 J**	**0.0159 J**	**0.0112 J**	**0.0202 J**	**0.00934 J**
PCB-018/030	E1668C		**0.00335**	**0.00502**	**0.00352**	**0.00607**	**0.00232**
PCB-019	E1668C		**0.0274 J**	**0.0296 J**	**0.0223 J**	**0.0404 J**	**0.0174 J**
PCB-020/028	E1668C		**0.0117 J**	**0.0177 J**	**0.0147**	**0.0218 J**	**0.0123 J**
PCB-021/033	E1668C		**0.00462**	**0.00653**	**0.00466**	**0.00745**	**0.00466**
PCB-022	E1668C		**0.00087**	**0.00246**	**0.00139**	**0.00238**	**0.00193**
PCB-023	E1668C		0.0000156 U	0.0000175 U	0.0000167 U	0.0000167 U	0.0000126 U
PCB-024	E1668C		**0.0000222**	**0.0000788 J**	**0.0000363**	0.00000854 U	**0.0000554**
PCB-025	E1668C		**0.00452 J**	**0.00247**	**0.00179**	**0.00291**	**0.00255**
PCB-026/029	E1668C		**0.00746**	**0.00752**	**0.00592**	**0.00876**	**0.00447**
PCB-027	E1668C		**0.00809 J**	**0.00914 J**	**0.00666**	**0.0119 J**	**0.005 J**
PCB-031	E1668C		**0.00576 J**	**0.00816 J**	**0.00617**	**0.00929 J**	**0.00664 J**
PCB-032	E1668C		**0.0154 J**	**0.0196 J**	**0.0141 J**	**0.0252 J**	**0.0103 J**
PCB-034	E1668C		**0.000113**	**0.00015**	**0.000129**	**0.00022**	**0.0000853**
PCB-035	E1668C		0.0000152 U	0.0000162 U	0.0000154 U	0.0000154 U	0.0000123 U
PCB-036	E1668C		0.0000131 U	0.0000142 U	0.0000135 U	0.0000135 U	0.0000106 U
PCB-037	E1668C		**0.000394**	**0.000521**	**0.000582**	**0.000724**	**0.000499**
PCB-038	E1668C		**0.000175**	**0.000172 J**	**0.000173**	**0.000243**	0.0000115 U
PCB-039	E1668C		0.0000142 U	**0.000085**	**0.0000607**	0.0000148 U	**0.0000418**
PCB-040/071	E1668C		**0.0219 J**	**0.0247 J**	**0.0189 J**	**0.0351 J**	**0.013 J**
PCB-041	E1668C		0.0000109 U	0.0000102 U	0.00000883 U	0.0000111 U	**0.000736**
PCB-042	E1668C		**0.012 J**	**0.0122 J**	**0.0118 J**	**0.0182 J**	**0.00662 J**
PCB-043	E1668C		**0.000307**	**0.000591**	**0.000313**	**0.000595**	**0.000261**
PCB-044/047/065	E1668C		**0.5 J**	**0.432 J**	**0.454 J**	**0.601 J**	**0.265 J**
PCB-045	E1668C		0.00000978 U	**0.00793 J**	**0.0105 J**	**0.0119 J**	0.0000125 U
PCB-046	E1668C		**0.00303**	**0.00329**	**0.00245**	**0.00425**	**0.00199**
PCB-048	E1668C		**0.000797**	**0.00184**	**0.00126**	**0.00209**	**0.0012**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-06-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-07-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-08-ADLT-250102 2025-01-02 N TA
PCB-049/069	E1668C		**0.222 J**	**0.194 J**	**0.214 J**	**0.307 J**	**0.103 J**
PCB-050/053	E1668C		**0.0574 J**	**0.0629 J**	**0.05 J**	**0.0872 J**	**0.0349 J**
PCB-051	E1668C		**0.12 J**	**0.113 J**	**0.0954 J**	**0.149 J**	**0.0719 J**
PCB-052	E1668C		**0.0482 J**	**0.0493 J**	**0.0481 J**	**0.0665 J**	**0.0171 J**
PCB-054	E1668C		**0.0114 J**	**0.012 J**	**0.0105 J**	**0.0161 J**	**0.00801 J**
PCB-055	E1668C		0.0000536 U	0.0000498 U	0.0000748 U	0.0000945 U	0.0000271 U
PCB-056	E1668C		**0.0023**	**0.00397**	**0.00271**	**0.0046**	**0.00268**
PCB-057	E1668C		**0.000703**	**0.000583**	**0.000518**	**0.000863**	**0.000372**
PCB-058	E1668C		**0.000811**	**0.00115**	**0.00101**	**0.00172**	**0.00025**
PCB-059/062/075	E1668C		**0.0101**	**0.0101**	**0.0105**	**0.0159**	**0.00553**
PCB-060	E1668C		**0.000988**	**0.00265**	**0.00254**	**0.00296**	**0.00211**
PCB-061/070/074/076	E1668C		**0.03 J**	**0.0321 J**	**0.0352 J**	**0.0496 J**	**0.0204 J**
PCB-063	E1668C		**0.00352**	**0.00353**	**0.00408**	**0.00566**	**0.00196**
PCB-064	E1668C		**0.00709 J**	**0.00797 J**	**0.00827 J**	**0.0117 J**	**0.00519 J**
PCB-066	E1668C		**0.0334 J**	**0.0347 J**	**0.0407 J**	**0.0573 J**	**0.0202 J**
PCB-067	E1668C		**0.00244**	**0.00209**	**0.00305**	**0.00402**	**0.00136**
PCB-068	E1668C		**0.00901 J**	**0.00824 J**	**0.0101 J**	**0.0138 J**	**0.00446 J**
PCB-072	E1668C		**0.00465 J**	**0.00376**	**0.00421**	**0.00621**	**0.00211**
PCB-073	E1668C		**0.00579 J**	**0.00552**	**0.00499**	**0.00835 J**	**0.003**
PCB-077	E1668C		**0.000753**	**0.000845**	**0.000954**	**0.00129**	**0.000771**
PCB-078	E1668C		**0.000302**	0.0000549 U	0.0000824 U	0.000104 U	0.0000305 U
PCB-079	E1668C		**0.00166**	**0.00152**	**0.00202**	**0.00257**	**0.000768 J**
PCB-080	E1668C		0.000055 U	**0.0023**	**0.00333**	**0.00439**	0.0000278 U
PCB-081	E1668C		0.0000637 U	0.0000566 U	0.000085 U	0.000107 U	0.0000322 U
PCB-082	E1668C		**0.009 J**	**0.00752**	**0.0107 J**	**0.0135 J**	**0.00379**
PCB-083	E1668C		**0.00366**	**0.00293**	**0.0108 J**	**0.0122 J**	**0.00224**
PCB-084	E1668C		**0.0196 J**	**0.0175 J**	**0.0226 J**	**0.0299 J**	**0.00901 J**
PCB-085/116	E1668C		**0.0349 J**	**0.0242 J**	**0.038 J**	**0.0469 J**	**0.0119 J**
PCB-086/087/097/109/119/125	E1668C		**0.164 J**	**0.117 J**	**0.188 J**	**0.23 J**	**0.0601 J**
PCB-088	E1668C		0.0000135 U	0.0000066 U	0.0000129 U	0.0000167 U	0.0000115 U
PCB-089	E1668C		**0.000461**	**0.000468**	**0.000535**	**0.000814**	**0.000241**
PCB-090/101/113	E1668C		**0.593 J**	**0.386 J**	**0.604 J**	**0.705 J**	**0.192 J**
PCB-091	E1668C		**0.118 J**	**0.0881 J**	**0.137 J**	**0.167 J**	**0.0446 J**
PCB-092	E1668C		**0.104 J**	**0.073 J**	**0.118 J**	**0.15 J**	**0.0336 J**
PCB-093/100	E1668C		**0.119 J**	**0.0983 J**	**0.146 J**	**0.187 J**	**0.0525 J**
PCB-094	E1668C		**0.0108 J**	**0.0103 J**	**0.0106 J**	**0.0181 J**	**0.00538 J**
PCB-095	E1668C		**0.174 J**	**0.129 J**	**0.202 J**	**0.239 J**	**0.0649 J**
PCB-096	E1668C		**0.00491 J**	**0.0045**	**0.00515**	**0.00679**	**0.00245**
PCB-098	E1668C		**0.0015**	**0.0024 J**	**0.0027**	**0.00427**	**0.000832**
PCB-099	E1668C		**0.242 J**	**0.191 J**	**0.302 J**	**0.377 J**	**0.0868 J**
PCB-102	E1668C		**0.0137 J**	**0.00995 J**	**0.013 J**	**0.018 J**	**0.0058 J**
PCB-103	E1668C		**0.0371 J**	**0.0296 J**	**0.0441 J**	**0.0591 J**	**0.0154 J**
PCB-104	E1668C		**0.00377**	**0.004**	**0.00386**	**0.00523**	**0.00237**
PCB-105	E1668C		**0.0493 J**	**0.0385 J**	**0.0654 J**	**0.0734 J**	**0.0189 J**
PCB-106	E1668C		**0.000077**	0.00000413 U	0.00000808 U	0.0000104 U	0.00000729 U
PCB-107	E1668C		**0.021 J**	**0.0135 J**	**0.0231 J**	**0.03 J**	**0.00722 J**
PCB-108/124	E1668C		**0.00892 J**	**0.0052**	**0.00726**	**0.00985**	**0.00283**
PCB-110	E1668C		**0.274 J**	**0.182 J**	**0.305 J**	**0.349 J**	**0.091 J**
PCB-111	E1668C		**0.00246**	**0.00159**	**0.00266**	**0.0035**	**0.000835**
PCB-112	E1668C		**0.00068**	**0.000846**	**0.00134**	**0.00154**	**0.000242**
PCB-114	E1668C		**0.00342**	**0.00294**	**0.00463**	**0.00586**	**0.00139**
PCB-115	E1668C		0.00000806 U	0.00000375 U	0.00000732 U	0.00000947 U	0.00000689 U
PCB-117	E1668C		**0.0241 J**	**0.0181 J**	**0.0293 J**	**0.0345 J**	**0.00988 J**
PCB-118	E1668C		**0.181 J**	**0.146 J**	**0.232 J**	**0.253 J**	**0.0677 J**
PCB-120	E1668C		**0.00534 J**	**0.00319**	**0.00545**	**0.00737**	**0.00177**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-06-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-07-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-08-ADLT-250102 2025-01-02 N TA
PCB-121	E1668C		**0.00342**	**0.00254**	**0.00409**	**0.00481**	**0.00134**
PCB-122	E1668C		**0.00186**	**0.00158**	**0.00212**	**0.00292**	**0.000735**
PCB-123	E1668C		**0.00397 J**	**0.00314**	**0.0054**	**0.00643**	**0.00144**
PCB-126	E1668C		**0.000491**	**0.000352**	**0.000604**	**0.000736**	**0.00018**
PCB-127	E1668C		0.00000845 U	0.00000509 U	0.00000922 U	0.0000113 U	0.00000669 U
PCB-128/166	E1668C		**0.11 J**	**0.0714 J**	**0.121 J**	**0.126 J**	**0.0386 J**
PCB-129/138/163	E1668C		**0.56 J**	**0.787 J**	**0.956 J**	**1.11 J**	**0.399 J**
PCB-130	E1668C		**0.0263 J**	**0.0316 J**	**0.0472 J**	**0.0623 J**	**0.0162 J**
PCB-131	E1668C		**0.00203**	**0.00298**	**0.00385**	**0.00526**	**0.00134**
PCB-132	E1668C		**0.0915 J**	**0.114 J**	**0.176 J**	**0.21 J**	**0.0569 J**
PCB-133	E1668C		**0.014 J**	**0.0162 J**	**0.0249 J**	**0.0322 J**	**0.00878 J**
PCB-134	E1668C		**0.0154 J**	**0.0234 J**	**0.0326 J**	**0.0426 J**	**0.0108 J**
PCB-135/151	E1668C		**0.19 J**	**0.232 J**	**0.369 J**	**0.451 J**	**0.12 J**
PCB-136	E1668C		**0.101 J**	**0.0744 J**	**0.124 J**	**0.135 J**	**0.0379 J**
PCB-137	E1668C		**0.00912 J**	**0.0129 J**	**0.0202 J**	**0.025 J**	**0.00639 J**
PCB-139/140	E1668C		**0.006**	**0.00756**	**0.0117**	**0.0145**	**0.00368**
PCB-141	E1668C		**0.111 J**	**0.136 J**	**0.213 J**	**0.253 J**	**0.0628 J**
PCB-142	E1668C		0.00000697 U	0.00000862 U	0.0000108 U	0.0000202 U	0.0000131 U
PCB-143	E1668C		0.00000645 U	0.00000745 U	0.00000936 U	0.0000175 U	0.0000122 U
PCB-144	E1668C		**0.0227 J**	**0.0286 J**	**0.0448 J**	**0.0567 J**	**0.0137 J**
PCB-145	E1668C		**0.000146**	**0.000143**	**0.000209**	**0.000239**	**0.0000532**
PCB-146	E1668C		**0.131 J**	**0.138 J**	**0.222 J**	**0.273 J**	**0.0734 J**
PCB-147/149	E1668C		**0.47 J**	**0.527 J**	**0.679 J**	**0.763 J**	**0.294 J**
PCB-148	E1668C		**0.00446 J**	**0.00542**	**0.00822 J**	**0.0102 J**	**0.0031**
PCB-150	E1668C		**0.00908 J**	**0.00671**	**0.012 J**	**0.0127 J**	**0.00346**
PCB-152	E1668C		**0.00325**	**0.00271**	**0.0039**	**0.00455**	**0.00156**
PCB-153/168	E1668C		**0.513 J**	**0.601 J**	**0.7 J**	**0.818 J**	**0.46 J**
PCB-154	E1668C		**0.0214 J**	**0.0257 J**	**0.0361 J**	**0.0477 J**	**0.0136 J**
PCB-155	E1668C		**0.0017**	**0.00144**	**0.00245**	**0.00254**	**0.000729**
PCB-156/157	E1668C		**0.0693 J**	**0.0468 J**	**0.089 J**	**0.0938 J**	**0.0242 J**
PCB-158	E1668C		**0.0473 J**	**0.056 J**	**0.0867 J**	**0.106 J**	**0.0296 J**
PCB-159	E1668C		**0.0128 J**	**0.00952 J**	**0.0169 J**	**0.0189 J**	**0.00501 J**
PCB-160	E1668C		0.0000052 U	0.00000459 U	0.00000576 U	0.0000108 U	0.0000098 U
PCB-161	E1668C		0.00000442 U	0.00000555 U	0.00000697 U	0.000013 U	0.00000834 U
PCB-162	E1668C		**0.00403 J**	**0.00276**	**0.00509**	**0.00598**	**0.00138**
PCB-164	E1668C		**0.0333 J**	**0.034 J**	**0.0553 J**	**0.0644 J**	**0.0182 J**
PCB-165	E1668C		**0.00231**	**0.00418**	**0.00648**	**0.00781 J**	**0.00158**
PCB-167	E1668C		**0.0431 J**	**0.0294 J**	**0.0543 J**	**0.0604 J**	**0.0144 J**
PCB-169	E1668C		**0.00426 J**	**0.00301**	**0.00463**	**0.00541**	**0.00196 J**
PCB-170	E1668C		**0.416 J**	**0.299 J**	**0.498 J**	**0.573 J**	**0.159 J**
PCB-171/173	E1668C		**0.0813 J**	**0.0836 J**	**0.137 J**	**0.157 J**	**0.0398 J**
PCB-172	E1668C		**0.0577 J**	**0.0536 J**	**0.0906 J**	**0.104 J**	**0.0266 J**
PCB-174	E1668C		**0.214 J**	**0.199 J**	**0.323 J**	**0.371 J**	**0.107 J**
PCB-175	E1668C		**0.0126 J**	**0.0128 J**	**0.0206 J**	**0.0247 J**	**0.00655 J**
PCB-176	E1668C		**0.0575 J**	**0.036 J**	**0.0611 J**	**0.0653 J**	**0.0169 J**
PCB-177	E1668C		**0.166 J**	**0.164 J**	**0.262 J**	**0.299 J**	**0.083 J**
PCB-178	E1668C		**0.154 J**	**0.0928 J**	**0.152 J**	**0.176 J**	**0.0453 J**
PCB-179	E1668C		**0.145 J**	**0.0988 J**	**0.162 J**	**0.183 J**	**0.0464 J**
PCB-180/193	E1668C		**0.699 J**	**0.663 J**	**0.853 J**	**0.921 J**	**0.367 J**
PCB-181	E1668C		**0.00146**	**0.00178**	**0.00276**	**0.00314**	0.0000325 U
PCB-182	E1668C		**0.00207**	**0.00256**	**0.00495**	**0.00511**	**0.000896**
PCB-183	E1668C		**0.191 J**	**0.191 J**	**0.314 J**	**0.355 J**	**0.0954 J**
PCB-184	E1668C		**0.000385**	**0.000268**	**0.000471**	**0.000497**	**0.000122**
PCB-185	E1668C		**0.0328 J**	**0.0384 J**	**0.0638 J**	**0.0715 J**	**0.0166 J**
PCB-186	E1668C		**0.0000506**	0.00000763 UJ	0.00000656 U	0.0000115 U	**0.0000206 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-06-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-07-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01WS-08-ADLT-250102 2025-01-02 N TA
PCB-187	E1668C		**0.577 J**	**0.488 J**	**0.718 J**	**0.712 J**	**0.233 J**
PCB-188	E1668C		**0.00274**	**0.00203**	**0.00339**	**0.00357**	**0.000929**
PCB-189	E1668C		**0.0195 J**	**0.0111 J**	**0.0193 J**	**0.0227 J**	**0.00487 J**
PCB-190	E1668C		**0.0993 J**	**0.0689 J**	**0.119 J**	**0.134 J**	**0.039 J**
PCB-191	E1668C		**0.0125 J**	**0.013 J**	**0.0216 J**	**0.0251 J**	**0.00628 J**
PCB-192	E1668C		0.0000408 U	0.0000628 U	0.0000989 U	0.0000904 U	0.0000265 U
PCB-194	E1668C		**0.211 J**	**0.132 J**	**0.242 J**	**0.289 J**	**0.055 J**
PCB-195	E1668C		**0.0908 J**	**0.0606 J**	**0.111 J**	**0.129 J**	**0.026 J**
PCB-196	E1668C		**0.13 J**	**0.0757 J**	**0.13 J**	**0.177 J**	**0.0402 J**
PCB-197	E1668C		**0.00982 J**	**0.00599**	**0.0106 J**	**0.0137 J**	**0.00317**
PCB-198/199	E1668C		**0.271 J**	**0.15 J**	**0.26 J**	**0.335 J**	**0.0791 J**
PCB-200	E1668C		**0.0256 J**	**0.0159 J**	**0.0266 J**	**0.0346 J**	**0.00869 J**
PCB-201	E1668C		**0.0312 J**	**0.0193 J**	**0.033 J**	**0.0453 J**	**0.0101 J**
PCB-202	E1668C		**0.0405 J**	**0.0245 J**	**0.0406 J**	**0.0552 J**	**0.013 J**
PCB-203	E1668C		**0.168 J**	**0.0968 J**	**0.172 J**	**0.225 J**	**0.0524 J**
PCB-204	E1668C		**0.0000678**	**0.0000467**	**0.0000812**	**0.000104**	**0.0000229**
PCB-205	E1668C		**0.0137 J**	**0.00887 J**	**0.0162 J**	**0.019 J**	**0.0039 J**
PCB-206	E1668C		**0.0445 J**	**0.0274 J**	**0.0479 J**	**0.0539 J**	**0.0119 J**
PCB-207	E1668C		**0.00571 J**	**0.00357**	**0.00646**	**0.00684**	**0.00151**
PCB-208	E1668C		**0.00839 J**	**0.00528**	**0.00936 J**	**0.00967 J**	**0.00247**
PCB-209	E1668C		**0.00165**	**0.00115**	**0.00185**	**0.00172**	**0.000899**
Total PCB Congener (U = 0 max limit)	Calculated		**10 J**	**9.0 J**	**13 J**	**15 J**	**4.8 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**10 J**	**9.0 J**	**13 J**	**15 J**	**4.8 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-01-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-01-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-02-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-03-ADLT-240910 2024-09-10 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.63 J**	**3.4 J**	**1.0 J**	**3.8 J**	**0.57 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.501 U	2.5 U	0.623 U	2.51 U	0.501 U
Aroclor 1221	SW8082A		0.501 U	2.5 U	0.623 U	2.51 U	0.501 U
Aroclor 1232	SW8082A		0.501 U	2.5 U	0.623 U	2.51 U	0.501 U
Aroclor 1242	SW8082A		0.501 U	2.5 U	0.623 U	2.51 U	0.501 U
Aroclor 1248	SW8082A		0.501 U	**0.882 J**	**0.219 J**	**0.966 J**	0.501 U
Aroclor 1254	SW8082A		0.501 U	2.5 U	0.623 U	2.51 U	0.501 U
Aroclor 1260	SW8082A		**6.41**	**16**	**7.44**	**14.3**	**4.48**
Total PCB Aroclors (U = 0 max limit)	Calculated		**6.41**	**17 J**	**7.66 J**	**15.3 J**	**4.48**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**6.91**	**19 J**	**8.17 J**	**17.3 J**	**4.97**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-01-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-01-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-02-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-03-ADLT-240910 2024-09-10 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-01-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-01-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-02-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-03-ADLT-240910 2024-09-10 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-01-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-01-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-02-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-03-ADLT-240910 2024-09-10 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-03-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-04-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-04-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-05-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-05-YOY-240911 2024-09-11 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**3.7 J**	**0.52 J**	**3.1 J**	**0.55 J**	**2.9 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		2.51 U	0.251 U	2.51 U	0.626 U	2.49 U
Aroclor 1221	SW8082A		2.51 U	0.251 U	2.51 U	0.626 U	2.49 U
Aroclor 1232	SW8082A		2.51 U	0.251 U	2.51 U	0.626 U	2.49 U
Aroclor 1242	SW8082A		2.51 U	0.251 U	2.51 U	0.626 U	2.49 U
Aroclor 1248	SW8082A		2.51 U	**0.109 J**	2.51 U	0.626 U	2.49 U
Aroclor 1254	SW8082A		2.51 U	0.251 U	2.51 U	0.626 U	2.49 U
Aroclor 1260	SW8082A		**14.8**	**3.39**	**13.3**	**7.2**	**12.7**
Total PCB Aroclors (U = 0 max limit)	Calculated		**14.8**	**3.50 J**	**13.3**	**7.2**	**12.7**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**17.3**	**3.71 J**	**15.8**	**7.8**	**15.2**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-03-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-04-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-04-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-05-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-05-YOY-240911 2024-09-11 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-03-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-04-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-04-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-05-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-05-YOY-240911 2024-09-11 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-03-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-04-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-04-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-05-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-05-YOY-240911 2024-09-11 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-06-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-06-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-07-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-07-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-08-ADLT-240910 2024-09-10 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.61 J**	**3.1 J**	**0.64 J**	**2.8 J**	**0.14 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.374 U	1.75 U	0.376 U	1.75 U	0.125 U
Aroclor 1221	SW8082A		0.374 U	1.75 U	0.376 U	1.75 U	0.125 U
Aroclor 1232	SW8082A		0.374 U	1.75 U	0.376 U	1.75 U	0.125 U
Aroclor 1242	SW8082A		0.374 U	1.75 U	0.376 U	1.75 U	0.125 U
Aroclor 1248	SW8082A		0.374 U	**0.583 J**	0.376 U	1.75 U	0.125 U
Aroclor 1254	SW8082A		0.374 U	1.75 U	0.376 U	1.75 U	0.125 U
Aroclor 1260	SW8082A		**4.66**	**11.9**	**4.04**	**11.3**	**0.962**
Total PCB Aroclors (U = 0 max limit)	Calculated		**4.66**	**12.5 J**	**4.04**	**11.3**	**0.962**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**5.03**	**13.9 J**	**4.41**	**13.0**	**1.08**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-06-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-06-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-07-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-07-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-08-ADLT-240910 2024-09-10 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-06-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-06-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-07-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-07-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-08-ADLT-240910 2024-09-10 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-06-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-06-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-07-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-07-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-08-ADLT-240910 2024-09-10 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-09-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-10-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01BB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01BB-01-ADLT-241030 2024-10-30 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01BB-02-ADLT-241030 2024-10-30 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.30 J**	**0.40 J**	**0.72 J**	1.9 U	0.29 U
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.25 U	0.376 U	0.747 U	0.50 U	0.374 U
Aroclor 1221	SW8082A		0.25 U	0.376 U	0.747 U	0.50 U	0.374 U
Aroclor 1232	SW8082A		0.25 U	0.376 U	0.747 U	0.50 U	0.374 U
Aroclor 1242	SW8082A		0.25 U	0.376 U	0.747 U	0.50 U	0.374 U
Aroclor 1248	SW8082A		0.25 U	0.376 U	0.747 U	0.50 U	0.374 U
Aroclor 1254	SW8082A		0.25 U	0.376 U	0.747 U	0.50 U	0.374 U
Aroclor 1260	SW8082A		**1.76**	**3.06**	**6.35**	**6.93**	**2.65**
Total PCB Aroclors (U = 0 max limit)	Calculated		**1.76**	**3.06**	**6.35**	**6.93**	**2.65**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**2.01**	**3.43**	**7.09**	**7.42**	**3.02**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-09-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-10-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01BB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01BB-01-ADLT-241030 2024-10-30 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01BB-02-ADLT-241030 2024-10-30 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-09-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-10-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01BB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01BB-01-ADLT-241030 2024-10-30 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01BB-02-ADLT-241030 2024-10-30 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-09-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R05C-01 HBMP-R05C-01YP-10-ADLT-240910 2024-09-10 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01BB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01BB-01-ADLT-241030 2024-10-30 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01BB-02-ADLT-241030 2024-10-30 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01BB-03-ADLT-241030 2024-10-30 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-01-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-02-ADLT-240911 2024-09-11 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		0.88 U	**1.3 J**	**0.94 J**	**2.6 J**	**1.0 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.375 U	0.501 U	1.25 U	2.49 U	0.50 U
Aroclor 1221	SW8082A		0.375 U	0.501 U	1.25 U	2.49 U	0.50 U
Aroclor 1232	SW8082A		0.375 U	0.501 U	1.25 U	2.49 U	0.50 U
Aroclor 1242	SW8082A		0.375 U	0.501 U	1.25 U	2.49 U	0.50 U
Aroclor 1248	SW8082A		0.375 U	**0.241 J**	1.25 U	2.49 U	**0.274 J**
Aroclor 1254	SW8082A		0.375 U	0.501 U	1.25 U	2.49 U	0.50 U
Aroclor 1260	SW8082A		**3.42**	**6.35**	**11.4**	**14.2**	**8.17**
Total PCB Aroclors (U = 0 max limit)	Calculated		**3.42**	**6.59 J**	**11.4**	**14.2**	**8.44 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**3.79**	**7.00 J**	**12.6**	**16.7**	**8.85 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	**0.000103 J**	--
PCB-002	E1668C		--	--	--	**0.00000261 J**	--
PCB-003	E1668C		--	--	--	**0.0000144 J**	--
PCB-004	E1668C		--	--	--	**0.0106 J**	--
PCB-005	E1668C		--	--	--	**0.00000934 J**	--
PCB-006	E1668C		--	--	--	**0.000666 J**	--
PCB-007	E1668C		--	--	--	**0.000068 J**	--
PCB-008	E1668C		--	--	--	**0.000577 J**	--
PCB-009	E1668C		--	--	--	**0.0000932 J**	--
PCB-010	E1668C		--	--	--	**0.000584 J**	--
PCB-011	E1668C		--	--	--	0.0000171 U	--
PCB-012/013	E1668C		--	--	--	**0.0000989 J**	--
PCB-014	E1668C		--	--	--	0.000000945 U	--
PCB-015	E1668C		--	--	--	**0.000333 J**	--
PCB-016	E1668C		--	--	--	**0.00157 J**	--
PCB-017	E1668C		--	--	--	**0.0238 J**	--
PCB-018/030	E1668C		--	--	--	**0.0102 J**	--
PCB-019	E1668C		--	--	--	**0.0229 J**	--
PCB-020/028	E1668C		--	--	--	**0.041 J**	--
PCB-021/033	E1668C		--	--	--	**0.00792 J**	--
PCB-022	E1668C		--	--	--	**0.00238 J**	--
PCB-023	E1668C		--	--	--	0.00000807 U	--
PCB-024	E1668C		--	--	--	**0.0000562 J**	--
PCB-025	E1668C		--	--	--	**0.0115 J**	--
PCB-026/029	E1668C		--	--	--	**0.014 J**	--
PCB-027	E1668C		--	--	--	**0.0115 J**	--
PCB-031	E1668C		--	--	--	**0.0108 J**	--
PCB-032	E1668C		--	--	--	**0.0445 J**	--
PCB-034	E1668C		--	--	--	**0.0007 J**	--
PCB-035	E1668C		--	--	--	0.00000813 U	--
PCB-036	E1668C		--	--	--	0.00000667 U	--
PCB-037	E1668C		--	--	--	**0.000599 J**	--
PCB-038	E1668C		--	--	--	**0.000295 J**	--
PCB-039	E1668C		--	--	--	**0.000114 J**	--
PCB-040/071	E1668C		--	--	--	**0.0882 J**	--
PCB-041	E1668C		--	--	--	0.00000247 U	--
PCB-042	E1668C		--	--	--	**0.0407 J**	--
PCB-043	E1668C		--	--	--	**0.00242 J**	--
PCB-044/047/065	E1668C		--	--	--	**0.383 J**	--
PCB-045	E1668C		--	--	--	**0.0937 J**	--
PCB-046	E1668C		--	--	--	**0.0131 J**	--
PCB-048	E1668C		--	--	--	**0.00181 J**	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01BB-03-ADLT-241030 2024-10-30 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-01-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-02-ADLT-240911 2024-09-11 N TA
PCB-049/069	E1668C		--	--	--	**0.268 J**	--
PCB-050/053	E1668C		--	--	--	**0.146 J**	--
PCB-051	E1668C		--	--	--	**0.146 J**	--
PCB-052	E1668C		--	--	--	**0.151 J**	--
PCB-054	E1668C		--	--	--	**0.0317 J**	--
PCB-055	E1668C		--	--	--	0.0000532 U	--
PCB-056	E1668C		--	--	--	**0.00356 J**	--
PCB-057	E1668C		--	--	--	**0.00185 J**	--
PCB-058	E1668C		--	--	--	**0.00673 J**	--
PCB-059/062/075	E1668C		--	--	--	**0.031 J**	--
PCB-060	E1668C		--	--	--	**0.000873 J**	--
PCB-061/070/074/076	E1668C		--	--	--	**0.0274 J**	--
PCB-063	E1668C		--	--	--	**0.0116 J**	--
PCB-064	E1668C		--	--	--	**0.013 J**	--
PCB-066	E1668C		--	--	--	**0.0731 J**	--
PCB-067	E1668C		--	--	--	**0.00103 J**	--
PCB-068	E1668C		--	--	--	**0.0302 J**	--
PCB-072	E1668C		--	--	--	**0.014 J**	--
PCB-073	E1668C		--	--	--	**0.0187 J**	--
PCB-077	E1668C		--	--	--	**0.00217 J**	--
PCB-078	E1668C		--	--	--	**0.000422 J**	--
PCB-079	E1668C		--	--	--	**0.00225 J**	--
PCB-080	E1668C		--	--	--	**0.00587 J**	--
PCB-081	E1668C		--	--	--	0.0000648 U	--
PCB-082	E1668C		--	--	--	**0.0109 J**	--
PCB-083	E1668C		--	--	--	**0.143 J**	--
PCB-084	E1668C		--	--	--	**0.0306 J**	--
PCB-085/116	E1668C		--	--	--	**0.0413 J**	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	**0.202 J**	--
PCB-088	E1668C		--	--	--	**0.059 J**	--
PCB-089	E1668C		--	--	--	0.00153 U	--
PCB-090/101/113	E1668C		--	--	--	**0.333 J**	--
PCB-091	E1668C		--	--	--	**0.106 J**	--
PCB-092	E1668C		--	--	--	**0.187 J**	--
PCB-093/100	E1668C		--	--	--	**0.152 J**	--
PCB-094	E1668C		--	--	--	**0.0521 J**	--
PCB-095	E1668C		--	--	--	**0.217 J**	--
PCB-096	E1668C		--	--	--	**0.0183 J**	--
PCB-098	E1668C		--	--	--	0.00145 U	--
PCB-099	E1668C		--	--	--	**0.111 J**	--
PCB-102	E1668C		--	--	--	**0.0393 J**	--
PCB-103	E1668C		--	--	--	**0.0788 J**	--
PCB-104	E1668C		--	--	--	**0.0124 J**	--
PCB-105	E1668C		--	--	--	**0.0546 J**	--
PCB-106	E1668C		--	--	--	0.00109 U	--
PCB-107	E1668C		--	--	--	**0.0399 J**	--
PCB-108/124	E1668C		--	--	--	**0.0109 J**	--
PCB-110	E1668C		--	--	--	**0.105 J**	--
PCB-111	E1668C		--	--	--	**0.00595 J**	--
PCB-112	E1668C		--	--	--	0.000963 U	--
PCB-114	E1668C		--	--	--	**0.00435 J**	--
PCB-115	E1668C		--	--	--	**0.0771 J**	--
PCB-117	E1668C		--	--	--	**0.046 J**	--
PCB-118	E1668C		--	--	--	**0.219 J**	--
PCB-120	E1668C		--	--	--	**0.00905 J**	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01BB-03-ADLT-241030 2024-10-30 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-01-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-02-ADLT-240911 2024-09-11 N TA
PCB-121	E1668C		--	--	--	**0.0044 J**	--
PCB-122	E1668C		--	--	--	0.0016 U	--
PCB-123	E1668C		--	--	--	**0.00519 J**	--
PCB-126	E1668C		--	--	--	**0.00165 J**	--
PCB-127	E1668C		--	--	--	0.00361 U	--
PCB-128/166	E1668C		--	--	--	**0.056 J**	--
PCB-129/138/163	E1668C		--	--	--	**0.728 J**	--
PCB-130	E1668C		--	--	--	**0.09 J**	--
PCB-131	E1668C		--	--	--	**0.00696 J**	--
PCB-132	E1668C		--	--	--	**0.176 J**	--
PCB-133	E1668C		--	--	--	**0.0527 J**	--
PCB-134	E1668C		--	--	--	0.00000229 U	--
PCB-135/151	E1668C		--	--	--	**0.396 J**	--
PCB-136	E1668C		--	--	--	**0.0599 J**	--
PCB-137	E1668C		--	--	--	**0.135 J**	--
PCB-139/140	E1668C		--	--	--	**0.0232 J**	--
PCB-141	E1668C		--	--	--	**0.226 J**	--
PCB-142	E1668C		--	--	--	0.00000192 U	--
PCB-143	E1668C		--	--	--	**0.0499 J**	--
PCB-144	E1668C		--	--	--	**0.0738 J**	--
PCB-145	E1668C		--	--	--	**0.00016 J**	--
PCB-146	E1668C		--	--	--	**0.245 J**	--
PCB-147/149	E1668C		--	--	--	**0.503 J**	--
PCB-148	E1668C		--	--	--	**0.0175 J**	--
PCB-150	E1668C		--	--	--	**0.0167 J**	--
PCB-152	E1668C		--	--	--	**0.00333 J**	--
PCB-153/168	E1668C		--	--	--	**0.595 J**	--
PCB-154	E1668C		--	--	--	**0.0737 J**	--
PCB-155	E1668C		--	--	--	**0.00255 J**	--
PCB-156/157	E1668C		--	--	--	**0.0866 J**	--
PCB-158	E1668C		--	--	--	**0.0946 J**	--
PCB-159	E1668C		--	--	--	**0.00823 J**	--
PCB-160	E1668C		--	--	--	0.000000975 U	--
PCB-161	E1668C		--	--	--	0.00000121 U	--
PCB-162	E1668C		--	--	--	**0.00935 J**	--
PCB-164	E1668C		--	--	--	0.00000127 U	--
PCB-165	E1668C		--	--	--	**0.00875 J**	--
PCB-167	E1668C		--	--	--	**0.0624 J**	--
PCB-169	E1668C		--	--	--	0.000105 U	--
PCB-170	E1668C		--	--	--	**0.387 J**	--
PCB-171/173	E1668C		--	--	--	**0.136 J**	--
PCB-172	E1668C		--	--	--	**0.126 J**	--
PCB-174	E1668C		--	--	--	**0.263 J**	--
PCB-175	E1668C		--	--	--	**0.0329 J**	--
PCB-176	E1668C		--	--	--	**0.0294 J**	--
PCB-177	E1668C		--	--	--	**0.183 J**	--
PCB-178	E1668C		--	--	--	**0.0986 J**	--
PCB-179	E1668C		--	--	--	**0.106 J**	--
PCB-180/193	E1668C		--	--	--	**0.604 J**	--
PCB-181	E1668C		--	--	--	**0.00408 J**	--
PCB-182	E1668C		--	--	--	**0.223 J**	--
PCB-183	E1668C		--	--	--	**0.261 J**	--
PCB-184	E1668C		--	--	--	**0.000522 J**	--
PCB-185	E1668C		--	--	--	**0.0871 J**	--
PCB-186	E1668C		--	--	--	0.000000212 U	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01BB-03-ADLT-241030 2024-10-30 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-01-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-02-ADLT-240911 2024-09-11 N TA
PCB-187	E1668C		--	--	--	**0.142 J**	--
PCB-188	E1668C		--	--	--	**0.00414 J**	--
PCB-189	E1668C		--	--	--	**0.0251 J**	--
PCB-190	E1668C		--	--	--	**0.142 J**	--
PCB-191	E1668C		--	--	--	**0.0266 J**	--
PCB-192	E1668C		--	--	--	0.0000874 U	--
PCB-194	E1668C		--	--	--	**0.142 J**	--
PCB-195	E1668C		--	--	--	**0.0916 J**	--
PCB-196	E1668C		--	--	--	**0.134 J**	--
PCB-197	E1668C		--	--	--	**0.0136 J**	--
PCB-198/199	E1668C		--	--	--	**0.211 J**	--
PCB-200	E1668C		--	--	--	**0.0243 J**	--
PCB-201	E1668C		--	--	--	**0.0367 J**	--
PCB-202	E1668C		--	--	--	**0.0264 J**	--
PCB-203	E1668C		--	--	--	**0.183 J**	--
PCB-204	E1668C		--	--	--	**0.000132 J**	--
PCB-205	E1668C		--	--	--	**0.0125 J**	--
PCB-206	E1668C		--	--	--	**0.0263 J**	--
PCB-207	E1668C		--	--	--	**0.00424 J**	--
PCB-208	E1668C		--	--	--	**0.00451 J**	--
PCB-209	E1668C		--	--	--	**0.000789 J**	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	**12 J**	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	**12 J**	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-02-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-03-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-03-YOY-240911 2024-09-11 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.6 J**	**3.4**	**1.0 J**	**1.9 J**	**1.8 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		1.25 U	1.25 U	0.751 U	0.749 U	1.25 U
Aroclor 1221	SW8082A		1.25 U	1.25 U	0.751 U	0.749 U	1.25 U
Aroclor 1232	SW8082A		1.25 U	1.25 U	0.751 U	0.749 U	1.25 U
Aroclor 1242	SW8082A		1.25 U	1.25 U	0.751 U	0.749 U	1.25 U
Aroclor 1248	SW8082A		1.25 U	**2.13**	**0.286 J**	0.749 U	**0.464 J**
Aroclor 1254	SW8082A		1.25 U	1.25 U	0.751 U	0.749 U	1.25 U
Aroclor 1260	SW8082A		**13.5**	**12.5**	**7.52**	**8.37**	**9.99**
Total PCB Aroclors (U = 0 max limit)	Calculated		**13.5**	**14.6**	**7.81 J**	**8.37**	**10.5 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**14.7**	**15.7**	**8.42 J**	**9.11**	**11.5 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		**0.000115**	**0.000195**	**0.0000434**	**0.000232**	**0.000139**
PCB-002	E1668C		0.00000634 U	**0.00000416 J**	0.00000629 U	0.00000416 U	0.00000658 U
PCB-003	E1668C		**0.0000141 J**	**0.0000267**	0.00000722 U	**0.0000197**	**0.0000225 J**
PCB-004	E1668C		**0.00659**	**0.0126 J**	**0.00296**	**0.00936 J**	**0.009 J**
PCB-005	E1668C		**0.00000736**	0.00000639 U	0.0000042 U	**0.0000102**	**0.0000098**
PCB-006	E1668C		**0.000479**	**0.000998**	**0.000216**	**0.000657**	**0.000664**
PCB-007	E1668C		**0.0000468**	**0.000103**	**0.0000227**	**0.0000526**	**0.0000689**
PCB-008	E1668C		**0.000723**	**0.0015**	**0.00034**	**0.000996**	**0.00117**
PCB-009	E1668C		**0.0000699**	**0.000146**	**0.0000311**	**0.000108**	**0.0000927**
PCB-010	E1668C		**0.000416**	**0.000826**	**0.000199**	**0.000536**	**0.000558**
PCB-011	E1668C		0.00000354 U	0.0000139 U	0.00000455 U	0.00000525 UJ	0.0000144 U
PCB-012/013	E1668C		**0.0000553**	**0.000173**	**0.000034**	**0.0000617**	**0.000115**
PCB-014	E1668C		0.00000391 U	0.00000602 U	0.00000399 U	0.00000492 U	0.00000457 U
PCB-015	E1668C		**0.00024**	**0.000614**	**0.0000953**	**0.000149**	**0.000438**
PCB-016	E1668C		**0.000631**	**0.00168**	**0.000487**	**0.000596**	**0.00142**
PCB-017	E1668C		**0.00763**	**0.023 J**	**0.00537**	**0.00756 J**	**0.0186 J**
PCB-018/030	E1668C		**0.00366**	**0.0107 J**	**0.00292**	**0.00356**	**0.00839**
PCB-019	E1668C		**0.0137 J**	**0.0249 J**	**0.00638**	**0.0132 J**	**0.0212 J**
PCB-020/028	E1668C		**0.0257 J**	**0.0437 J**	**0.0127**	**0.00768**	**0.0411 J**
PCB-021/033	E1668C		**0.00408**	**0.0131 J**	**0.00294**	**0.00196**	**0.0121**
PCB-022	E1668C		**0.0016**	**0.00271**	**0.000896**	**0.000626**	**0.00248**
PCB-023	E1668C		0.0000187 U	0.0000241 U	0.0000111 U	0.00000896 U	0.0000224 U
PCB-024	E1668C		**0.0000433**	**0.0000765**	0.00000642 U	**0.0000308**	0.00000877 U
PCB-025	E1668C		**0.00442**	**0.0153 J**	**0.00296**	**0.00236**	**0.00728**
PCB-026/029	E1668C		**0.0112**	**0.0182 J**	**0.0059**	**0.00585**	**0.0145**
PCB-027	E1668C		**0.00458**	**0.0114 J**	**0.00301**	**0.00508**	**0.00934 J**
PCB-031	E1668C		**0.00704**	**0.013 J**	**0.004**	**0.00343**	**0.0109 J**
PCB-032	E1668C		**0.0134 J**	**0.0398 J**	**0.00991 J**	**0.00776 J**	**0.0394 J**
PCB-034	E1668C		**0.000346**	**0.000687**	**0.000219**	**0.000136**	**0.000684**
PCB-035	E1668C		0.0000177 U	0.0000223 U	0.0000105 U	0.00000851 U	0.0000213 U
PCB-036	E1668C		0.0000157 U	0.0000193 U	0.00000933 U	0.00000756 U	0.0000189 U
PCB-037	E1668C		**0.000418**	**0.000976**	**0.000167**	**0.000191**	**0.000631**
PCB-038	E1668C		**0.000225**	**0.000533**	**0.000109**	**0.0000619**	**0.000303**
PCB-039	E1668C		**0.000056**	**0.000163**	**0.0000254**	**0.0000168**	**0.0000962**
PCB-040/071	E1668C		**0.0331 J**	**0.1 J**	**0.0287 J**	**0.0129**	**0.0916 J**
PCB-041	E1668C		0.0000101 U	0.00000801 U	0.00000724 U	0.00000622 U	0.0000118 U
PCB-042	E1668C		**0.0292 J**	**0.0422 J**	**0.0134 J**	**0.00627**	**0.0378 J**
PCB-043	E1668C		**0.000906**	**0.00248**	**0.000655**	**0.000376**	**0.00211**
PCB-044/047/065	E1668C		**0.616 J**	**1.03 J**	**0.349 J**	**0.237 J**	**0.685 J**
PCB-045	E1668C		**0.012 J**	**0.0236 J**	**0.00326 J**	**0.00717**	**0.0423 J**
PCB-046	E1668C		**0.00422**	**0.0141 J**	**0.00294**	**0.00185**	**0.0119 J**
PCB-048	E1668C		**0.000893**	**0.00204**	**0.000572**	**0.000586**	**0.00173**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-02-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-03-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-03-YOY-240911 2024-09-11 N TA
PCB-049/069	E1668C		**0.385 J**	**0.524 J**	**0.169 J**	**0.117 J**	**0.471 J**
PCB-050/053	E1668C		**0.0726 J**	**0.213 J**	**0.0502 J**	**0.0344 J**	**0.181 J**
PCB-051	E1668C		**0.104 J**	**0.462 J**	**0.064 J**	**0.0433 J**	**0.279 J**
PCB-052	E1668C		**0.171 J**	**0.219 J**	**0.0759 J**	**0.0846 J**	**0.2 J**
PCB-054	E1668C		**0.0122 J**	**0.0304 J**	**0.00649**	**0.00695**	**0.0242 J**
PCB-055	E1668C		0.0000658 U	0.000429 U	0.0000326 U	0.000036 U	0.0000491 U
PCB-056	E1668C		**0.00252**	**0.0035**	**0.00136**	**0.00139**	**0.0037**
PCB-057	E1668C		**0.00127**	**0.00188**	**0.000738**	**0.000475**	**0.00163**
PCB-058	E1668C		**0.00171**	**0.00258**	**0.000643**	**0.000757**	**0.00246**
PCB-059/062/075	E1668C		**0.0148**	**0.0304 J**	**0.00708**	**0.00476**	**0.0245 J**
PCB-060	E1668C		**0.00121**	**0.000828**	**0.000314**	**0.000757**	**0.00132**
PCB-061/070/074/076	E1668C		**0.0362 J**	**0.0424 J**	**0.0172**	**0.0174**	**0.052 J**
PCB-063	E1668C		**0.00795 J**	**0.00982 J**	**0.00344**	**0.00173**	**0.00943 J**
PCB-064	E1668C		**0.0108 J**	**0.0143 J**	**0.00476**	**0.00441**	**0.0126 J**
PCB-066	E1668C		**0.0696 J**	**0.0788 J**	**0.0315 J**	**0.0205 J**	**0.0824 J**
PCB-067	E1668C		**0.00361**	**0.0051 J**	**0.00166**	**0.00103**	**0.00444**
PCB-068	E1668C		**0.0199 J**	**0.0287 J**	**0.00817 J**	**0.00429**	**0.0251 J**
PCB-072	E1668C		**0.0097 J**	**0.0121 J**	**0.00445**	**0.00281**	**0.0114 J**
PCB-073	E1668C		**0.00543**	**0.0191 J**	**0.00375**	**0.00304**	**0.0154 J**
PCB-077	E1668C		**0.00125**	**0.00212**	**0.000624**	**0.00049**	**0.00216**
PCB-078	E1668C		0.0000716 U	0.000467 U	**0.0002**	**0.000148**	**0.000456**
PCB-079	E1668C		**0.00229**	**0.00266**	**0.00114**	**0.000973 J**	**0.0026**
PCB-080	E1668C		**0.00646**	0.000429 U	**0.00316**	**0.00239**	**0.00718**
PCB-081	E1668C		0.0000723 U	0.000477 U	0.0000358 U	0.0000395 U	0.000054 U
PCB-082	E1668C		**0.0116 J**	**0.0107 J**	**0.00552**	**0.00413**	**0.0131 J**
PCB-083	E1668C		**0.0334 J**	**0.0483 J**	**0.0075**	**0.0176 J**	**0.0245 J**
PCB-084	E1668C		**0.0313 J**	**0.0398 J**	**0.0148 J**	**0.0102 J**	**0.0368 J**
PCB-085/116	E1668C		**0.0412 J**	**0.0435 J**	**0.0204 J**	**0.0183 J**	**0.0428 J**
PCB-086/087/097/109/119/125	E1668C		**0.217 J**	**0.256 J**	**0.115 J**	**0.0808 J**	**0.25 J**
PCB-088	E1668C		0.000482 U	0.00311 U	0.000188 U	0.0000105 U	0.000378 U
PCB-089	E1668C		0.000432 U	0.00278 U	**0.000289**	**0.000142**	**0.000597**
PCB-090/101/113	E1668C		**0.641 J**	**0.879 J**	**0.437 J**	**0.33 J**	**0.714 J**
PCB-091	E1668C		**0.216 J**	**0.246 J**	**0.106 J**	**0.0489 J**	**0.228 J**
PCB-092	E1668C		**0.228 J**	**0.274 J**	**0.125 J**	**0.0706 J**	**0.259 J**
PCB-093/100	E1668C		**0.184 J**	**0.234 J**	**0.0852 J**	**0.049 J**	**0.225 J**
PCB-094	E1668C		**0.0138 J**	**0.0528 J**	**0.0116 J**	**0.00436**	**0.0482 J**
PCB-095	E1668C		**0.284 J**	**0.349 J**	**0.141 J**	**0.123 J**	**0.318 J**
PCB-096	E1668C		**0.00545**	**0.0137 J**	**0.00441**	**0.00208**	**0.0126 J**
PCB-098	E1668C		0.000373 U	**0.00687 J**	**0.00157**	**0.000747**	**0.00343**
PCB-099	E1668C		**0.36 J**	**0.358 J**	**0.199 J**	**0.111 J**	**0.4 J**
PCB-102	E1668C		**0.0185 J**	**0.0371 J**	**0.0117 J**	**0.00441**	**0.0344 J**
PCB-103	E1668C		**0.0687 J**	**0.0959 J**	**0.0357 J**	**0.0182 J**	**0.0817 J**
PCB-104	E1668C		**0.00442**	**0.0125 J**	**0.00206**	**0.00162**	**0.00932 J**
PCB-105	E1668C		**0.0633 J**	**0.0517 J**	**0.0278 J**	**0.0402 J**	**0.0727 J**
PCB-106	E1668C		0.000303 U	0.00195 U	0.000118 U	0.00000661 U	0.000238 U
PCB-107	E1668C		**0.034 J**	**0.0369 J**	**0.0187 J**	**0.0101 J**	**0.0367 J**
PCB-108/124	E1668C		**0.00742**	**0.0105 J**	**0.00486**	**0.00401**	**0.0105**
PCB-110	E1668C		**0.297 J**	**0.369 J**	**0.147 J**	**0.123 J**	**0.326 J**
PCB-111	E1668C		**0.00451**	**0.00544 J**	**0.00245**	**0.00108**	**0.00499**
PCB-112	E1668C		**0.00143**	0.00185 U	**0.000707**	**0.000604**	**0.00145**
PCB-114	E1668C		**0.00584**	**0.00414 J**	**0.0025**	**0.00311**	**0.00588**
PCB-115	E1668C		0.000303 U	0.00191 U	0.000118 U	0.0000066 U	0.000237 U
PCB-117	E1668C		**0.0379 J**	**0.0489 J**	**0.0182 J**	**0.0104 J**	**0.0449 J**
PCB-118	E1668C		**0.264 J**	**0.188 J**	**0.116 J**	**0.141 J**	**0.266 J**
PCB-120	E1668C		**0.0104 J**	**0.0109 J**	**0.0054**	0.00000558 U	**0.00968 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-02-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-03-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-03-YOY-240911 2024-09-11 N TA
PCB-121	E1668C		**0.00399**	**0.00435 J**	**0.0018**	**0.00136**	**0.00377**
PCB-122	E1668C		**0.00217**	0.00237 U	**0.00109**	**0.0013**	**0.00248**
PCB-123	E1668C		**0.0063**	**0.00516 J**	**0.00276**	**0.00254**	**0.00598**
PCB-126	E1668C		**0.00111**	**0.00149**	**0.000575**	**0.000363**	**0.00141**
PCB-127	E1668C		0.00032 U	0.00172 U	0.000109 U	0.00000708 U	0.000253 U
PCB-128/166	E1668C		**0.125 J**	**0.11 J**	**0.0565 J**	**0.0807 J**	**0.112 J**
PCB-129/138/163	E1668C		**0.967 J**	**0.488 J**	**0.77 J**	**0.769 J**	**0.952 J**
PCB-130	E1668C		**0.0635 J**	**0.0289 J**	**0.0333 J**	**0.0252 J**	**0.0544 J**
PCB-131	E1668C		**0.00474**	**0.00207**	**0.00208**	**0.0017**	**0.00381**
PCB-132	E1668C		**0.168 J**	**0.0752 J**	**0.0808 J**	**0.069 J**	**0.126 J**
PCB-133	E1668C		**0.0346 J**	**0.017 J**	**0.0184 J**	**0.0147 J**	**0.0297 J**
PCB-134	E1668C		**0.0373 J**	**0.0196 J**	**0.0197 J**	**0.0158 J**	**0.0331 J**
PCB-135/151	E1668C		**0.427 J**	**0.222 J**	**0.257 J**	**0.248 J**	**0.404 J**
PCB-136	E1668C		**0.109 J**	**0.0928 J**	**0.0499 J**	**0.0507 J**	**0.0881 J**
PCB-137	E1668C		**0.0253 J**	**0.0115 J**	**0.0123 J**	**0.0107 J**	**0.0231 J**
PCB-139/140	E1668C		**0.0149**	**0.00682**	**0.00783**	**0.00571**	**0.0128**
PCB-141	E1668C		**0.243 J**	**0.12 J**	**0.123 J**	**0.139 J**	**0.217 J**
PCB-142	E1668C		0.0000165 U	0.00000179 U	0.0000146 U	0.00000699 U	0.000017 U
PCB-143	E1668C		0.0000154 U	0.00000158 U	0.0000135 U	0.00000649 U	0.0000158 U
PCB-144	E1668C		**0.0514 J**	**0.0239 J**	**0.0263 J**	**0.0252 J**	**0.042 J**
PCB-145	E1668C		**0.000165**	**0.000147**	0.0000104 U	0.00000436 U	**0.000172**
PCB-146	E1668C		**0.273 J**	**0.129 J**	**0.146 J**	**0.14 J**	**0.234 J**
PCB-147/149	E1668C		**0.672 J**	**0.401 J**	**0.473 J**	**0.53 J**	**0.663 J**
PCB-148	E1668C		**0.0107 J**	**0.00546 J**	**0.00553**	**0.00386**	**0.00969 J**
PCB-150	E1668C		**0.014 J**	**0.0125 J**	**0.00528**	**0.00438**	**0.0116 J**
PCB-152	E1668C		**0.00436**	**0.00796 J**	**0.00276**	**0.00119**	**0.00869 J**
PCB-153/168	E1668C		**0.705 J**	**0.437 J**	**0.67 J**	**0.588 J**	**0.71 J**
PCB-154	E1668C		**0.0616 J**	**0.0242 J**	**0.0281 J**	**0.0191 J**	**0.0437 J**
PCB-155	E1668C		**0.00233**	**0.00191**	**0.000863**	**0.000962**	**0.00223**
PCB-156/157	E1668C		**0.0871 J**	**0.0685 J**	**0.0344 J**	**0.0477 J**	**0.0807 J**
PCB-158	E1668C		**0.0891 J**	**0.04 J**	**0.0448 J**	**0.0482 J**	**0.0739 J**
PCB-159	E1668C		**0.0157 J**	**0.0159 J**	**0.00713**	**0.0108 J**	**0.0137 J**
PCB-160	E1668C		0.00000866 U	0.00000119 U	0.00000763 U	0.00000366 U	0.00000892 U
PCB-161	E1668C		0.0000106 U	**0.000158**	0.00000929 U	0.00000446 U	0.0000109 U
PCB-162	E1668C		**0.00703**	**0.00766 J**	**0.00329**	**0.00253**	**0.00739**
PCB-164	E1668C		**0.0543 J**	**0.032 J**	**0.0268 J**	**0.034 J**	**0.0525 J**
PCB-165	E1668C		**0.00598**	**0.00336**	**0.0036**	**0.00329**	**0.00535**
PCB-167	E1668C		**0.0589 J**	**0.0537 J**	**0.0236 J**	**0.0272 J**	**0.056 J**
PCB-169	E1668C		**0.00385**	**0.00515 J**	**0.002**	**0.00232**	**0.00384**
PCB-170	E1668C		**0.49 J**	**0.363 J**	**0.241 J**	**0.248 J**	**0.45 J**
PCB-171/173	E1668C		**0.148 J**	**0.0602 J**	**0.0636 J**	**0.0635 J**	**0.0933 J**
PCB-172	E1668C		**0.101 J**	**0.0513 J**	**0.0421 J**	**0.0508 J**	**0.0739 J**
PCB-174	E1668C		**0.35 J**	**0.169 J**	**0.134 J**	**0.197 J**	**0.24 J**
PCB-175	E1668C		**0.0241 J**	**0.0106 J**	**0.0101 J**	**0.00967 J**	**0.0162 J**
PCB-176	E1668C		**0.0666 J**	**0.044 J**	**0.0251 J**	**0.0315 J**	**0.0363 J**
PCB-177	E1668C		**0.264 J**	**0.107 J**	**0.11 J**	**0.124 J**	**0.153 J**
PCB-178	E1668C		**0.187 J**	**0.142 J**	**0.0826 J**	**0.11 J**	**0.124 J**
PCB-179	E1668C		**0.16 J**	**0.125 J**	**0.0695 J**	**0.0798 J**	**0.0995 J**
PCB-180/193	E1668C		**0.86 J**	**0.545 J**	**0.511 J**	**0.628 J**	**0.737 J**
PCB-181	E1668C		**0.00315**	0.0000362 U	**0.00126**	**0.0014**	**0.00229**
PCB-182	E1668C		**0.00428**	**0.00192**	**0.00225**	**0.00277**	**0.00323**
PCB-183	E1668C		**0.341 J**	**0.157 J**	**0.142 J**	**0.164 J**	**0.24 J**
PCB-184	E1668C		**0.000725**	**0.000575**	**0.000274**	**0.000284**	**0.000498**
PCB-185	E1668C		**0.0658 J**	**0.0325 J**	**0.0276 J**	**0.0318 J**	**0.0527 J**
PCB-186	E1668C		0.00000947 U	**0.0000719**	**0.0000186**	0.00000417 U	0.0000137 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-02-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-03-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-03-YOY-240911 2024-09-11 N TA
PCB-187	E1668C		**0.659 J**	**0.324 J**	**0.356 J**	**0.597 J**	**0.502 J**
PCB-188	E1668C		**0.00441**	**0.00321**	**0.00173**	**0.00184**	**0.00318**
PCB-189	E1668C		**0.0205 J**	**0.0183 J**	**0.00767**	**0.0104 J**	**0.0187 J**
PCB-190	E1668C		**0.111 J**	**0.0929 J**	**0.0554 J**	**0.0631 J**	**0.109 J**
PCB-191	E1668C		**0.0225 J**	**0.00949 J**	**0.00895 J**	**0.0115 J**	**0.015 J**
PCB-192	E1668C		0.0000881 U	0.0000277 U	0.0000481 U	0.0000603 U	0.0000744 U
PCB-194	E1668C		**0.229 J**	**0.15 J**	**0.0875 J**	**0.129 J**	**0.178 J**
PCB-195	E1668C		**0.109 J**	**0.0634 J**	**0.0424 J**	**0.0532 J**	**0.0686 J**
PCB-196	E1668C		**0.141 J**	**0.102 J**	**0.0574 J**	**0.0734 J**	**0.0926 J**
PCB-197	E1668C		**0.0115 J**	**0.00802 J**	**0.00474**	**0.00617**	**0.00726**
PCB-198/199	E1668C		**0.265 J**	**0.194 J**	**0.11 J**	**0.176 J**	**0.177 J**
PCB-200	E1668C		**0.0213 J**	**0.0152 J**	**0.00707**	**0.0106 J**	**0.0114 J**
PCB-201	E1668C		**0.0354 J**	**0.0245 J**	**0.0147 J**	**0.0178 J**	**0.0215 J**
PCB-202	E1668C		**0.0424 J**	**0.0216 J**	**0.0185 J**	**0.0264 J**	**0.0207 J**
PCB-203	E1668C		**0.174 J**	**0.164 J**	**0.0702 J**	**0.101 J**	**0.146 J**
PCB-204	E1668C		**0.0000947**	**0.0000879**	**0.0000339**	0.00000669 U	**0.0000736**
PCB-205	E1668C		**0.0153 J**	**0.00999 J**	**0.0059**	**0.00858 J**	**0.0108 J**
PCB-206	E1668C		**0.0413 J**	**0.0182 J**	**0.018 J**	**0.0244 J**	**0.0229 J**
PCB-207	E1668C		**0.0056**	**0.00335**	**0.00238**	**0.003**	**0.00325**
PCB-208	E1668C		**0.0069**	**0.00331**	**0.00277**	**0.00413**	**0.00347**
PCB-209	E1668C		**0.00174**	**0.000644**	**0.000654**	**0.000955**	**0.000662**
Total PCB Congener (U = 0 max limit)	Calculated		**14 J**	**12 J**	**7.9 J**	**7.9 J**	**14 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**14 J**	**12 J**	**7.9 J**	**7.9 J**	**14 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-04-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-05-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-06-YOY-240911 2024-09-11 N TA
Conventional Parameters (pct)								
Lipids	ENVSOPGBAY0090-00		**0.45 J**	**2.4 J**	**0.94 J**	**3.1 J**	**0.65 J**	**2.7 J**
PCB Aroclors (mg/kg)								
Aroclor 1016	SW8082A		0.499 U	0.749 U	1.25 U	1.25 U	0.75 U	0.75 U
Aroclor 1221	SW8082A		0.499 U	0.749 U	1.25 U	1.25 U	0.75 U	0.75 U
Aroclor 1232	SW8082A		0.499 U	0.749 U	1.25 U	1.25 U	0.75 U	0.75 U
Aroclor 1242	SW8082A		0.499 U	0.749 U	1.25 U	1.25 U	0.75 U	0.75 U
Aroclor 1248	SW8082A		0.499 U	**0.532 J**	1.25 U	**0.618 J**	**0.294 J**	**0.442 J**
Aroclor 1254	SW8082A		0.499 U	0.749 U	R	1.25 U	0.75 U	0.75 U
Aroclor 1260	SW8082A		**5.28**	**6.13**	**11.5**	**9.14**	**11.8**	**5.42**
Total PCB Aroclors (U = 0 max limit)	Calculated		**5.28**	**6.66 J**	**11.5**	**9.76 J**	**12.1 J**	**5.86 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**5.77**	**7.28 J**	**12.5**	**10.8 J**	**12.7 J**	**6.48 J**
PCB Congeners (mg/kg)								
PCB-001	E1668C		**0.0000285 J**	**0.000152**	**0.0000722**	**0.000184**	**0.0000341**	**0.000149**
PCB-002	E1668C		0.00000678 U	**0.00000546**	0.00000563 U	0.00000315 U	0.00000473 U	0.00000229 U
PCB-003	E1668C		0.00000752 U	**0.0000316**	0.00000623 U	**0.0000297**	0.00000543 U	**0.0000256**
PCB-004	E1668C		**0.00188**	**0.0108 J**	**0.00432**	**0.0127 J**	**0.00265**	**0.0105 J**
PCB-005	E1668C		0.00000483 U	**0.0000134**	**0.00000353**	**0.0000168**	**0.00000365**	**0.0000135**
PCB-006	E1668C		**0.000154**	**0.00106**	**0.000345**	**0.00104**	**0.000208**	**0.000886**
PCB-007	E1668C		**0.0000162**	**0.000124**	**0.0000345**	**0.000124**	**0.0000202**	**0.000105**
PCB-008	E1668C		**0.000237**	**0.00161**	**0.000512**	**0.00165**	**0.000325**	**0.00136**
PCB-009	E1668C		**0.0000235**	**0.000151**	**0.00005**	**0.000159**	**0.0000299**	**0.000134**
PCB-010	E1668C		**0.000127**	**0.000733**	**0.00028**	**0.000819**	**0.000176**	**0.000723**
PCB-011	E1668C		0.0000053 U	0.0000169 U	0.00000567 U	0.0000133 U	0.00000523 UJ	0.0000165 U
PCB-012/013	E1668C		0.00000461 U	**0.000182**	**0.0000499**	**0.000198**	**0.0000355**	**0.000153**
PCB-014	E1668C		0.00000457 U	0.00000634 U	0.0000037 U	0.00000942 U	0.00000372 U	0.00000479 U
PCB-015	E1668C		**0.0000909**	**0.000686**	**0.000113**	**0.000568**	**0.0000697**	**0.000619**
PCB-016	E1668C		**0.000234**	**0.0021**	**0.000539**	**0.00186**	**0.000496**	**0.0018**
PCB-017	E1668C		**0.00269**	**0.0224 J**	**0.00752 J**	**0.0249 J**	**0.00625**	**0.0211 J**
PCB-018/030	E1668C		**0.00153**	**0.0125 J**	**0.0037**	**0.0117 J**	**0.00306**	**0.011 J**
PCB-019	E1668C		**0.00396**	**0.0235 J**	**0.00971 J**	**0.0275 J**	**0.00711**	**0.0242 J**
PCB-020/028	E1668C		**0.00575**	**0.0486 J**	**0.0192 J**	**0.0445 J**	**0.0166 J**	**0.0408 J**
PCB-021/033	E1668C		**0.00128**	**0.0131 J**	**0.00472**	**0.0133 J**	**0.00446**	**0.0127 J**
PCB-022	E1668C		**0.000388**	**0.00372**	**0.00105**	**0.00277**	**0.000947**	**0.0033**
PCB-023	E1668C		0.00000904 U	0.0000257 U	0.0000171 U	0.0000263 U	0.0000116 U	0.0000197 U
PCB-024	E1668C		0.00000679 U	**0.0000826**	0.0000058 U	**0.0000783**	**0.0000245**	**0.000082**
PCB-025	E1668C		**0.00142**	**0.0184 J**	**0.00343**	**0.0151 J**	**0.00294**	**0.0165 J**
PCB-026/029	E1668C		**0.00278**	**0.0226 J**	**0.00784**	**0.0171 J**	**0.00655**	**0.0194 J**
PCB-027	E1668C		**0.00166**	**0.0114 J**	**0.00405**	**0.0126 J**	**0.00334**	**0.0102 J**
PCB-031	E1668C		**0.00195**	**0.017 J**	**0.00504**	**0.0127 J**	**0.00388**	**0.0141 J**
PCB-032	E1668C		**0.00494**	**0.0418 J**	**0.0158 J**	**0.0457 J**	**0.0119 J**	**0.034 J**
PCB-034	E1668C		**0.000106**	**0.000791**	**0.000384**	**0.000686**	**0.000313**	**0.000672**
PCB-035	E1668C		0.00000836 U	0.0000239 U	0.0000158 U	0.0000244 U	0.000011 U	0.0000188 U
PCB-036	E1668C		0.00000733 U	0.0000206 U	0.0000139 U	0.0000211 U	0.00000978 U	0.0000156 U
PCB-037	E1668C		**0.000105**	**0.00121**	**0.000262**	**0.000936**	0.00000949 U	**0.00105**
PCB-038	E1668C		**0.0000584**	**0.000399 J**	**0.000214**	**0.000563**	0.0000104 U	**0.000289**
PCB-039	E1668C		**0.0000101**	**0.000186**	0.0000151 U	0.0000237 U	**0.0000595**	**0.00017**
PCB-040/071	E1668C		**0.0118**	**0.117 J**	**0.0406 J**	**0.111 J**	**0.0451 J**	**0.0811 J**
PCB-041	E1668C		0.00000855 U	0.0000122 U	0.00000784 U	0.0000131 U	0.00000719 U	0.00000845 U
PCB-042	E1668C		**0.00565**	**0.0479 J**	**0.0172 J**	**0.0462 J**	**0.0219 J**	**0.0339 J**
PCB-043	E1668C		**0.000278**	**0.00237**	**0.000943**	**0.00243**	**0.000877**	**0.00177**
PCB-044/047/065	E1668C		**0.195 J**	**0.873 J**	**0.53 J**	**1.01 J**	**0.527 J**	**0.716 J**
PCB-045	E1668C		**0.00312**	**0.049 J**	**0.0135 J**	**0.0245 J**	**0.0089 J**	**0.0241 J**
PCB-046	E1668C		**0.00156**	**0.0177 J**	**0.00398**	**0.0159 J**	**0.00373**	**0.0123 J**
PCB-048	E1668C		**0.000261**	**0.00201**	**0.000796**	**0.00212**	**0.000832**	**0.00171**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-04-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-05-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-06-YOY-240911 2024-09-11 N TA
PCB-049/069	E1668C		**0.0821 J**	**0.491 J**	**0.259 J**	**0.529 J**	**0.289 J**	**0.382 J**
PCB-050/053	E1668C		**0.0249 J**	**0.236 J**	**0.0769 J**	**0.234 J**	**0.0683 J**	**0.168 J**
PCB-051	E1668C		**0.0333 J**	**0.38 J**	**0.0971 J**	**0.476 J**	**0.104 J**	**0.332 J**
PCB-052	E1668C		**0.0367 J**	**0.252 J**	**0.108 J**	**0.224 J**	**0.118 J**	**0.182 J**
PCB-054	E1668C		**0.00407**	**0.0331 J**	**0.0111 J**	**0.0321 J**	**0.00775 J**	**0.0307 J**
PCB-055	E1668C		0.0000317 U	0.000405 U	0.000043 U	0.000568 U	0.0000555 U	0.000522 U
PCB-056	E1668C		**0.000588**	**0.00421 J**	**0.00157**	**0.00364**	**0.00202**	**0.00312**
PCB-057	E1668C		**0.000375**	**0.00204**	**0.00096**	**0.00171**	**0.00129**	**0.00157**
PCB-058	E1668C		**0.000319**	**0.0025**	**0.00119**	**0.00193**	**0.00239**	**0.00412 J**
PCB-059/062/075	E1668C		**0.00376**	**0.0217 J**	**0.0119**	**0.0303 J**	**0.012**	**0.0168 J**
PCB-060	E1668C		**0.000197**	**0.000812**	**0.000461**	**0.00114**	**0.000544**	0.000643 U
PCB-061/070/074/076	E1668C		**0.00829**	**0.0495 J**	**0.0215**	**0.0503 J**	**0.0284**	**0.0384 J**
PCB-063	E1668C		**0.002**	**0.00923 J**	**0.00555**	**0.00984 J**	**0.00689**	**0.00722 J**
PCB-064	E1668C		**0.00209**	**0.0156 J**	**0.00624**	**0.0152 J**	**0.0076 J**	**0.0123 J**
PCB-066	E1668C		**0.0189 J**	**0.0802 J**	**0.0527 J**	**0.0837 J**	**0.0686 J**	**0.0612 J**
PCB-067	E1668C		**0.00116**	**0.00405 J**	**0.00233**	**0.00533 J**	**0.00355**	**0.00139**
PCB-068	E1668C		**0.0053**	**0.023 J**	**0.0153 J**	**0.0287 J**	**0.0167 J**	**0.0175 J**
PCB-072	E1668C		**0.00259**	**0.0115 J**	**0.00683**	**0.0119 J**	**0.00858 J**	**0.00859 J**
PCB-073	E1668C		**0.00209**	**0.0148 J**	**0.00665**	**0.0189 J**	**0.00578**	**0.0126 J**
PCB-077	E1668C		**0.000301**	**0.00282**	**0.000791**	**0.00221**	**0.000933**	**0.00224**
PCB-078	E1668C		**0.000142**	0.00044 U	0.0000474 U	0.000617 U	0.0000604 U	0.000561 U
PCB-079	E1668C		**0.000786**	**0.0024**	**0.00172**	**0.00272**	**0.00213**	**0.00233**
PCB-080	E1668C		**0.00222**	0.000405 U	**0.00511**	0.000568 U	**0.00662**	0.000521 U
PCB-081	E1668C		0.000036 U	0.00045 U	0.0000488 U	0.000631 U	0.000061 U	0.000577 U
PCB-082	E1668C		**0.00299**	**0.0101 J**	**0.00702**	**0.0117 J**	**0.00932 J**	**0.00846 J**
PCB-083	E1668C		**0.0117 J**	**0.0409 J**	**0.0187 J**	**0.0499 J**	**0.01 J**	**0.0126 J**
PCB-084	E1668C		**0.00698**	**0.0468 J**	**0.0179 J**	**0.0384 J**	**0.022 J**	**0.0339 J**
PCB-085/116	E1668C		**0.0145 J**	**0.0365 J**	**0.0326 J**	**0.0451 J**	**0.037 J**	**0.0295 J**
PCB-086/087/097/109/119/125	E1668C		**0.0681 J**	**0.228 J**	**0.165 J**	**0.249 J**	**0.212 J**	**0.189 J**
PCB-088	E1668C		0.0000133 U	0.00357 U	0.0000125 U	0.00241 U	0.000247 U	0.000286 U
PCB-089	E1668C		**0.000127**	0.00319 U	**0.000339**	0.00215 U	**0.000456**	**0.000802**
PCB-090/101/113	E1668C		**0.275 J**	**0.809 J**	**0.579 J**	**0.815 J**	**0.633 J**	**0.662 J**
PCB-091	E1668C		**0.058 J**	**0.257 J**	**0.156 J**	**0.225 J**	**0.207 J**	**0.187 J**
PCB-092	E1668C		**0.0774 J**	**0.263 J**	**0.184 J**	**0.244 J**	**0.231 J**	**0.205 J**
PCB-093/100	E1668C		**0.0508 J**	**0.165 J**	**0.124 J**	**0.205 J**	**0.161 J**	**0.136 J**
PCB-094	E1668C		**0.00493**	**0.0545 J**	**0.0143 J**	**0.05 J**	**0.0175 J**	**0.0363 J**
PCB-095	E1668C		**0.0698 J**	**0.383 J**	**0.179 J**	**0.321 J**	**0.218 J**	**0.279 J**
PCB-096	E1668C		**0.00205**	**0.0171 J**	**0.00567**	**0.0166 J**	**0.00682**	**0.0128 J**
PCB-098	E1668C		**0.000929**	**0.00744 J**	**0.00381**	**0.00592 J**	**0.00284**	**0.00475 J**
PCB-099	E1668C		**0.153 J**	**0.322 J**	**0.342 J**	**0.34 J**	**0.395 J**	**0.433 J**
PCB-102	E1668C		**0.00561**	**0.0402 J**	**0.0134 J**	**0.0344 J**	**0.0196 J**	**0.0248 J**
PCB-103	E1668C		**0.0209 J**	**0.0824 J**	**0.0571 J**	**0.0872 J**	**0.0652 J**	**0.0617 J**
PCB-104	E1668C		**0.00109**	**0.00847 J**	**0.00279**	**0.0116 J**	**0.00382**	**0.00854 J**
PCB-105	E1668C		**0.0248 J**	**0.0371 J**	**0.0446 J**	**0.0608 J**	**0.0567 J**	**0.035 J**
PCB-106	E1668C		0.00000835 U	0.00223 U	0.00000781 U	0.00151 U	0.000155 U	0.000174 U
PCB-107	E1668C		**0.0129 J**	**0.0333 J**	**0.0269 J**	**0.0367 J**	**0.0383 J**	**0.0304 J**
PCB-108/124	E1668C		**0.00282**	**0.00991 J**	**0.00709**	**0.0106 J**	**0.00863**	**0.00844 J**
PCB-110	E1668C		**0.0935 J**	**0.338 J**	**0.232 J**	**0.344 J**	**0.268 J**	**0.35 J**
PCB-111	E1668C		**0.00202**	**0.00471 J**	**0.00407**	**0.00502 J**	**0.00507**	**0.00458 J**
PCB-112	E1668C		**0.000475**	0.00212 U	**0.00113**	**0.0012**	**0.0014**	**0.00118**
PCB-114	E1668C		**0.00231**	**0.00326**	**0.00434**	**0.0043 J**	**0.00528**	**0.00313**
PCB-115	E1668C		0.00000757 U	0.00219 U	0.00000708 U	0.00148 U	0.000155 U	0.000142 U
PCB-117	E1668C		**0.0116 J**	**0.0416 J**	**0.0302 J**	**0.0466 J**	**0.0358 J**	**0.0389 J**
PCB-118	E1668C		**0.108 J**	**0.171 J**	**0.194 J**	**0.232 J**	**0.251 J**	**0.147 J**
PCB-120	E1668C		**0.00398**	**0.00966 J**	**0.0078 J**	**0.0102 J**	**0.0112 J**	**0.00899 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-04-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-05-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-06-YOY-240911 2024-09-11 N TA
PCB-121	E1668C		**0.00125**	**0.00298**	**0.00257**	**0.0038**	**0.00327**	**0.00297**
PCB-122	E1668C		**0.000736**	0.00279 U	**0.00183**	0.00215 U	**0.00198**	**0.00135**
PCB-123	E1668C		**0.00244**	**0.00412 J**	**0.00475**	**0.00514 J**	**0.00573**	**0.00333**
PCB-126	E1668C		**0.0005**	**0.00193**	**0.00125**	**0.00169**	**0.00112**	**0.00117**
PCB-127	E1668C		0.0000101 U	0.0018 U	0.00000801 U	0.00166 U	0.000151 U	**0.000789**
PCB-128/166	E1668C		**0.0563 J**	**0.0852 J**	**0.0977 J**	**0.113 J**	**0.118 J**	**0.0703 J**
PCB-129/138/163	E1668C		**0.67 J**	**0.478 J**	**0.867 J**	**0.488 J**	**0.908 J**	**0.515 J**
PCB-130	E1668C		**0.0265 J**	**0.0265 J**	**0.0474 J**	**0.03 J**	**0.0565 J**	**0.0253 J**
PCB-131	E1668C		**0.00158**	**0.00207**	**0.00262**	**0.00214**	**0.00313**	**0.00175**
PCB-132	E1668C		**0.0505 J**	**0.0733 J**	**0.096 J**	**0.0747 J**	**0.12 J**	**0.0622 J**
PCB-133	E1668C		**0.0164 J**	**0.0168 J**	**0.0263 J**	**0.0167 J**	**0.0326 J**	**0.0158 J**
PCB-134	E1668C		**0.0128 J**	**0.0187 J**	**0.0247 J**	**0.0191 J**	**0.029 J**	**0.0132 J**
PCB-135/151	E1668C		**0.161 J**	**0.223 J**	**0.315 J**	**0.216 J**	**0.4 J**	**0.187 J**
PCB-136	E1668C		**0.0239 J**	**0.098 J**	**0.0536 J**	**0.0922 J**	**0.0719 J**	**0.066 J**
PCB-137	E1668C		**0.0116 J**	**0.009 J**	**0.0186 J**	**0.0129 J**	**0.0235 J**	**0.00911 J**
PCB-139/140	E1668C		**0.00618**	**0.00579**	**0.0108**	**0.00701**	**0.014**	**0.00523**
PCB-141	E1668C		**0.103 J**	**0.106 J**	**0.187 J**	**0.124 J**	**0.208 J**	**0.0905 J**
PCB-142	E1668C		0.0000175 U	0.00000875 U	0.0000117 U	0.00000778 U	0.0000117 U	0.00000706 U
PCB-143	E1668C		0.0000151 U	0.00000773 U	0.0000101 U	0.00000687 U	0.0000109 U	0.00000744 U
PCB-144	E1668C		**0.0195 J**	**0.0226 J**	**0.0367 J**	**0.0236 J**	**0.0429 J**	**0.0204 J**
PCB-145	E1668C		0.0000111 U	0.0000118 U	**0.000106**	0.0000131 U	**0.00018**	**0.0000954**
PCB-146	E1668C		**0.123 J**	**0.123 J**	**0.206 J**	**0.13 J**	**0.266 J**	**0.116 J**
PCB-147/149	E1668C		**0.361 J**	**0.394 J**	**0.587 J**	**0.388 J**	**0.614 J**	**0.358 J**
PCB-148	E1668C		**0.0041**	**0.00446 J**	**0.00698**	**0.0053 J**	**0.0096 J**	**0.00417 J**
PCB-150	E1668C		**0.00446**	**0.0105 J**	**0.0102 J**	**0.0127 J**	**0.0115 J**	**0.00785 J**
PCB-152	E1668C		**0.00154**	**0.00684 J**	**0.00303**	**0.0081 J**	**0.00525**	**0.00508 J**
PCB-153/168	E1668C		**0.612 J**	**0.447 J**	**0.656 J**	**0.431 J**	**0.666 J**	**0.41 J**
PCB-154	E1668C		**0.0234 J**	**0.0204 J**	**0.033 J**	**0.0244 J**	**0.0521 J**	**0.0193 J**
PCB-155	E1668C		**0.000799**	**0.00117**	**0.00162**	**0.00186**	**0.00196**	**0.00107**
PCB-156/157	E1668C		**0.0355 J**	**0.0558 J**	**0.0633 J**	**0.0827 J**	**0.0794 J**	**0.0531 J**
PCB-158	E1668C		**0.039 J**	**0.0329 J**	**0.0627 J**	**0.0456 J**	**0.0759 J**	**0.0313 J**
PCB-159	E1668C		**0.00622**	**0.0121 J**	**0.0132 J**	**0.0153 J**	**0.0141 J**	**0.0101 J**
PCB-160	E1668C		0.00000929 U	0.00000579 U	0.0000062 U	0.00000515 U	0.00000614 U	0.00000389 U
PCB-161	E1668C		0.0000112 U	0.00000556 U	0.00000751 U	0.00000495 U	0.00000748 U	0.00000469 U
PCB-162	E1668C		**0.0034**	**0.00622 J**	**0.00693**	**0.00814 J**	**0.00754 J**	**0.00517 J**
PCB-164	E1668C		**0.0228 J**	**0.026 J**	**0.0473 J**	**0.0311 J**	**0.047 J**	**0.0248 J**
PCB-165	E1668C		**0.0027**	**0.00326**	**0.00434**	**0.00316**	**0.00557**	**0.00308**
PCB-167	E1668C		**0.0272 J**	**0.0377 J**	**0.0507 J**	**0.0591 J**	**0.0558 J**	**0.0312 J**
PCB-169	E1668C		**0.00238**	**0.00387**	**0.00396**	**0.00574 J**	**0.00428**	**0.00381**
PCB-170	E1668C		**0.243 J**	**0.316 J**	**0.341 J**	**0.376 J**	**0.46 J**	**0.27 J**
PCB-171/173	E1668C		**0.0624 J**	**0.0538 J**	**0.105 J**	**0.0594 J**	**0.121 J**	**0.0444 J**
PCB-172	E1668C		**0.0442 J**	**0.0496 J**	**0.0812 J**	**0.0498 J**	**0.0832 J**	**0.0452 J**
PCB-174	E1668C		**0.123 J**	**0.156 J**	**0.255 J**	**0.155 J**	**0.245 J**	**0.124 J**
PCB-175	E1668C		**0.00899 J**	**0.0105 J**	**0.0162 J**	**0.01 J**	**0.0191 J**	**0.0091 J**
PCB-176	E1668C		**0.014 J**	**0.0294 J**	**0.0315 J**	**0.0347 J**	**0.0426 J**	**0.0326 J**
PCB-177	E1668C		**0.089 J**	**0.107 J**	**0.166 J**	**0.104 J**	**0.188 J**	**0.0885 J**
PCB-178	E1668C		**0.0557 J**	**0.104 J**	**0.115 J**	**0.117 J**	**0.163 J**	**0.122 J**
PCB-179	E1668C		**0.0258 J**	**0.0915 J**	**0.0598 J**	**0.0954 J**	**0.0925 J**	**0.0899 J**
PCB-180/193	E1668C		**0.547 J**	**0.515 J**	**0.789 J**	**0.526 J**	**0.726 J**	**0.456 J**
PCB-181	E1668C		**0.00132**	**0.0013**	**0.00232**	**0.0015**	**0.00253**	**0.00111**
PCB-182	E1668C		**0.00206**	**0.00167**	**0.00379**	0.0000349 U	**0.00447**	**0.00123**
PCB-183	E1668C		**0.154 J**	**0.142 J**	**0.248 J**	**0.151 J**	**0.274 J**	**0.118 J**
PCB-184	E1668C		**0.000199**	**0.000335**	**0.000448**	**0.000487**	**0.000609**	**0.000332**
PCB-185	E1668C		**0.0229 J**	**0.0304 J**	**0.0479 J**	**0.0337 J**	**0.0541 J**	**0.0241 J**
PCB-186	E1668C		0.00000772 U	**0.0000404**	0.0000101 U	**0.0000527**	0.00000658 U	**0.0000365**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-04-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-05-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-06-YOY-240911 2024-09-11 N TA
PCB-187	E1668C		**0.335 J**	**0.338 J**	**0.576 J**	**0.31 J**	**0.576 J**	**0.279 J**
PCB-188	E1668C		**0.0013**	**0.00207**	**0.00285**	**0.00251**	**0.00388**	**0.00224**
PCB-189	E1668C		**0.00798 J**	**0.0124 J**	**0.0152 J**	**0.0215 J**	**0.0176 J**	**0.012 J**
PCB-190	E1668C		**0.0544 J**	**0.0769 J**	**0.0803 J**	**0.0978 J**	**0.108 J**	**0.0698 J**
PCB-191	E1668C		**0.00968 J**	**0.00755 J**	**0.0167 J**	**0.00919 J**	**0.0173 J**	**0.00695 J**
PCB-192	E1668C		0.0000549 U	0.0000359 U	0.0000702 U	0.0000288 U	**0.0000752**	**0.0000695**
PCB-194	E1668C		**0.0807 J**	**0.101 J**	**0.162 J**	**0.157 J**	**0.205 J**	**0.103 J**
PCB-195	E1668C		**0.0396 J**	**0.0444 J**	**0.0761 J**	**0.0665 J**	**0.0985 J**	**0.0416 J**
PCB-196	E1668C		**0.051 J**	**0.0592 J**	**0.0898 J**	**0.0809 J**	**0.118 J**	**0.0601 J**
PCB-197	E1668C		**0.00438**	**0.00484 J**	**0.00771 J**	**0.00677 J**	**0.01 J**	**0.00451 J**
PCB-198/199	E1668C		**0.0987 J**	**0.132 J**	**0.18 J**	**0.162 J**	**0.231 J**	**0.136 J**
PCB-200	E1668C		**0.00444**	**0.0091 J**	**0.00834 J**	**0.0121 J**	**0.0106 J**	**0.00792 J**
PCB-201	E1668C		**0.0108 J**	**0.016 J**	**0.0213 J**	**0.0201 J**	**0.0294 J**	**0.0158 J**
PCB-202	E1668C		**0.0139 J**	**0.017 J**	**0.0234 J**	**0.0178 J**	**0.0343 J**	**0.0158 J**
PCB-203	E1668C		**0.0625 J**	**0.0904 J**	**0.107 J**	**0.131 J**	**0.153 J**	**0.0923 J**
PCB-204	E1668C		**0.0000295 J**	**0.0000544**	**0.0000684**	**0.0000671**	**0.000078**	**0.0000389**
PCB-205	E1668C		**0.00507**	**0.00677 J**	**0.00977 J**	**0.0108 J**	**0.0142 J**	**0.00698 J**
PCB-206	E1668C		**0.0122 J**	**0.0113 J**	**0.0234 J**	**0.0191 J**	**0.036 J**	**0.0122 J**
PCB-207	E1668C		**0.00171**	**0.00208**	**0.00322**	**0.00315**	**0.00471**	**0.00188**
PCB-208	E1668C		**0.00172**	**0.00227**	**0.00328**	**0.00308**	**0.0051**	**0.00219**
PCB-209	E1668C		**0.000476**	**0.00044**	**0.000785**	**0.000654**	**0.00132**	**0.000439**
Total PCB Congener (U = 0 max limit)	Calculated		**6.2 J**	**11 J**	**11 J**	**12 J**	**12 J**	**9.8 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**6.2 J**	**11 J**	**11 J**	**12 J**	**12 J**	**9.8 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-07-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-03-ADLT-250102 2025-01-02 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.68 J**	**1.9 J**	**2.4 J**	**1.1 J**	**1.6 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.751 U	1.25 U	0.751 U	0.75 U	0.50 U
Aroclor 1221	SW8082A		0.751 U	1.25 U	0.751 U	0.75 U	0.50 U
Aroclor 1232	SW8082A		0.751 U	1.25 U	0.751 U	0.75 U	0.50 U
Aroclor 1242	SW8082A		0.751 U	1.25 U	0.751 U	0.75 U	0.50 U
Aroclor 1248	SW8082A		0.751 U	**0.445 J**	**0.575 J**	**0.265 J**	**0.425 J**
Aroclor 1254	SW8082A		0.751 U	1.25 U	0.751 U	0.75 U	0.50 U
Aroclor 1260	SW8082A		**9.91**	**10.3**	**13.2**	**4.32**	**7.64**
Total PCB Aroclors (U = 0 max limit)	Calculated		**9.91**	**10.7 J**	**13.8 J**	**4.59 J**	**8.07 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**10.6**	**11.8 J**	**14.4 J**	**5.20 J**	**8.48 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		**0.0000413**	**0.0000876**	**0.000185**	**0.00012**	**0.000134**
PCB-002	E1668C		0.00000448 U	0.0000044 U	0.0000069 U	0.00000789 U	0.00000462 U
PCB-003	E1668C		0.00000514 U	**0.0000182 J**	0.0000079 U	0.00000903 U	**0.0000109**
PCB-004	E1668C		**0.00252**	**0.00606**	**0.0115 J**	**0.00558 J**	**0.00723 J**
PCB-005	E1668C		0.00000488 U	**0.00000964**	**0.0000107**	**0.00000574**	**0.000011**
PCB-006	E1668C		**0.000193**	**0.000589**	**0.00102**	**0.000398**	**0.000697**
PCB-007	E1668C		**0.0000143**	**0.0000708**	**0.0000764**	**0.0000307**	**0.0000549**
PCB-008	E1668C		**0.000299**	**0.000933**	**0.00147**	**0.000604**	**0.00107**
PCB-009	E1668C		**0.0000269**	**0.0000896**	**0.000161**	**0.0000647**	**0.000107**
PCB-010	E1668C		**0.000162**	**0.000391**	**0.00075**	**0.000406**	**0.000498**
PCB-011	E1668C		0.00000565 U	0.0000125 U	0.00000737 U	0.00000499 U	0.00000304 U
PCB-012/013	E1668C		**0.0000272 J**	**0.0000916**	**0.00017**	**0.0000654**	**0.000113**
PCB-014	E1668C		0.00000464 U	0.00000288 U	0.00000801 U	0.00000542 U	0.0000033 U
PCB-015	E1668C		**0.0000806**	**0.000419**	**0.000615**	**0.000193**	**0.000344**
PCB-016	E1668C		**0.000311**	**0.00128**	**0.00133**	**0.000697**	**0.00114**
PCB-017	E1668C		**0.00408**	**0.0134 J**	**0.0155 J**	**0.00843 J**	**0.0144 J**
PCB-018/030	E1668C		**0.002**	**0.00728**	**0.00595**	**0.00237**	**0.00446**
PCB-019	E1668C		**0.00552**	**0.0154 J**	**0.0226 J**	**0.0131 J**	**0.0188 J**
PCB-020/028	E1668C		**0.00991**	**0.0298 J**	**0.0412 J**	**0.0144 J**	**0.0223 J**
PCB-021/033	E1668C		**0.00216**	**0.00734**	**0.0117 J**	**0.00476**	**0.00676**
PCB-022	E1668C		**0.000642**	**0.00223**	**0.0027**	**0.00106**	**0.00161**
PCB-023	E1668C		0.000014 U	0.0000166 U	0.0000309 U	0.0000231 U	0.0000149 U
PCB-024	E1668C		0.00000486 U	0.00000568 U	**0.0000527**	**0.0000285**	**0.000036**
PCB-025	E1668C		**0.00207**	**0.0075 J**	**0.0105 J**	**0.00394**	**0.00574 J**
PCB-026/029	E1668C		**0.00429**	**0.0135**	**0.015 J**	**0.00524**	**0.00727**
PCB-027	E1668C		**0.00224**	**0.00723 J**	**0.00893 J**	**0.0046 J**	**0.0077 J**
PCB-031	E1668C		**0.0028**	**0.00987 J**	**0.0134 J**	**0.00481 J**	**0.00698 J**
PCB-032	E1668C		**0.00734**	**0.0243 J**	**0.0303 J**	**0.0156 J**	**0.0297 J**
PCB-034	E1668C		**0.000162**	**0.000475**	**0.000524**	**0.000216**	**0.000297**
PCB-035	E1668C		0.0000133 U	0.0000158 U	0.0000296 U	0.0000221 U	0.0000143 U
PCB-036	E1668C		0.0000118 U	0.000014 U	0.0000259 U	0.0000193 U	0.0000125 U
PCB-037	E1668C		**0.00015**	**0.000595**	**0.000738**	**0.000313**	**0.000413**
PCB-038	E1668C		**0.0000857**	**0.00017**	**0.000385**	**0.000146**	**0.000196**
PCB-039	E1668C		0.0000128 U	0.0000151 U	**0.0000554 J**	**0.0000464**	0.0000141 U
PCB-040/071	E1668C		**0.0237 J**	**0.0697 J**	**0.0966 J**	**0.0327 J**	**0.0584 J**
PCB-041	E1668C		0.00000752 U	0.0000101 U	0.000027 U	0.0000161 U	0.00000641 U
PCB-042	E1668C		**0.0113 J**	**0.0299 J**	**0.0472 J**	**0.0148 J**	**0.0271 J**
PCB-043	E1668C		**0.000509**	**0.00155**	**0.00137**	**0.000488**	**0.000895**
PCB-044/047/065	E1668C		**0.356 J**	**0.578 J**	**1.16 J**	**0.389 J**	**0.571 J**
PCB-045	E1668C		**0.00492**	**0.0241 J**	0.000025 U	0.0000149 U	0.00000593 U
PCB-046	E1668C		**0.00222**	**0.00966 J**	**0.0152 J**	**0.00573 J**	**0.00952 J**
PCB-048	E1668C		**0.000491**	**0.00137**	**0.00189**	**0.000556**	**0.000938**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-07-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-03-ADLT-250102 2025-01-02 N TA
PCB-049/069	E1668C		**0.153 J**	**0.354 J**	**0.585 J**	**0.18 J**	**0.31 J**
PCB-050/053	E1668C		**0.0399 J**	**0.135 J**	**0.184 J**	**0.0676 J**	**0.114 J**
PCB-051	E1668C		**0.0563 J**	**0.182 J**	**0.326 J**	**0.122 J**	**0.208 J**
PCB-052	E1668C		**0.064 J**	**0.166 J**	**0.137 J**	**0.0248 J**	**0.042 J**
PCB-054	E1668C		**0.0049**	**0.0171 J**	**0.0197 J**	**0.00991 J**	**0.0156 J**
PCB-055	E1668C		0.0000341 U	0.0000392 U	0.000115 U	0.0000459 U	0.0000444 U
PCB-056	E1668C		**0.00118**	**0.00302**	**0.00457 J**	**0.00152**	**0.00243**
PCB-057	E1668C		**0.000689**	**0.00159**	**0.00156**	**0.000461**	**0.000777**
PCB-058	E1668C		**0.000636**	**0.00123**	**0.00154**	**0.000336**	**0.000584**
PCB-059/062/075	E1668C		**0.00676**	**0.0142**	**0.0259 J**	**0.00794**	**0.0139 J**
PCB-060	E1668C		**0.000353**	**0.000617**	**0.00129**	**0.00036**	**0.000554**
PCB-061/070/074/076	E1668C		**0.016**	**0.0368 J**	**0.0658 J**	**0.019 J**	**0.0309 J**
PCB-063	E1668C		**0.00368**	**0.00742 J**	**0.0121 J**	**0.00327**	**0.00604 J**
PCB-064	E1668C		**0.00387**	**0.00978 J**	**0.017 J**	**0.00526 J**	**0.00906 J**
PCB-066	E1668C		**0.0361 J**	**0.0669 J**	**0.104 J**	**0.0301 J**	**0.0528 J**
PCB-067	E1668C		**0.00204**	**0.00284**	**0.00495 J**	**0.00171**	**0.00271**
PCB-068	E1668C		**0.00934 J**	**0.0173 J**	**0.0281 J**	**0.00733 J**	**0.0135 J**
PCB-072	E1668C		**0.00479**	**0.00941 J**	**0.0145 J**	**0.00383**	**0.00627 J**
PCB-073	E1668C		**0.00388**	**0.0095 J**	**0.0157 J**	**0.00532 J**	**0.00846 J**
PCB-077	E1668C		**0.000629**	**0.0019**	**0.00185**	**0.0006**	**0.000909**
PCB-078	E1668C		**0.0002**	**0.000338**	0.00012 U	0.0000482 U	0.0000466 U
PCB-079	E1668C		**0.0012**	**0.00197**	**0.00408 J**	**0.00118**	**0.00174**
PCB-080	E1668C		**0.00343**	**0.00574**	0.000119 U	0.0000477 U	0.0000461 U
PCB-081	E1668C		0.0000375 U	0.000043 U	0.000127 U	0.0000509 U	0.0000492 U
PCB-082	E1668C		**0.00529**	**0.00818 J**	**0.0137 J**	**0.00525 J**	**0.0075 J**
PCB-083	E1668C		**0.00873 J**	**0.0359 J**	**0.0155 J**	**0.00837 J**	**0.0161 J**
PCB-084	E1668C		**0.0116 J**	**0.0285 J**	**0.0444 J**	**0.019 J**	**0.026 J**
PCB-085/116	E1668C		**0.0222 J**	**0.028 J**	**0.0437 J**	**0.0162 J**	**0.0214 J**
PCB-086/087/097/109/119/125	E1668C		**0.119 J**	**0.177 J**	**0.258 J**	**0.094 J**	**0.135 J**
PCB-088	E1668C		0.000209 U	0.00035 U	0.0000197 U	0.0000245 U	0.00000547 U
PCB-089	E1668C		0.000187 U	**0.000515**	**0.000937**	**0.000394**	**0.000554**
PCB-090/101/113	E1668C		**0.458 J**	**0.598 J**	**0.919 J**	**0.311 J**	**0.43 J**
PCB-091	E1668C		**0.108 J**	**0.182 J**	**0.256 J**	**0.103 J**	**0.152 J**
PCB-092	E1668C		**0.13 J**	**0.208 J**	**0.223 J**	**0.067 J**	**0.0997 J**
PCB-093/100	E1668C		**0.0999 J**	**0.141 J**	**0.171 J**	**0.0722 J**	**0.103 J**
PCB-094	E1668C		**0.00906 J**	**0.0318 J**	**0.0345 J**	**0.0153 J**	**0.0236 J**
PCB-095	E1668C		**0.116 J**	**0.251 J**	**0.304 J**	**0.112 J**	**0.147 J**
PCB-096	E1668C		**0.00324**	**0.00961 J**	**0.0155 J**	**0.00596 J**	**0.0103 J**
PCB-098	E1668C		**0.00156**	**0.00299**	0.0000181 U	**0.00196**	**0.00205**
PCB-099	E1668C		**0.226 J**	**0.297 J**	**0.372 J**	**0.134 J**	**0.189 J**
PCB-102	E1668C		**0.0106 J**	**0.0284 J**	**0.0341 J**	**0.0128 J**	**0.0198 J**
PCB-103	E1668C		**0.037 J**	**0.059 J**	**0.0652 J**	**0.0263 J**	**0.0399 J**
PCB-104	E1668C		**0.00169**	**0.00538**	**0.00661 J**	**0.00277**	**0.0043 J**
PCB-105	E1668C		**0.0358 J**	**0.0471 J**	**0.0595 J**	**0.02 J**	**0.0292 J**
PCB-106	E1668C		0.000131 U	0.00022 U	0.0000127 U	0.0000158 U	0.00000353 U
PCB-107	E1668C		**0.0219 J**	**0.0303 J**	**0.0348 J**	**0.0119 J**	**0.0181 J**
PCB-108/124	E1668C		**0.00488**	**0.00814**	**0.00873 J**	**0.00334**	**0.00444**
PCB-110	E1668C		**0.146 J**	**0.244 J**	**0.371 J**	**0.14 J**	**0.189 J**
PCB-111	E1668C		**0.00299**	**0.00422**	**0.00476 J**	**0.00166**	**0.00247**
PCB-112	E1668C		**0.000821**	**0.00113**	**0.00136**	**0.000469**	**0.000662**
PCB-114	E1668C		**0.00347**	**0.00392**	**0.00545 J**	**0.00194**	**0.00296**
PCB-115	E1668C		0.000131 U	0.00022 U	0.0000123 U	0.0000154 U	0.00000343 U
PCB-117	E1668C		**0.0197 J**	**0.032 J**	**0.042 J**	**0.0147 J**	**0.0233 J**
PCB-118	E1668C		**0.16 J**	**0.194 J**	**0.248 J**	**0.0856 J**	**0.129 J**
PCB-120	E1668C		**0.00667**	**0.00862 J**	**0.0101 J**	**0.00347**	**0.00513 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-07-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-03-ADLT-250102 2025-01-02 N TA
PCB-121	E1668C		**0.00203**	**0.0025**	**0.00465 J**	**0.00159**	**0.00216**
PCB-122	E1668C		**0.00129**	**0.00155**	**0.00244**	**0.000915**	**0.00132**
PCB-123	E1668C		**0.00376**	**0.00433**	**0.00524 J**	**0.00202**	**0.00289**
PCB-126	E1668C		**0.000746**	**0.0017**	**0.0015**	**0.00046**	**0.000632**
PCB-127	E1668C		0.000138 U	0.000288 U	0.0000129 U	0.0000151 U	**0.000641**
PCB-128/166	E1668C		**0.0828 J**	**0.0849 J**	**0.15 J**	**0.0559 J**	**0.0694 J**
PCB-129/138/163	E1668C		**0.787 J**	**0.786 J**	**0.649 J**	**0.507 J**	**0.461 J**
PCB-130	E1668C		**0.0397 J**	**0.0442 J**	**0.0417 J**	**0.0249 J**	**0.0295 J**
PCB-131	E1668C		**0.0025**	**0.00304**	**0.00308**	**0.00218**	0.00000111 U
PCB-132	E1668C		**0.0757 J**	**0.102 J**	**0.144 J**	**0.0939 J**	**0.111 J**
PCB-133	E1668C		**0.0231 J**	**0.0262 J**	**0.0227 J**	**0.0135 J**	**0.0161 J**
PCB-134	E1668C		**0.0194 J**	**0.0242 J**	**0.028 J**	**0.0187 J**	**0.0225 J**
PCB-135/151	E1668C		**0.264 J**	**0.327 J**	**0.299 J**	**0.208 J**	**0.238 J**
PCB-136	E1668C		**0.0363 J**	**0.0706 J**	**0.147 J**	**0.0578 J**	**0.0807 J**
PCB-137	E1668C		**0.0167 J**	**0.0164 J**	**0.0133 J**	**0.00868 J**	**0.00954 J**
PCB-139/140	E1668C		**0.0103**	**0.00956**	**0.00915 J**	**0.00608**	**0.00729**
PCB-141	E1668C		**0.156 J**	**0.166 J**	**0.146 J**	**0.0824 J**	**0.0912 J**
PCB-142	E1668C		0.0000145 U	0.0000124 U	0.0000118 U	0.0000187 U	0.00000115 U
PCB-143	E1668C		0.0000135 U	0.0000115 U	0.0000105 U	0.0000167 U	0.00000103 U
PCB-144	E1668C		**0.0316 J**	**0.0344 J**	**0.0314 J**	**0.0199 J**	**0.0221 J**
PCB-145	E1668C		**0.0000642**	**0.000156**	**0.00029**	**0.000126**	**0.000116**
PCB-146	E1668C		**0.188 J**	**0.201 J**	**0.182 J**	**0.111 J**	**0.124 J**
PCB-147/149	E1668C		**0.513 J**	**0.553 J**	**0.57 J**	**0.448 J**	**0.415 J**
PCB-148	E1668C		**0.00698**	**0.00727 J**	**0.00754 J**	**0.00469 J**	**0.0055 J**
PCB-150	E1668C		**0.00705**	**0.00856 J**	**0.0147 J**	**0.00539 J**	**0.0086 J**
PCB-152	E1668C		**0.0027**	**0.0053**	**0.00677 J**	**0.00292**	**0.00444 J**
PCB-153/168	E1668C		**0.601 J**	**0.595 J**	**0.605 J**	**0.6 J**	**0.433 J**
PCB-154	E1668C		**0.0384 J**	**0.0372 J**	**0.0314 J**	**0.0207 J**	**0.0253 J**
PCB-155	E1668C		**0.00133**	**0.00136**	**0.00187**	**0.000662**	**0.000966**
PCB-156/157	E1668C		**0.0539 J**	**0.0632 J**	**0.0811 J**	**0.0224 J**	**0.0364 J**
PCB-158	E1668C		**0.0544 J**	**0.054 J**	**0.0566 J**	**0.0344 J**	**0.038 J**
PCB-159	E1668C		**0.0092 J**	**0.0105 J**	**0.023 J**	**0.00822 J**	**0.0107 J**
PCB-160	E1668C		0.0000076 U	0.0000065 U	0.00000839 U	0.0000133 U	0.000000819 U
PCB-161	E1668C		0.00000927 U	0.00000793 U	0.00000706 U	0.0000112 U	0.00000069 U
PCB-162	E1668C		**0.0054**	**0.00641**	**0.00715 J**	**0.00257**	**0.00336**
PCB-164	E1668C		**0.0332 J**	**0.0377 J**	**0.042 J**	**0.0256 J**	**0.0284 J**
PCB-165	E1668C		**0.00374**	**0.00443**	**0.0031**	**0.00173**	**0.0021**
PCB-167	E1668C		**0.0395 J**	**0.0425 J**	**0.0544 J**	**0.0188 J**	**0.0254 J**
PCB-169	E1668C		**0.00267**	**0.00278**	**0.00902 J**	**0.00237**	**0.00376**
PCB-170	E1668C		**0.351 J**	**0.318 J**	**0.543 J**	**0.162 J**	**0.254 J**
PCB-171/173	E1668C		**0.0927 J**	**0.0726 J**	**0.0968 J**	**0.041 J**	**0.0555 J**
PCB-172	E1668C		**0.0639 J**	**0.0614 J**	**0.0676 J**	**0.028 J**	**0.0364 J**
PCB-174	E1668C		**0.182 J**	**0.186 J**	**0.282 J**	**0.112 J**	**0.151 J**
PCB-175	E1668C		**0.0148 J**	**0.0139 J**	**0.0164 J**	**0.00695 J**	**0.0084 J**
PCB-176	E1668C		**0.0247 J**	**0.0319 J**	**0.0688 J**	**0.0206 J**	**0.0349 J**
PCB-177	E1668C		**0.133 J**	**0.129 J**	**0.203 J**	**0.0837 J**	**0.115 J**
PCB-178	E1668C		**0.0949 J**	**0.114 J**	**0.177 J**	**0.0481 J**	**0.0818 J**
PCB-179	E1668C		**0.0483 J**	**0.0804 J**	**0.19 J**	**0.0597 J**	**0.101 J**
PCB-180/193	E1668C		**0.669 J**	**0.616 J**	**0.781 J**	**0.368 J**	**0.418 J**
PCB-181	E1668C		**0.00196**	**0.00163**	**0.00194**	**0.000873**	**0.00111**
PCB-182	E1668C		**0.00357**	**0.00282**	**0.00272**	**0.00117**	**0.0017**
PCB-183	E1668C		**0.214 J**	**0.193 J**	**0.23 J**	**0.0949 J**	**0.123 J**
PCB-184	E1668C		**0.000409**	**0.000371**	**0.000554**	**0.000141**	**0.000261**
PCB-185	E1668C		**0.039 J**	**0.0363 J**	**0.0401 J**	**0.0188 J**	**0.0228 J**
PCB-186	E1668C		0.0000070 U	**0.00003 J**	0.0000108 U	**0.0000249**	**0.0000375**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01LB-07-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-03-ADLT-250102 2025-01-02 N TA
PCB-187	E1668C		**0.503 J**	**0.439 J**	**0.542 J**	**0.251 J**	**0.312 J**
PCB-188	E1668C		**0.00251**	**0.00245**	**0.0034**	**0.000955**	**0.0017**
PCB-189	E1668C		**0.0112 J**	**0.0137 J**	**0.0208 J**	**0.00693 J**	**0.00948 J**
PCB-190	E1668C		**0.0803 J**	**0.074 J**	**0.116 J**	**0.0355 J**	**0.0559 J**
PCB-191	E1668C		**0.0132 J**	**0.0107 J**	**0.0141 J**	**0.0058 J**	**0.00745 J**
PCB-192	E1668C		0.0000536 U	0.0000571 U	0.0000596 U	0.0000387 U	0.0000336 U
PCB-194	E1668C		**0.128 J**	**0.122 J**	**0.206 J**	**0.0699 J**	**0.11 J**
PCB-195	E1668C		**0.0629 J**	**0.0463 J**	**0.098 J**	**0.0323 J**	**0.0532 J**
PCB-196	E1668C		**0.0809 J**	**0.0637 J**	**0.125 J**	**0.042 J**	**0.0561 J**
PCB-197	E1668C		**0.00711**	**0.00514**	**0.00973 J**	**0.00343**	**0.00442 J**
PCB-198/199	E1668C		**0.155 J**	**0.13 J**	**0.245 J**	**0.0827 J**	**0.112 J**
PCB-200	E1668C		**0.00634**	**0.00683**	**0.0259 J**	**0.00966 J**	**0.0131 J**
PCB-201	E1668C		**0.0205 J**	**0.0164 J**	**0.0335 J**	**0.0116 J**	**0.015 J**
PCB-202	E1668C		**0.0228 J**	**0.0193 J**	**0.0409 J**	**0.0143 J**	**0.0189 J**
PCB-203	E1668C		**0.101 J**	**0.0926 J**	**0.152 J**	**0.0522 J**	**0.0707 J**
PCB-204	E1668C		**0.0000567**	**0.0000386 J**	**0.0000731**	**0.0000169**	**0.0000385**
PCB-205	E1668C		**0.00846 J**	**0.00761 J**	**0.0126 J**	**0.00423 J**	**0.00668 J**
PCB-206	E1668C		**0.0212 J**	**0.015 J**	**0.0355 J**	**0.0106 J**	**0.019 J**
PCB-207	E1668C		**0.0029**	**0.00197**	**0.00524 J**	**0.00164**	**0.00269**
PCB-208	E1668C		**0.00263**	**0.00232**	**0.00716 J**	**0.00224**	**0.00375**
PCB-209	E1668C		**0.000742**	**0.00043**	**0.00129**	**0.000504**	**0.000775**
Total PCB Congener (U = 0 max limit)	Calculated		**8.9 J**	**11 J**	**14 J**	**6.4 J**	**8.1 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**8.9 J**	**11 J**	**14 J**	**6.4 J**	**8.1 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-06-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-07-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-08-ADLT-250102 2025-01-02 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**2.2 J**	**1.4 J**	**1.0 J**	**1.7 J**	**2.7 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		1.25 U	0.747 U	0.75 U	0.751 U	1.25 U
Aroclor 1221	SW8082A		1.25 U	0.747 U	0.75 U	0.751 U	1.25 U
Aroclor 1232	SW8082A		1.25 U	0.747 U	0.75 U	0.751 U	1.25 U
Aroclor 1242	SW8082A		1.25 U	0.747 U	0.75 U	0.751 U	1.25 U
Aroclor 1248	SW8082A		**0.587 J**	**0.346 J**	**0.301 J**	**0.477 J**	**0.751 J**
Aroclor 1254	SW8082A		1.25 U	0.747 U	0.75 U	0.751 U	1.25 U
Aroclor 1260	SW8082A		**14.8**	**10.7**	**5.9**	**11.6**	**14.8**
Total PCB Aroclors (U = 0 max limit)	Calculated		**15.4 J**	**11.0 J**	**6.2 J**	**12.1 J**	**15.6 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**16.4 J**	**11.7 J**	**6.8 J**	**12.7 J**	**16.6 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		**0.00023**	**0.00016**	**0.0000618**	**0.000193**	**0.000279**
PCB-002	E1668C		0.00000621 U	0.00000471 U	0.00000602 U	0.00000443 U	0.00000411 U
PCB-003	E1668C		0.00000711 U	0.00000539 UJ	0.00000679 U	**0.000024 J**	**0.0000194**
PCB-004	E1668C		**0.0115 J**	**0.0089 J**	**0.00367**	**0.01 J**	**0.0152 J**
PCB-005	E1668C		**0.0000128**	**0.00000631**	**0.00000749**	**0.0000132**	**0.0000176**
PCB-006	E1668C		**0.000733**	**0.00047**	**0.000459**	**0.000848**	**0.00139**
PCB-007	E1668C		**0.0000426 J**	**0.0000206 J**	**0.0000292**	**0.0000672**	**0.0000817**
PCB-008	E1668C		**0.00113**	**0.000694**	**0.000674**	**0.00135**	**0.00205**
PCB-009	E1668C		**0.000127**	**0.0000849**	**0.0000643**	**0.000134**	**0.000197**
PCB-010	E1668C		**0.000813**	**0.000573**	**0.000265**	**0.000699**	**0.00102**
PCB-011	E1668C		**0.0000107**	**0.0000102**	0.00000538 U	**0.000014**	**0.0000111**
PCB-012/013	E1668C		**0.000144**	**0.000103**	**0.0000973**	**0.000164**	**0.000253**
PCB-014	E1668C		0.00000508 U	0.00000406 U	0.00000595 U	0.00000551 U	0.0000054 U
PCB-015	E1668C		**0.000397**	**0.000523**	**0.000145**	**0.000844**	**0.000704**
PCB-016	E1668C		**0.000989**	**0.000745**	**0.00062**	**0.00113**	**0.0016**
PCB-017	E1668C		**0.0144 J**	**0.00992 J**	**0.0085 J**	**0.0167 J**	**0.0246 J**
PCB-018/030	E1668C		**0.00439**	**0.00268**	**0.00309**	**0.00511**	**0.00878 J**
PCB-019	E1668C		**0.0247 J**	**0.0194 J**	**0.01 J**	**0.0238 J**	**0.0347 J**
PCB-020/028	E1668C		**0.0261 J**	**0.0261 J**	**0.0206 J**	**0.0277 J**	**0.0534 J**
PCB-021/033	E1668C		**0.0102 J**	**0.00742**	**0.00672**	**0.00863 J**	**0.0174 J**
PCB-022	E1668C		**0.00177**	**0.00176**	**0.00136**	**0.00216**	**0.00353**
PCB-023	E1668C		0.0000232 U	0.000017 U	0.0000169 U	0.0000192 U	0.0000317 U
PCB-024	E1668C		**0.0000394**	**0.0000298**	0.00000552 U	**0.0000495**	**0.0000645**
PCB-025	E1668C		**0.00757 J**	**0.00591 J**	**0.00544 J**	**0.00789 J**	**0.015 J**
PCB-026/029	E1668C		**0.00919 J**	**0.0085 J**	**0.00733**	**0.0102 J**	**0.0187 J**
PCB-027	E1668C		**0.00799 J**	**0.00539 J**	**0.00492 J**	**0.00956 J**	**0.013 J**
PCB-031	E1668C		**0.00748 J**	**0.00808 J**	**0.00641 J**	**0.0111 J**	**0.0165 J**
PCB-032	E1668C		**0.0239 J**	**0.0156 J**	**0.0173 J**	**0.027 J**	**0.048 J**
PCB-034	E1668C		**0.000344**	**0.000388**	**0.000305**	**0.000332**	**0.000649**
PCB-035	E1668C		0.0000222 U	0.0000163 U	0.0000164 U	0.0000184 U	0.0000306 U
PCB-036	E1668C		0.0000194 U	0.0000143 U	0.0000141 U	0.0000161 U	0.0000264 U
PCB-037	E1668C		**0.000614**	**0.000514**	**0.000288**	**0.000801**	**0.000921**
PCB-038	E1668C		**0.000314**	**0.000267**	**0.000217**	**0.000313**	**0.000499**
PCB-039	E1668C		**0.00011**	0.0000161 U	**0.0000639**	**0.0000721**	0.0000293 U
PCB-040/071	E1668C		**0.0584 J**	**0.0336 J**	**0.0591 J**	**0.0744 J**	**0.106 J**
PCB-041	E1668C		0.0000153 U	0.0000141 U	0.0000254 U	0.0000133 U	0.0000136 U
PCB-042	E1668C		**0.0299 J**	**0.024 J**	**0.0288 J**	**0.0326 J**	**0.0519 J**
PCB-043	E1668C		**0.00105**	**0.000449**	**0.000896**	**0.00101**	**0.00193**
PCB-044/047/065	E1668C		**0.838 J**	**0.622 J**	**0.685 J**	**0.848 J**	**0.973 J**
PCB-045	E1668C		0.0000141 U	0.000013 U	0.0000213 U	0.0000123 U	0.0000114 U
PCB-046	E1668C		**0.00958 J**	**0.00587 J**	**0.00996 J**	**0.00929 J**	**0.0172 J**
PCB-048	E1668C		**0.00128**	**0.000933**	**0.00112**	**0.00155**	**0.00194**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-06-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-07-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-08-ADLT-250102 2025-01-02 N TA
PCB-049/069	E1668C		**0.4 J**	**0.319 J**	**0.338 J**	**0.441 J**	**0.619 J**
PCB-050/053	E1668C		**0.134 J**	**0.0767 J**	**0.116 J**	**0.133 J**	**0.235 J**
PCB-051	E1668C		**0.263 J**	**0.157 J**	**0.215 J**	**0.24 J**	**0.404 J**
PCB-052	E1668C		**0.0705 J**	**0.028 J**	**0.0571 J**	**0.0781 J**	**0.137 J**
PCB-054	E1668C		**0.0253 J**	**0.0117 J**	**0.0113 J**	**0.0152 J**	**0.0286 J**
PCB-055	E1668C		0.0000836 U	0.0000832 U	0.0000843 U	0.0000884 U	0.000112 U
PCB-056	E1668C		**0.00312**	**0.00327**	**0.003**	**0.00434 J**	**0.00509 J**
PCB-057	E1668C		**0.00104**	**0.000877**	**0.00101**	**0.00137**	**0.00192**
PCB-058	E1668C		**0.00155**	**0.001 J**	**0.00148**	**0.00104**	**0.00187**
PCB-059/062/075	E1668C		**0.018 J**	**0.0134 J**	**0.0146 J**	**0.0204 J**	**0.0274 J**
PCB-060	E1668C		**0.000895**	**0.00074**	**0.000555**	**0.00145**	**0.00115**
PCB-061/070/074/076	E1668C		**0.0422 J**	**0.0431 J**	**0.0373 J**	**0.0557 J**	**0.069 J**
PCB-063	E1668C		**0.00718 J**	**0.00643 J**	**0.00685 J**	**0.00858 J**	**0.0121 J**
PCB-064	E1668C		**0.0114 J**	**0.0101 J**	**0.0101 J**	**0.0136 J**	**0.018 J**
PCB-066	E1668C		**0.0649 J**	**0.0645 J**	**0.0561 J**	**0.0771 J**	**0.101 J**
PCB-067	E1668C		**0.00387**	**0.00305**	**0.00335**	**0.00447 J**	**0.00564 J**
PCB-068	E1668C		**0.0168 J**	**0.0144 J**	**0.0147 J**	**0.022 J**	**0.0263 J**
PCB-072	E1668C		**0.00775 J**	**0.00677 J**	**0.00732 J**	**0.00898 J**	**0.0119 J**
PCB-073	E1668C		**0.0116 J**	**0.00722 J**	**0.00913 J**	**0.0122 J**	**0.0175 J**
PCB-077	E1668C		**0.00133**	**0.00109**	**0.000635**	**0.00166**	**0.00198**
PCB-078	E1668C		0.0000877 U	0.0000873 U	0.0000913 U	0.0000927 U	0.000122 U
PCB-079	E1668C		**0.00287**	**0.0027**	**0.00253**	**0.00326**	**0.00354**
PCB-080	E1668C		0.0000867 U	0.0000863 U	0.0000863 U	0.0000917 U	0.000115 U
PCB-081	E1668C		0.0000927 U	0.0000923 U	0.0000927 U	0.000098 U	0.000124 U
PCB-082	E1668C		**0.0132 J**	**0.00952 J**	**0.006 J**	**0.0106 J**	**0.0143 J**
PCB-083	E1668C		**0.012 J**	**0.0251 J**	**0.00992 J**	**0.0159 J**	**0.018 J**
PCB-084	E1668C		**0.0422 J**	**0.0285 J**	**0.0229 J**	**0.0333 J**	**0.0525 J**
PCB-085/116	E1668C		**0.0398 J**	**0.034 J**	**0.0171 J**	**0.0347 J**	**0.0445 J**
PCB-086/087/097/109/119/125	E1668C		**0.231 J**	**0.206 J**	**0.112 J**	**0.208 J**	**0.275 J**
PCB-088	E1668C		0.0000229 U	0.0000334 U	0.000551 U	0.0000168 U	0.0000301 U
PCB-089	E1668C		**0.000811**	**0.000642**	0.000477 U	**0.000734**	**0.001**
PCB-090/101/113	E1668C		**0.798 J**	**0.658 J**	**0.375 J**	**0.7 J**	**0.858 J**
PCB-091	E1668C		**0.232 J**	**0.202 J**	**0.13 J**	**0.193 J**	**0.302 J**
PCB-092	E1668C		**0.181 J**	**0.115 J**	**0.0898 J**	**0.161 J**	**0.232 J**
PCB-093/100	E1668C		**0.172 J**	**0.12 J**	**0.0859 J**	**0.15 J**	**0.215 J**
PCB-094	E1668C		**0.0315 J**	**0.0193 J**	**0.0189 J**	**0.0234 J**	**0.0446 J**
PCB-095	E1668C		**0.267 J**	**0.183 J**	**0.133 J**	**0.22 J**	**0.34 J**
PCB-096	E1668C		**0.012 J**	**0.00959 J**	**0.00801 J**	**0.0101 J**	**0.0199 J**
PCB-098	E1668C		**0.00591 J**	**0.00306**	**0.00224**	**0.00465 J**	**0.00528 J**
PCB-099	E1668C		**0.325 J**	**0.297 J**	**0.17 J**	**0.29 J**	**0.41 J**
PCB-102	E1668C		**0.0255 J**	**0.0197 J**	**0.0168 J**	**0.0201 J**	**0.038 J**
PCB-103	E1668C		**0.0623 J**	**0.0454 J**	**0.0326 J**	**0.0532 J**	**0.0787 J**
PCB-104	E1668C		**0.00732 J**	**0.00382**	**0.00272**	**0.00481 J**	**0.00827 J**
PCB-105	E1668C		**0.0462 J**	**0.0532 J**	**0.0234 J**	**0.0475 J**	**0.0614 J**
PCB-106	E1668C		0.0000148 U	0.0000216 U	0.000322 U	0.0000109 U	0.0000176 U
PCB-107	E1668C		**0.0288 J**	**0.0313 J**	**0.0157 J**	**0.0267 J**	**0.0354 J**
PCB-108/124	E1668C		**0.00787 J**	**0.00867 J**	**0.00405**	**0.00797**	**0.0103 J**
PCB-110	E1668C		**0.338 J**	**0.307 J**	**0.172 J**	**0.309 J**	**0.419 J**
PCB-111	E1668C		**0.00382**	**0.00389 J**	**0.00201**	**0.00351**	**0.00458 J**
PCB-112	E1668C		**0.00117**	**0.00107**	**0.000712**	**0.00109**	**0.00112**
PCB-114	E1668C		**0.00422 J**	**0.00501 J**	**0.00258**	**0.00457 J**	**0.00542 J**
PCB-115	E1668C		0.0000144 U	0.000021 U	0.000298 U	0.0000106 U	0.0000162 U
PCB-117	E1668C		**0.0359 J**	**0.0292 J**	**0.0185 J**	**0.0329 J**	**0.0453 J**
PCB-118	E1668C		**0.196 J**	**0.254 J**	**0.101 J**	**0.2 J**	**0.232 J**
PCB-120	E1668C		**0.00845 J**	**0.00928 J**	**0.00467 J**	**0.00778 J**	**0.00967 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-06-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-07-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-08-ADLT-250102 2025-01-02 N TA
PCB-121	E1668C		**0.00407 J**	**0.00323**	**0.0019**	**0.00363**	**0.00439 J**
PCB-122	E1668C		**0.00195**	**0.00214**	**0.0012**	**0.00225**	**0.00272**
PCB-123	E1668C		**0.00486 J**	**0.00479 J**	**0.00219**	**0.00439 J**	**0.00567 J**
PCB-126	E1668C		**0.000821**	**0.00114**	**0.000568**	**0.00107 J**	**0.00121**
PCB-127	E1668C		0.0000115 U	**0.00119 J**	**0.000523**	0.0000113 U	**0.0014**
PCB-128/166	E1668C		**0.134 J**	**0.126 J**	**0.0774 J**	**0.124 J**	**0.148 J**
PCB-129/138/163	E1668C		**0.646 J**	**0.533 J**	**0.476 J**	**0.529 J**	**0.571 J**
PCB-130	E1668C		**0.0365 J**	**0.0376 J**	**0.0231 J**	**0.0336 J**	**0.0385 J**
PCB-131	E1668C		**0.00311**	**0.00239**	**0.00184**	**0.00291**	0.0000079 U
PCB-132	E1668C		**0.135 J**	**0.128 J**	**0.088 J**	**0.124 J**	**0.148 J**
PCB-133	E1668C		**0.0195 J**	**0.0189 J**	**0.0126 J**	**0.0194 J**	**0.0213 J**
PCB-134	E1668C		**0.0264 J**	**0.0209 J**	**0.0197 J**	**0.0226 J**	**0.0331 J**
PCB-135/151	E1668C		**0.297 J**	**0.255 J**	**0.199 J**	**0.261 J**	**0.349 J**
PCB-136	E1668C		**0.138 J**	**0.12 J**	**0.0731 J**	**0.109 J**	**0.163 J**
PCB-137	E1668C		**0.0129 J**	**0.0118 J**	**0.00724 J**	**0.0131 J**	**0.0148 J**
PCB-139/140	E1668C		**0.00854 J**	**0.00807 J**	**0.00553**	**0.00806 J**	**0.00916 J**
PCB-141	E1668C		**0.126 J**	**0.1 J**	**0.0736 J**	**0.129 J**	**0.139 J**
PCB-142	E1668C		0.0000131 U	0.0000107 U	0.0000137 U	0.0000147 U	0.00000834 U
PCB-143	E1668C		0.0000117 U	0.00000958 U	0.0000115 U	0.0000131 U	0.00000699 U
PCB-144	E1668C		**0.0291 J**	**0.0259 J**	**0.0175 J**	**0.028 J**	**0.031 J**
PCB-145	E1668C		**0.000187**	**0.000156**	**0.000112**	**0.000183**	**0.000227**
PCB-146	E1668C		**0.164 J**	**0.173 J**	**0.103 J**	**0.163 J**	**0.177 J**
PCB-147/149	E1668C		**0.572 J**	**0.468 J**	**0.418 J**	**0.452 J**	**0.502 J**
PCB-148	E1668C		**0.00665 J**	**0.00547 J**	**0.00412 J**	**0.00639 J**	**0.00689 J**
PCB-150	E1668C		**0.0134 J**	**0.0125 J**	**0.00721 J**	**0.0106 J**	**0.0151 J**
PCB-152	E1668C		**0.00627 J**	**0.00525 J**	**0.00388**	**0.00506 J**	**0.00803 J**
PCB-153/168	E1668C		**0.612 J**	**0.501 J**	**0.483 J**	**0.488 J**	**0.496 J**
PCB-154	E1668C		**0.0289 J**	**0.0246 J**	**0.0195 J**	**0.0305 J**	**0.0323 J**
PCB-155	E1668C		**0.00177**	**0.0015**	**0.000825**	**0.00151**	**0.00193**
PCB-156/157	E1668C		**0.0643 J**	**0.0685 J**	**0.0303 J**	**0.0614 J**	**0.0763 J**
PCB-158	E1668C		**0.0515 J**	**0.0509 J**	**0.0302 J**	**0.0532 J**	**0.0554 J**
PCB-159	E1668C		**0.02 J**	**0.0201 J**	**0.0119 J**	**0.0165 J**	**0.0236 J**
PCB-160	E1668C		0.00000934 U	0.00000763 U	0.00000927 U	0.0000105 U	0.00000565 U
PCB-161	E1668C		0.00000787 U	0.00000643 U	0.00000806 U	0.00000881 U	0.00000492 U
PCB-162	E1668C		**0.00547 J**	**0.00738 J**	**0.00321**	**0.00549 J**	**0.0063 J**
PCB-164	E1668C		**0.0362 J**	**0.0358 J**	**0.0224 J**	**0.0366 J**	**0.0392 J**
PCB-165	E1668C		**0.0028**	**0.00266**	**0.00169**	**0.0027**	**0.00273**
PCB-167	E1668C		**0.0445 J**	**0.0547 J**	**0.0234 J**	**0.0441 J**	**0.051 J**
PCB-169	E1668C		**0.00579 J**	**0.00629 J**	**0.0039**	**0.00775 J**	**0.00976 J**
PCB-170	E1668C		**0.419 J**	**0.426 J**	**0.226 J**	**0.4 J**	**0.46 J**
PCB-171/173	E1668C		**0.0765 J**	**0.0831 J**	**0.0514 J**	**0.0778 J**	**0.0975 J**
PCB-172	E1668C		**0.0509 J**	**0.0566 J**	**0.0323 J**	**0.055 J**	**0.0652 J**
PCB-174	E1668C		**0.21 J**	**0.225 J**	**0.14 J**	**0.185 J**	**0.275 J**
PCB-175	E1668C		**0.0121 J**	**0.0128 J**	**0.00776 J**	**0.0127 J**	**0.0148 J**
PCB-176	E1668C		**0.0565 J**	**0.0579 J**	**0.0336 J**	**0.0569 J**	**0.0724 J**
PCB-177	E1668C		**0.162 J**	**0.168 J**	**0.106 J**	**0.153 J**	**0.205 J**
PCB-178	E1668C		**0.137 J**	**0.137 J**	**0.0753 J**	**0.149 J**	**0.174 J**
PCB-179	E1668C		**0.159 J**	**0.152 J**	**0.098 J**	**0.158 J**	**0.217 J**
PCB-180/193	E1668C		**0.64 J**	**0.602 J**	**0.438 J**	**0.563 J**	**0.671 J**
PCB-181	E1668C		**0.00155**	**0.00157**	0.000051 U	**0.00155**	**0.00198**
PCB-182	E1668C		**0.00213**	**0.00239**	**0.00161**	**0.00229**	**0.00266**
PCB-183	E1668C		**0.176 J**	**0.196 J**	**0.115 J**	**0.182 J**	**0.224 J**
PCB-184	E1668C		**0.000402**	**0.000441**	**0.000255**	**0.000425**	**0.000528**
PCB-185	E1668C		**0.0345 J**	**0.0345 J**	**0.0215 J**	**0.0334 J**	**0.0447 J**
PCB-186	E1668C		**0.0000628**	0.00000682 U	**0.0000306 J**	0.0000121 U	**0.0000782**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-06-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-07-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-08-ADLT-250102 2025-01-02 N TA
PCB-187	E1668C		**0.477 J**	**0.471 J**	**0.343 J**	**0.435 J**	**0.533 J**
PCB-188	E1668C		**0.00269**	**0.0026**	**0.00157**	**0.00278**	**0.00343**
PCB-189	E1668C		**0.0178 J**	**0.0183 J**	**0.00807 J**	**0.0188 J**	**0.0221 J**
PCB-190	E1668C		**0.0904 J**	**0.0961 J**	**0.0476 J**	**0.0878 J**	**0.0964 J**
PCB-191	E1668C		**0.0107 J**	**0.0114 J**	**0.00661 J**	**0.0114 J**	**0.0128 J**
PCB-192	E1668C		0.0000527 U	0.0000421 U	0.0000398 U	0.0000363 U	0.0000631 U
PCB-194	E1668C		**0.2 J**	**0.193 J**	**0.0898 J**	**0.223 J**	**0.247 J**
PCB-195	E1668C		**0.0949 J**	**0.0898 J**	**0.0433 J**	**0.105 J**	**0.115 J**
PCB-196	E1668C		**0.114 J**	**0.0959 J**	**0.0592 J**	**0.116 J**	**0.131 J**
PCB-197	E1668C		**0.00881 J**	**0.00733 J**	**0.00501 J**	**0.00868 J**	**0.0102 J**
PCB-198/199	E1668C		**0.231 J**	**0.191 J**	**0.123 J**	**0.239 J**	**0.273 J**
PCB-200	E1668C		**0.0248 J**	**0.0202 J**	**0.0145 J**	**0.0242 J**	**0.0306 J**
PCB-201	E1668C		**0.03 J**	**0.0238 J**	**0.0159 J**	**0.0299 J**	**0.0335 J**
PCB-202	E1668C		**0.0374 J**	**0.0296 J**	**0.0205 J**	**0.0379 J**	**0.0448 J**
PCB-203	E1668C		**0.146 J**	**0.131 J**	**0.077 J**	**0.151 J**	**0.176 J**
PCB-204	E1668C		**0.000071**	**0.0000602**	**0.0000434**	0.00000689 U	**0.0000852**
PCB-205	E1668C		**0.0121 J**	**0.012 J**	**0.00572 J**	**0.0137 J**	**0.0151 J**
PCB-206	E1668C		**0.0304 J**	**0.0331 J**	**0.0165 J**	**0.035 J**	**0.0444 J**
PCB-207	E1668C		**0.00442 J**	**0.00474 J**	**0.00247**	**0.0053 J**	**0.00546 J**
PCB-208	E1668C		**0.00622 J**	**0.00675 J**	**0.00344**	**0.00743 J**	**0.00824 J**
PCB-209	E1668C		**0.00139**	**0.0014**	**0.000767**	**0.00154**	**0.0019**
Total PCB Congener (U = 0 max limit)	Calculated		**12 J**	**11 J**	**7.8 J**	**11 J**	**14 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**12 J**	**11 J**	**7.8 J**	**11 J**	**14 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-09-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-10-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-01-YOY-240911 2024-09-11 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.2 J**	**1.7 J**	**0.17 J**	**0.50 J**	**2.7 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.751 U	1.25 U	0.125 U	0.75 U	1.25 U
Aroclor 1221	SW8082A		0.751 U	1.25 U	0.125 U	0.75 U	1.25 U
Aroclor 1232	SW8082A		0.751 U	1.25 U	0.125 U	0.75 U	1.25 U
Aroclor 1242	SW8082A		0.751 U	1.25 U	0.125 U	0.75 U	1.25 U
Aroclor 1248	SW8082A		**0.419 J**	**0.532 J**	**0.0543 J**	0.75 U	**1.01 J**
Aroclor 1254	SW8082A		0.751 U	1.25 U	0.125 U	0.75 U	1.25 U
Aroclor 1260	SW8082A		**9.34**	**12.3**	**0.794**	**5.99**	**11.9**
Total PCB Aroclors (U = 0 max limit)	Calculated		**9.76 J**	**12.8 J**	**0.848 J**	**5.99**	**12.9 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**10.4 J**	**13.9 J**	**0.951 J**	**6.73**	**13.9 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		**0.0000948**	**0.000152**	--	--	--
PCB-002	E1668C		0.00000384 U	0.00000358 U	--	--	--
PCB-003	E1668C		0.00000433 U	**0.0000172**	--	--	--
PCB-004	E1668C		**0.00537 J**	**0.00788 J**	--	--	--
PCB-005	E1668C		**0.00000709**	**0.0000106**	--	--	--
PCB-006	E1668C		**0.0006**	**0.000752**	--	--	--
PCB-007	E1668C		**0.0000436**	**0.00005**	--	--	--
PCB-008	E1668C		**0.000909**	**0.00115**	--	--	--
PCB-009	E1668C		**0.0000852**	**0.000109**	--	--	--
PCB-010	E1668C		**0.000342**	**0.000527**	--	--	--
PCB-011	E1668C		0.00000731 U	**0.0000104**	--	--	--
PCB-012/013	E1668C		**0.000114**	**0.000157**	--	--	--
PCB-014	E1668C		0.00000406 U	0.00000352 U	--	--	--
PCB-015	E1668C		**0.000259**	**0.000673**	--	--	--
PCB-016	E1668C		**0.000834**	**0.000952**	--	--	--
PCB-017	E1668C		**0.0116 J**	**0.0132 J**	--	--	--
PCB-018/030	E1668C		**0.00362**	**0.00467**	--	--	--
PCB-019	E1668C		**0.0147 J**	**0.0182 J**	--	--	--
PCB-020/028	E1668C		**0.0274 J**	**0.0309 J**	--	--	--
PCB-021/033	E1668C		**0.00867 J**	**0.00928 J**	--	--	--
PCB-022	E1668C		**0.0019**	**0.00209**	--	--	--
PCB-023	E1668C		0.0000292 U	0.0000198 U	--	--	--
PCB-024	E1668C		**0.000029**	**0.0000398**	--	--	--
PCB-025	E1668C		**0.00688 J**	**0.00871 J**	--	--	--
PCB-026/029	E1668C		**0.00987 J**	**0.0115 J**	--	--	--
PCB-027	E1668C		**0.00654 J**	**0.00732 J**	--	--	--
PCB-031	E1668C		**0.0094 J**	**0.0115 J**	--	--	--
PCB-032	E1668C		**0.0232 J**	**0.0263 J**	--	--	--
PCB-034	E1668C		**0.000315**	**0.000369**	--	--	--
PCB-035	E1668C		0.0000282 U	0.0000191 U	--	--	--
PCB-036	E1668C		0.0000243 U	0.0000165 U	--	--	--
PCB-037	E1668C		**0.000469**	**0.000736**	--	--	--
PCB-038	E1668C		**0.000267**	**0.000308**	--	--	--
PCB-039	E1668C		0.000027 U	**0.000114**	--	--	--
PCB-040/071	E1668C		**0.0691 J**	**0.0657 J**	--	--	--
PCB-041	E1668C		0.0000135 U	0.0000125 U	--	--	--
PCB-042	E1668C		**0.0305 J**	**0.0311 J**	--	--	--
PCB-043	E1668C		**0.000804**	**0.000798**	--	--	--
PCB-044/047/065	E1668C		**0.715 J**	**0.703 J**	--	--	--
PCB-045	E1668C		0.0000113 U	0.0000105 U	--	--	--
PCB-046	E1668C		**0.00952 J**	**0.00979 J**	--	--	--
PCB-048	E1668C		**0.00106**	**0.0012**	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-09-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-10-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-01-YOY-240911 2024-09-11 N TA
PCB-049/069	E1668C		**0.368 J**	**0.388 J**	--	--	--
PCB-050/053	E1668C		**0.113 J**	**0.119 J**	--	--	--
PCB-051	E1668C		**0.236 J**	**0.229 J**	--	--	--
PCB-052	E1668C		**0.0491 J**	**0.072 J**	--	--	--
PCB-054	E1668C		**0.0161 J**	**0.0135 J**	--	--	--
PCB-055	E1668C		0.0000729 U	0.0000796 U	--	--	--
PCB-056	E1668C		**0.00332**	**0.00365**	--	--	--
PCB-057	E1668C		**0.0011**	**0.00125**	--	--	--
PCB-058	E1668C		**0.00109**	**0.000966**	--	--	--
PCB-059/062/075	E1668C		**0.0163 J**	**0.0176 J**	--	--	--
PCB-060	E1668C		**0.000768**	**0.000819**	--	--	--
PCB-061/070/074/076	E1668C		**0.0439 J**	**0.0496 J**	--	--	--
PCB-063	E1668C		**0.00788 J**	**0.0082 J**	--	--	--
PCB-064	E1668C		**0.0112 J**	**0.0115 J**	--	--	--
PCB-066	E1668C		**0.0638 J**	**0.0696 J**	--	--	--
PCB-067	E1668C		**0.00369**	**0.00354**	--	--	--
PCB-068	E1668C		**0.0172 J**	**0.0185 J**	--	--	--
PCB-072	E1668C		**0.00859 J**	**0.00773 J**	--	--	--
PCB-073	E1668C		**0.00986 J**	**0.00983 J**	--	--	--
PCB-077	E1668C		**0.0012**	**0.00144**	--	--	--
PCB-078	E1668C		0.000079 U	0.0000862 U	--	--	--
PCB-079	E1668C		**0.00253**	**0.00272**	--	--	--
PCB-080	E1668C		0.0000746 U	0.0000815 U	--	--	--
PCB-081	E1668C		0.0000801 U	0.0000875 U	--	--	--
PCB-082	E1668C		**0.00923 J**	**0.0101 J**	--	--	--
PCB-083	E1668C		**0.0101 J**	**0.0115 J**	--	--	--
PCB-084	E1668C		**0.0279 J**	**0.0311 J**	--	--	--
PCB-085/116	E1668C		**0.0272 J**	**0.0298 J**	--	--	--
PCB-086/087/097/109/119/125	E1668C		**0.164 J**	**0.196 J**	--	--	--
PCB-088	E1668C		0.000106 U	0.000115 U	--	--	--
PCB-089	E1668C		**0.000601**	**0.000705**	--	--	--
PCB-090/101/113	E1668C		**0.535 J**	**0.62 J**	--	--	--
PCB-091	E1668C		**0.17 J**	**0.193 J**	--	--	--
PCB-092	E1668C		**0.109 J**	**0.145 J**	--	--	--
PCB-093/100	E1668C		**0.122 J**	**0.134 J**	--	--	--
PCB-094	E1668C		**0.0224 J**	**0.0227 J**	--	--	--
PCB-095	E1668C		**0.154 J**	**0.199 J**	--	--	--
PCB-096	E1668C		**0.00946 J**	**0.0103 J**	--	--	--
PCB-098	E1668C		**0.00304**	**0.00323**	--	--	--
PCB-099	E1668C		**0.251 J**	**0.3 J**	--	--	--
PCB-102	E1668C		**0.0219 J**	**0.0238 J**	--	--	--
PCB-103	E1668C		**0.0429 J**	**0.0483 J**	--	--	--
PCB-104	E1668C		**0.00485 J**	**0.00389**	--	--	--
PCB-105	E1668C		**0.0368 J**	**0.0417 J**	--	--	--
PCB-106	E1668C		0.0000623 U	0.0000675 U	--	--	--
PCB-107	E1668C		**0.0224 J**	**0.0274 J**	--	--	--
PCB-108/124	E1668C		**0.006**	**0.00775**	--	--	--
PCB-110	E1668C		**0.257 J**	**0.304 J**	--	--	--
PCB-111	E1668C		**0.00304**	**0.00362**	--	--	--
PCB-112	E1668C		**0.000954**	**0.000917**	--	--	--
PCB-114	E1668C		**0.00369**	**0.00406 J**	--	--	--
PCB-115	E1668C		0.0000575 U	0.0000623 U	--	--	--
PCB-117	E1668C		**0.0282 J**	**0.0356 J**	--	--	--
PCB-118	E1668C		**0.15 J**	**0.206 J**	--	--	--
PCB-120	E1668C		**0.00649 J**	**0.00786 J**	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-09-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-10-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-01-YOY-240911 2024-09-11 N TA
PCB-121	E1668C		**0.00284**	**0.00329**	--	--	--
PCB-122	E1668C		**0.00162**	**0.00198**	--	--	--
PCB-123	E1668C		**0.00344**	**0.00424 J**	--	--	--
PCB-126	E1668C		**0.000812**	**0.00109**	--	--	--
PCB-127	E1668C		**0.000869**	0.0000574 U	--	--	--
PCB-128/166	E1668C		**0.103 J**	**0.109 J**	--	--	--
PCB-129/138/163	E1668C		**0.503 J**	**0.509 J**	--	--	--
PCB-130	E1668C		**0.0324 J**	**0.0361 J**	--	--	--
PCB-131	E1668C		**0.00251**	**0.00263**	--	--	--
PCB-132	E1668C		**0.111 J**	**0.126 J**	--	--	--
PCB-133	E1668C		**0.0174 J**	**0.0191 J**	--	--	--
PCB-134	E1668C		**0.0227 J**	**0.0242 J**	--	--	--
PCB-135/151	E1668C		**0.23 J**	**0.262 J**	--	--	--
PCB-136	E1668C		**0.0939 J**	**0.104 J**	--	--	--
PCB-137	E1668C		**0.0117 J**	**0.0135 J**	--	--	--
PCB-139/140	E1668C		**0.00722**	**0.00807 J**	--	--	--
PCB-141	E1668C		**0.103 J**	**0.126 J**	--	--	--
PCB-142	E1668C		0.0000153 U	0.0000122 U	--	--	--
PCB-143	E1668C		0.0000128 U	0.0000102 U	--	--	--
PCB-144	E1668C		**0.0226 J**	**0.0265 J**	--	--	--
PCB-145	E1668C		**0.000146**	**0.000146**	--	--	--
PCB-146	E1668C		**0.147 J**	**0.164 J**	--	--	--
PCB-147/149	E1668C		**0.435 J**	**0.435 J**	--	--	--
PCB-148	E1668C		**0.00561 J**	**0.00602 J**	--	--	--
PCB-150	E1668C		**0.0103 J**	**0.0106 J**	--	--	--
PCB-152	E1668C		**0.00472 J**	**0.00487 J**	--	--	--
PCB-153/168	E1668C		**0.446 J**	**0.45 J**	--	--	--
PCB-154	E1668C		**0.0257 J**	**0.0277 J**	--	--	--
PCB-155	E1668C		**0.00131**	**0.00139**	--	--	--
PCB-156/157	E1668C		**0.0509 J**	**0.058 J**	--	--	--
PCB-158	E1668C		**0.0449 J**	**0.0505 J**	--	--	--
PCB-159	E1668C		**0.0148 J**	**0.0174 J**	--	--	--
PCB-160	E1668C		0.0000103 U	0.00000828 U	--	--	--
PCB-161	E1668C		0.0000090 U	0.0000072 U	--	--	--
PCB-162	E1668C		**0.00451 J**	**0.00521 J**	--	--	--
PCB-164	E1668C		**0.0321 J**	**0.0358 J**	--	--	--
PCB-165	E1668C		**0.0026**	**0.00282**	--	--	--
PCB-167	E1668C		**0.0351 J**	**0.0423 J**	--	--	--
PCB-169	E1668C		**0.00799 J**	**0.00701 J**	--	--	--
PCB-170	E1668C		**0.332 J**	**0.365 J**	--	--	--
PCB-171/173	E1668C		**0.0683 J**	**0.0883 J**	--	--	--
PCB-172	E1668C		**0.0482 J**	**0.0603 J**	--	--	--
PCB-174	E1668C		**0.177 J**	**0.227 J**	--	--	--
PCB-175	E1668C		**0.011 J**	**0.0134 J**	--	--	--
PCB-176	E1668C		**0.0475 J**	**0.0477 J**	--	--	--
PCB-177	E1668C		**0.143 J**	**0.175 J**	--	--	--
PCB-178	E1668C		**0.118 J**	**0.111 J**	--	--	--
PCB-179	E1668C		**0.121 J**	**0.128 J**	--	--	--
PCB-180/193	E1668C		**0.532 J**	**0.597 J**	--	--	--
PCB-181	E1668C		**0.00135**	**0.0017**	--	--	--
PCB-182	E1668C		**0.00187**	**0.00238**	--	--	--
PCB-183	E1668C		**0.164 J**	**0.208 J**	--	--	--
PCB-184	E1668C		**0.000351**	**0.000373**	--	--	--
PCB-185	E1668C		**0.0276 J**	**0.035 J**	--	--	--
PCB-186	E1668C		**0.0000467**	**0.000059**	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-09-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01WS-10-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-01-YOY-240911 2024-09-11 N TA
PCB-187	E1668C		**0.385 J**	**0.442 J**	--	--	--
PCB-188	E1668C		**0.00238**	**0.00231**	--	--	--
PCB-189	E1668C		**0.0146 J**	**0.0176 J**	--	--	--
PCB-190	E1668C		**0.069 J**	**0.0776 J**	--	--	--
PCB-191	E1668C		**0.00964 J**	**0.0123 J**	--	--	--
PCB-192	E1668C		0.0000546 U	0.0000454 U	--	--	--
PCB-194	E1668C		**0.156 J**	**0.204 J**	--	--	--
PCB-195	E1668C		**0.0666 J**	**0.0873 J**	--	--	--
PCB-196	E1668C		**0.0945 J**	**0.0952 J**	--	--	--
PCB-197	E1668C		**0.00725 J**	**0.00729 J**	--	--	--
PCB-198/199	E1668C		**0.193 J**	**0.19 J**	--	--	--
PCB-200	E1668C		**0.0188 J**	**0.0191 J**	--	--	--
PCB-201	E1668C		**0.0245 J**	**0.0236 J**	--	--	--
PCB-202	E1668C		**0.0296 J**	**0.0281 J**	--	--	--
PCB-203	E1668C		**0.119 J**	**0.119 J**	--	--	--
PCB-204	E1668C		**0.0000522 J**	**0.0000563**	--	--	--
PCB-205	E1668C		**0.00903 J**	**0.0118 J**	--	--	--
PCB-206	E1668C		**0.0247 J**	**0.0333 J**	--	--	--
PCB-207	E1668C		**0.00364**	**0.00496 J**	--	--	--
PCB-208	E1668C		**0.00491 J**	**0.0064 J**	--	--	--
PCB-209	E1668C		**0.00108**	**0.00146**	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		**9.7 J**	**11 J**	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		**9.7 J**	**11 J**	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-02-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-03-ADLT-240912 2024-09-12 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.17 J**	**0.54 J**	**1.9 J**	**0.29 J**	**0.83 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.175 U	0.751 U	1.25 U	0.249 U	0.502 U
Aroclor 1221	SW8082A		0.175 U	0.751 U	1.25 U	0.249 U	0.502 U
Aroclor 1232	SW8082A		0.175 U	0.751 U	1.25 U	0.249 U	0.502 U
Aroclor 1242	SW8082A		0.175 U	0.751 U	1.25 U	0.249 U	0.502 U
Aroclor 1248	SW8082A		**0.0862 J**	0.751 U	**0.632 J**	**0.0989 J**	**0.195 J**
Aroclor 1254	SW8082A		0.175 U	0.751 U	1.25 U	0.249 U	0.502 U
Aroclor 1260	SW8082A		**1.45**	**7.73**	**9.11**	**2.41**	**4.16**
Total PCB Aroclors (U = 0 max limit)	Calculated		**1.54 J**	**7.73**	**9.74 J**	**2.51 J**	**4.36 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**1.68 J**	**8.47**	**10.8 J**	**2.71 J**	**4.77 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-02-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-03-ADLT-240912 2024-09-12 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-02-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-03-ADLT-240912 2024-09-12 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-02-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-02-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-03-ADLT-240912 2024-09-12 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-03-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-04-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-04-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-05-ADLT-240911 2024-09-11 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.9 J**	**0.22 J**	**0.34 J**	**1.9 J**	**0.19 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		1.25 U	0.125 U	0.499 U	2.5 U	0.50 U
Aroclor 1221	SW8082A		1.25 U	0.125 U	0.499 U	2.5 U	0.50 U
Aroclor 1232	SW8082A		1.25 U	0.125 U	0.499 U	2.5 U	0.50 U
Aroclor 1242	SW8082A		1.25 U	0.125 U	0.499 U	2.5 U	0.50 U
Aroclor 1248	SW8082A		**0.666 J**	**0.0716 J**	**0.169 J**	2.5 U	0.50 U
Aroclor 1254	SW8082A		1.25 U	0.125 U	0.499 U	2.5 U	0.50 U
Aroclor 1260	SW8082A		**11.7**	**1.05**	**4.93**	**10.6**	**3.55**
Total PCB Aroclors (U = 0 max limit)	Calculated		**12.4 J**	**1.12 J**	**5.10 J**	**10.6**	**3.55**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**13.4 J**	**1.22 J**	**5.51 J**	**13.1**	**4.04**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-03-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-04-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-04-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-05-ADLT-240911 2024-09-11 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-03-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-04-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-04-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-05-ADLT-240911 2024-09-11 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-03-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-04-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-04-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-05-ADLT-240911 2024-09-11 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-05-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-05-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-06-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-07-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-01-ADLT-241003 2024-10-03 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.79 J**	**2.1 J**	**2.0 J**	**2.0 J**	**1.3 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.25 U	2.51 U	1.25 U	2.5 U	0.25 U
Aroclor 1221	SW8082A		0.25 U	2.51 U	1.25 U	2.5 U	0.25 U
Aroclor 1232	SW8082A		0.25 U	2.51 U	1.25 U	2.5 U	0.25 U
Aroclor 1242	SW8082A		0.25 U	2.51 U	1.25 U	2.5 U	0.25 U
Aroclor 1248	SW8082A		**0.107 J**	2.51 U	**0.797 J**	2.5 U	0.25 U
Aroclor 1254	SW8082A		0.25 U	2.51 U	1.25 U	2.5 U	0.25 U
Aroclor 1260	SW8082A		**2.52**	**11.7**	**10.8**	**10.1**	**2.31**
Total PCB Aroclors (U = 0 max limit)	Calculated		**2.63 J**	**11.7**	**11.6 J**	**10.1**	**2.31**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**2.83 J**	**14.2**	**12.6 J**	**12.6**	**2.56**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-05-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-05-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-06-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-07-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-01-ADLT-241003 2024-10-03 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-05-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-05-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-06-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-07-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-01-ADLT-241003 2024-10-03 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-05-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-05-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-06-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R06-01 HBMP-R06-01YP-07-YOY-240911 2024-09-11 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-01-ADLT-241003 2024-10-03 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-02-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-03-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-04-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-05-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-06-ADLT-241003 2024-10-03 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.86 J**	**1.8 J**	**0.63 J**	**1.6 J**	**1.0 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.375 U	0.375 U	0.251 U	0.499 U	0.50 U
Aroclor 1221	SW8082A		0.375 U	0.375 U	0.251 U	0.499 U	0.50 U
Aroclor 1232	SW8082A		0.375 U	0.375 U	0.251 U	0.499 U	0.50 U
Aroclor 1242	SW8082A		0.375 U	0.375 U	0.251 U	0.499 U	0.50 U
Aroclor 1248	SW8082A		0.375 U	0.375 U	0.251 U	0.499 U	0.50 U
Aroclor 1254	SW8082A		0.375 U	0.375 U	0.251 U	0.499 U	0.50 U
Aroclor 1260	SW8082A		**2.27**	**3.85**	**1.57**	**6.01**	**2.62**
Total PCB Aroclors (U = 0 max limit)	Calculated		**2.27**	**3.85**	**1.57**	**6.01**	**2.62**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**2.64**	**4.22**	**1.82**	**6.50**	**3.11**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-02-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-03-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-04-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-05-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-06-ADLT-241003 2024-10-03 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-02-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-03-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-04-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-05-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-06-ADLT-241003 2024-10-03 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-02-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-03-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-04-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-05-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-06-ADLT-241003 2024-10-03 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-07-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-08-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-09-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-02-ADLT-250102 2025-01-02 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.0 J**	**1.0 J**	**1.4 J**	**5.0**	**3.2 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.125 U	0.125 U	0.375 U	1.25 U	0.751 U
Aroclor 1221	SW8082A		0.125 U	0.125 U	0.375 U	1.25 U	0.751 U
Aroclor 1232	SW8082A		0.125 U	0.125 U	0.375 U	1.25 U	0.751 U
Aroclor 1242	SW8082A		0.125 U	0.125 U	0.375 U	1.25 U	0.751 U
Aroclor 1248	SW8082A		0.125 U	0.125 U	0.375 U	**0.589 J**	**0.294 J**
Aroclor 1254	SW8082A		0.125 U	0.125 U	0.375 U	**5.08**	0.751 U
Aroclor 1260	SW8082A		**0.996**	**0.827**	**2.7**	**11**	**5.52**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.996**	**0.827**	**2.7**	**17 J**	**5.81 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**1.12**	**0.950**	**3.1**	**17 J**	**6.43 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	**0.000133**	**0.0000794**
PCB-002	E1668C		--	--	--	0.00000535 U	0.00000401 U
PCB-003	E1668C		--	--	--	0.00000603 U	0.00000452 U
PCB-004	E1668C		--	--	--	**0.00733 J**	**0.00471 J**
PCB-005	E1668C		--	--	--	**0.00000864**	**0.00000629**
PCB-006	E1668C		--	--	--	**0.000605**	**0.000377**
PCB-007	E1668C		--	--	--	**0.0000277**	**0.0000188**
PCB-008	E1668C		--	--	--	**0.000841**	**0.000574**
PCB-009	E1668C		--	--	--	**0.000081 J**	**0.0000539**
PCB-010	E1668C		--	--	--	**0.000514**	**0.000347**
PCB-011	E1668C		--	--	--	0.0000064 U	0.00000718 U
PCB-012/013	E1668C		--	--	--	**0.000114**	**0.0000619**
PCB-014	E1668C		--	--	--	0.00000656 U	0.00000508 U
PCB-015	E1668C		--	--	--	**0.00024**	**0.000347**
PCB-016	E1668C		--	--	--	**0.00127**	**0.000716**
PCB-017	E1668C		--	--	--	**0.0128 J**	**0.00753 J**
PCB-018/030	E1668C		--	--	--	**0.00458**	**0.00213**
PCB-019	E1668C		--	--	--	**0.0206 J**	**0.0113 J**
PCB-020/028	E1668C		--	--	--	**0.0254 J**	**0.016 J**
PCB-021/033	E1668C		--	--	--	**0.00603**	**0.0039**
PCB-022	E1668C		--	--	--	**0.00173**	**0.00119**
PCB-023	E1668C		--	--	--	0.0000176 U	0.0000143 U
PCB-024	E1668C		--	--	--	**0.0000573**	**0.0000336**
PCB-025	E1668C		--	--	--	**0.00477 J**	**0.00412 J**
PCB-026/029	E1668C		--	--	--	**0.00642**	**0.00523**
PCB-027	E1668C		--	--	--	**0.00801 J**	**0.00415 J**
PCB-031	E1668C		--	--	--	**0.00657 J**	**0.00587 J**
PCB-032	E1668C		--	--	--	**0.0223 J**	**0.0122 J**
PCB-034	E1668C		--	--	--	**0.00023**	**0.000159**
PCB-035	E1668C		--	--	--	0.000017 U	0.0000139 U
PCB-036	E1668C		--	--	--	0.0000146 U	0.0000119 U
PCB-037	E1668C		--	--	--	**0.000496**	**0.000547**
PCB-038	E1668C		--	--	--	**0.000221**	**0.000136**
PCB-039	E1668C		--	--	--	**0.0000208**	**0.0000611**
PCB-040/071	E1668C		--	--	--	**0.0532 J**	**0.0336 J**
PCB-041	E1668C		--	--	--	0.0000174 U	0.0000191 U
PCB-042	E1668C		--	--	--	**0.031 J**	**0.0167 J**
PCB-043	E1668C		--	--	--	**0.000606**	**0.000369**
PCB-044/047/065	E1668C		--	--	--	**0.651 J**	**0.422 J**
PCB-045	E1668C		--	--	--	0.0000146 U	0.000016 U
PCB-046	E1668C		--	--	--	**0.0096 J**	**0.00477 J**
PCB-048	E1668C		--	--	--	**0.00111**	**0.000621**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-07-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-08-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-09-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-02-ADLT-250102 2025-01-02 N TA
PCB-049/069	E1668C		--	--	--	**0.337 J**	**0.21 J**
PCB-050/053	E1668C		--	--	--	**0.104 J**	**0.0638 J**
PCB-051	E1668C		--	--	--	**0.177 J**	**0.115 J**
PCB-052	E1668C		--	--	--	**0.0638 J**	**0.0282 J**
PCB-054	E1668C		--	--	--	**0.0184 J**	**0.0104 J**
PCB-055	E1668C		--	--	--	0.0000692 U	0.0000493 U
PCB-056	E1668C		--	--	--	**0.00298**	**0.00205**
PCB-057	E1668C		--	--	--	**0.000698**	**0.000628**
PCB-058	E1668C		--	--	--	**0.00114**	**0.000441**
PCB-059/062/075	E1668C		--	--	--	**0.0145 J**	**0.00888**
PCB-060	E1668C		--	--	--	**0.00105**	**0.000525**
PCB-061/070/074/076	E1668C		--	--	--	**0.0372 J**	**0.0263 J**
PCB-063	E1668C		--	--	--	**0.00665 J**	**0.004 J**
PCB-064	E1668C		--	--	--	**0.0133 J**	**0.00683 J**
PCB-066	E1668C		--	--	--	**0.0583 J**	**0.0363 J**
PCB-067	E1668C		--	--	--	**0.00243**	**0.00192**
PCB-068	E1668C		--	--	--	**0.0149 J**	**0.00931 J**
PCB-072	E1668C		--	--	--	**0.00789 J**	**0.00484 J**
PCB-073	E1668C		--	--	--	**0.00853 J**	**0.0054 J**
PCB-077	E1668C		--	--	--	**0.00171**	**0.00104**
PCB-078	E1668C		--	--	--	0.000075 U	0.0000535 U
PCB-079	E1668C		--	--	--	**0.00216**	**0.00142**
PCB-080	E1668C		--	--	--	0.0000708 U	0.0000505 U
PCB-081	E1668C		--	--	--	0.0000761 U	0.0000543 U
PCB-082	E1668C		--	--	--	**0.0171 J**	**0.00596 J**
PCB-083	E1668C		--	--	--	**0.0182 J**	**0.00793 J**
PCB-084	E1668C		--	--	--	**0.0501 J**	**0.0183 J**
PCB-085/116	E1668C		--	--	--	**0.0397 J**	**0.0181 J**
PCB-086/087/097/109/119/125	E1668C		--	--	--	**0.253 J**	**0.106 J**
PCB-088	E1668C		--	--	--	0.000863 U	0.000422 U
PCB-089	E1668C		--	--	--	0.000747 U	0.000365 U
PCB-090/101/113	E1668C		--	--	--	**0.9 J**	**0.355 J**
PCB-091	E1668C		--	--	--	**0.235 J**	**0.1 J**
PCB-092	E1668C		--	--	--	**0.196 J**	**0.0746 J**
PCB-093/100	E1668C		--	--	--	**0.155 J**	**0.0682 J**
PCB-094	E1668C		--	--	--	**0.0271 J**	**0.0121 J**
PCB-095	E1668C		--	--	--	**0.292 J**	**0.118 J**
PCB-096	E1668C		--	--	--	**0.0118 J**	**0.00542 J**
PCB-098	E1668C		--	--	--	**0.00553 J**	**0.0016**
PCB-099	E1668C		--	--	--	**0.38 J**	**0.16 J**
PCB-102	E1668C		--	--	--	**0.0283 J**	**0.0128 J**
PCB-103	E1668C		--	--	--	**0.0651 J**	**0.0272 J**
PCB-104	E1668C		--	--	--	**0.00612 J**	**0.00322**
PCB-105	E1668C		--	--	--	**0.0494 J**	**0.0243 J**
PCB-106	E1668C		--	--	--	0.000505 U	0.000247 U
PCB-107	E1668C		--	--	--	**0.0349 J**	**0.0145 J**
PCB-108/124	E1668C		--	--	--	**0.0098 J**	**0.00467**
PCB-110	E1668C		--	--	--	**0.479 J**	**0.18 J**
PCB-111	E1668C		--	--	--	**0.00458 J**	**0.00189**
PCB-112	E1668C		--	--	--	**0.00132**	**0.00051**
PCB-114	E1668C		--	--	--	**0.00479 J**	**0.00191**
PCB-115	E1668C		--	--	--	0.000466 U	0.000228 U
PCB-117	E1668C		--	--	--	**0.0469 J**	**0.0172 J**
PCB-118	E1668C		--	--	--	**0.245 J**	**0.0985 J**
PCB-120	E1668C		--	--	--	**0.0102 J**	**0.00424 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-07-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-08-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-09-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-02-ADLT-250102 2025-01-02 N TA
PCB-121	E1668C		--	--	--	**0.00407 J**	**0.00168**
PCB-122	E1668C		--	--	--	**0.00244**	**0.00117**
PCB-123	E1668C		--	--	--	**0.00569 J**	**0.00234**
PCB-126	E1668C		--	--	--	**0.00109**	**0.000484**
PCB-127	E1668C		--	--	--	0.000396 U	0.000252 U
PCB-128/166	E1668C		--	--	--	**0.158 J**	**0.0655 J**
PCB-129/138/163	E1668C		--	--	--	**0.616 J**	**0.452 J**
PCB-130	E1668C		--	--	--	**0.0362 J**	**0.0239 J**
PCB-131	E1668C		--	--	--	**0.00253**	**0.00171**
PCB-132	E1668C		--	--	--	**0.122 J**	**0.0792 J**
PCB-133	E1668C		--	--	--	**0.0189 J**	**0.0123 J**
PCB-134	E1668C		--	--	--	**0.0254 J**	**0.016 J**
PCB-135/151	E1668C		--	--	--	**0.257 J**	**0.178 J**
PCB-136	E1668C		--	--	--	**0.121 J**	**0.0548 J**
PCB-137	E1668C		--	--	--	**0.0138 J**	**0.00943 J**
PCB-139/140	E1668C		--	--	--	**0.00701**	**0.00479**
PCB-141	E1668C		--	--	--	**0.137 J**	**0.0897 J**
PCB-142	E1668C		--	--	--	0.000015 U	0.000023 U
PCB-143	E1668C		--	--	--	0.0000125 U	0.0000192 U
PCB-144	E1668C		--	--	--	**0.0273 J**	**0.0181 J**
PCB-145	E1668C		--	--	--	**0.000268**	**0.000116**
PCB-146	E1668C		--	--	--	**0.161 J**	**0.103 J**
PCB-147/149	E1668C		--	--	--	**0.522 J**	**0.373 J**
PCB-148	E1668C		--	--	--	**0.00576 J**	**0.0037**
PCB-150	E1668C		--	--	--	**0.0118 J**	**0.00491 J**
PCB-152	E1668C		--	--	--	**0.00515 J**	**0.00234**
PCB-153/168	E1668C		--	--	--	**0.562 J**	**0.427 J**
PCB-154	E1668C		--	--	--	**0.0264 J**	**0.018 J**
PCB-155	E1668C		--	--	--	**0.00161**	**0.000691**
PCB-156/157	E1668C		--	--	--	**0.068 J**	**0.0301 J**
PCB-158	E1668C		--	--	--	**0.05 J**	**0.0334 J**
PCB-159	E1668C		--	--	--	**0.0224 J**	**0.0102 J**
PCB-160	E1668C		--	--	--	0.0000101 U	0.0000156 U
PCB-161	E1668C		--	--	--	0.00000882 U	0.0000135 U
PCB-162	E1668C		--	--	--	**0.00727 J**	**0.00332**
PCB-164	E1668C		--	--	--	**0.0422 J**	**0.0275 J**
PCB-165	E1668C		--	--	--	**0.00263**	**0.00165**
PCB-167	E1668C		--	--	--	**0.0545 J**	**0.0256 J**
PCB-169	E1668C		--	--	--	**0.00669 J**	**0.00287**
PCB-170	E1668C		--	--	--	**0.405 J**	**0.223 J**
PCB-171/173	E1668C		--	--	--	**0.0859 J**	**0.0429 J**
PCB-172	E1668C		--	--	--	**0.0654 J**	**0.0328 J**
PCB-174	E1668C		--	--	--	**0.265 J**	**0.133 J**
PCB-175	E1668C		--	--	--	**0.0145 J**	**0.00669 J**
PCB-176	E1668C		--	--	--	**0.0537 J**	**0.0203 J**
PCB-177	E1668C		--	--	--	**0.172 J**	**0.0849 J**
PCB-178	E1668C		--	--	--	**0.143 J**	**0.0545 J**
PCB-179	E1668C		--	--	--	**0.141 J**	**0.0551 J**
PCB-180/193	E1668C		--	--	--	**0.809 J**	**0.438 J**
PCB-181	E1668C		--	--	--	**0.00174**	**0.000887**
PCB-182	E1668C		--	--	--	**0.0025**	**0.00128**
PCB-183	E1668C		--	--	--	**0.223 J**	**0.111 J**
PCB-184	E1668C		--	--	--	**0.000406**	**0.000151**
PCB-185	E1668C		--	--	--	**0.0401 J**	**0.0199 J**
PCB-186	E1668C		--	--	--	0.0000141 U	0.000012 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-07-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-08-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01BB-09-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-02-ADLT-250102 2025-01-02 N TA
PCB-187	E1668C		--	--	--	**0.486 J**	**0.245 J**
PCB-188	E1668C		--	--	--	**0.00273**	**0.001**
PCB-189	E1668C		--	--	--	**0.0217 J**	**0.00839 J**
PCB-190	E1668C		--	--	--	**0.0893 J**	**0.0484 J**
PCB-191	E1668C		--	--	--	**0.0139 J**	**0.00704 J**
PCB-192	E1668C		--	--	--	0.0000628 U	0.0000269 U
PCB-194	E1668C		--	--	--	**0.173 J**	**0.0883 J**
PCB-195	E1668C		--	--	--	**0.0687 J**	**0.0328 J**
PCB-196	E1668C		--	--	--	**0.0976 J**	**0.0452 J**
PCB-197	E1668C		--	--	--	**0.00702 J**	**0.00322**
PCB-198/199	E1668C		--	--	--	**0.18 J**	**0.082 J**
PCB-200	E1668C		--	--	--	**0.0172 J**	**0.00773 J**
PCB-201	E1668C		--	--	--	**0.0223 J**	**0.00917 J**
PCB-202	E1668C		--	--	--	**0.0268 J**	**0.0119 J**
PCB-203	E1668C		--	--	--	**0.126 J**	**0.0603 J**
PCB-204	E1668C		--	--	--	**0.0000573**	0.00000835 U
PCB-205	E1668C		--	--	--	**0.00969 J**	**0.00506 J**
PCB-206	E1668C		--	--	--	**0.0215 J**	**0.0104 J**
PCB-207	E1668C		--	--	--	**0.00312**	**0.00145**
PCB-208	E1668C		--	--	--	**0.00398 J**	**0.00176**
PCB-209	E1668C		--	--	--	**0.000719**	**0.000386**
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	**12 J**	**6.5 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	**12 J**	**6.5 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-03-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-06-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-07-ADLT-250102 2025-01-02 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**6.3**	**6.0**	**4.0 J**	**4.7**	**0.68 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		1.25 U	1.25 U	0.752 U	0.752 U	0.748 U
Aroclor 1221	SW8082A		1.25 U	1.25 U	0.752 U	0.752 U	0.748 U
Aroclor 1232	SW8082A		1.25 U	1.25 U	0.752 U	0.752 U	0.748 U
Aroclor 1242	SW8082A		1.25 U	1.25 U	0.752 U	0.752 U	0.748 U
Aroclor 1248	SW8082A		1.25 U	1.25 U	0.752 U	**0.385 J**	0.748 U
Aroclor 1254	SW8082A		**7.75**	**6.82**	**4.16**	0.752 U	**4.2**
Aroclor 1260	SW8082A		**16.6**	**15.2**	**9.24**	**7.47**	**9.8**
Total PCB Aroclors (U = 0 max limit)	Calculated		**24.4**	**22.0**	**13.4**	**7.86 J**	**14**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**25.4**	**23.0**	**14.0**	**8.47 J**	**15**
PCB Congeners (mg/kg)							
PCB-001	E1668C		**0.000162**	**0.000165**	**0.000127**	**0.000107**	**0.0000191**
PCB-002	E1668C		0.00000428 U	0.00000603 U	0.00000516 U	0.00000421 U	0.00000481 U
PCB-003	E1668C		**0.00000944**	0.00000664 U	0.00000582 U	**0.00000778**	0.00000543 U
PCB-004	E1668C		**0.00908 J**	**0.00887 J**	**0.00764 J**	**0.0062 J**	**0.00121**
PCB-005	E1668C		**0.00000904**	**0.00000848**	**0.00000645**	**0.00000676**	0.00000967 U
PCB-006	E1668C		**0.000721**	**0.00074**	**0.000539**	**0.000497**	**0.000144**
PCB-007	E1668C		**0.0000433**	**0.0000437 J**	**0.0000205 J**	**0.0000245**	0.00000949 U
PCB-008	E1668C		**0.00104**	**0.00105**	**0.000806**	**0.000726**	**0.000221**
PCB-009	E1668C		**0.0001**	**0.000103**	**0.0000764**	**0.0000681**	**0.0000164**
PCB-010	E1668C		**0.000652**	**0.000658**	**0.000521**	**0.000426**	**0.0000829**
PCB-011	E1668C		**0.0000131**	0.00000652 U	0.00000836 U	0.00000931 U	0.00000833 U
PCB-012/013	E1668C		**0.000135**	**0.000138**	**0.000104**	**0.0000885**	**0.0000278**
PCB-014	E1668C		0.00000491 U	0.00000522 U	0.00000381 U	0.00000585 U	0.00000921 U
PCB-015	E1668C		**0.000525**	**0.000325**	**0.000479**	**0.000476**	**0.000189**
PCB-016	E1668C		**0.00138**	**0.00156**	**0.00112**	**0.000826**	**0.00033**
PCB-017	E1668C		**0.0166 J**	**0.0188 J**	**0.0118 J**	**0.00832 J**	**0.00387**
PCB-018/030	E1668C		**0.00509**	**0.00528**	**0.00437**	**0.00345**	**0.00127**
PCB-019	E1668C		**0.0204 J**	**0.0232 J**	**0.0196 J**	**0.0129 J**	**0.00357**
PCB-020/028	E1668C		**0.0417 J**	**0.0399 J**	**0.032 J**	**0.0191 J**	**0.0129 J**
PCB-021/033	E1668C		**0.00962 J**	**0.00966 J**	**0.00746**	**0.00451**	**0.00319**
PCB-022	E1668C		**0.00259**	**0.00253**	**0.00202**	**0.00136**	**0.000816**
PCB-023	E1668C		0.0000203 U	0.0000211 U	0.0000183 U	0.000013 U	0.0000119 U
PCB-024	E1668C		**0.0000712**	**0.0000796**	**0.0000519**	0.00000399 U	**0.0000138 J**
PCB-025	E1668C		**0.00827 J**	**0.00832 J**	**0.00634 J**	**0.0047 J**	**0.00265**
PCB-026/029	E1668C		**0.0121 J**	**0.0108 J**	**0.00825 J**	**0.00597**	**0.00356**
PCB-027	E1668C		**0.00931 J**	**0.0108 J**	**0.00676 J**	**0.00507 J**	**0.00218**
PCB-031	E1668C		**0.0114 J**	**0.0115 J**	**0.00985 J**	**0.0063 J**	**0.00383**
PCB-032	E1668C		**0.026 J**	**0.029 J**	**0.021 J**	**0.0131 J**	**0.00739 J**
PCB-034	E1668C		**0.000408**	**0.000422**	**0.000274**	**0.000191**	**0.000118**
PCB-035	E1668C		0.0000195 U	0.0000203 U	0.0000177 U	0.0000126 U	0.0000115 U
PCB-036	E1668C		0.0000169 U	0.0000176 U	0.0000153 U	0.0000109 U	0.00000993 U
PCB-037	E1668C		**0.000865**	**0.000742**	**0.000723**	**0.000577**	**0.000411**
PCB-038	E1668C		**0.000382**	**0.000378**	**0.000293**	**0.000149**	**0.0002**
PCB-039	E1668C		**0.0000484**	0.0000194 U	**0.0000534**	**0.0000482**	**0.0000176**
PCB-040/071	E1668C		**0.0772 J**	**0.0715 J**	**0.0499 J**	**0.0353 J**	**0.0336 J**
PCB-041	E1668C		0.0000067 U	0.0000188 U	0.0000199 U	0.00000778 U	0.0000109 U
PCB-042	E1668C		**0.0394 J**	**0.0381 J**	**0.0306 J**	**0.0178 J**	**0.0193 J**
PCB-043	E1668C		**0.000808**	**0.000998**	**0.000544**	**0.000504**	**0.00025**
PCB-044/047/065	E1668C		**0.687 J**	**0.818 J**	**0.745 J**	**0.451 J**	**0.548 J**
PCB-045	E1668C		0.00000662 U	0.0000186 U	0.0000167 U	0.00000767 U	0.00000912 U
PCB-046	E1668C		**0.00799 J**	**0.00841 J**	**0.00829 J**	**0.0054 J**	**0.00337**
PCB-048	E1668C		**0.0016**	**0.00144**	**0.0013**	**0.000791**	**0.000793**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-03-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-06-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-07-ADLT-250102 2025-01-02 N TA
PCB-049/069	E1668C		**0.47 J**	**0.493 J**	**0.431 J**	**0.225 J**	**0.276 J**
PCB-050/053	E1668C		**0.128 J**	**0.14 J**	**0.109 J**	**0.0766 J**	**0.0447 J**
PCB-051	E1668C		**0.211 J**	**0.22 J**	**0.213 J**	**0.116 J**	**0.0916 J**
PCB-052	E1668C		**0.0718 J**	**0.0598 J**	**0.0942 J**	**0.0646 J**	**0.0322 J**
PCB-054	E1668C		**0.0186 J**	**0.0202 J**	**0.018 J**	**0.0122 J**	**0.00439 J**
PCB-055	E1668C		0.0000607 U	0.0000927 U	0.0000826 U	0.0000434 U	0.0000701 U
PCB-056	E1668C		**0.00442 J**	**0.0044 J**	**0.00354**	**0.00216**	**0.00296**
PCB-057	E1668C		**0.00129**	**0.00124**	**0.000995**	**0.00066**	**0.000826**
PCB-058	E1668C		**0.00201**	**0.00159**	**0.00128**	**0.000712**	**0.00114**
PCB-059/062/075	E1668C		**0.0209 J**	**0.021 J**	**0.0185 J**	**0.00964**	**0.0123 J**
PCB-060	E1668C		**0.00147**	**0.00144**	**0.00118**	**0.000572**	**0.000945**
PCB-061/070/074/076	E1668C		**0.0605 J**	**0.0618 J**	**0.0521 J**	**0.0273 J**	**0.0429 J**
PCB-063	E1668C		**0.00985 J**	**0.0101 J**	**0.00841 J**	**0.00426 J**	**0.00653 J**
PCB-064	E1668C		**0.0166 J**	**0.0165 J**	**0.0134 J**	**0.00716 J**	**0.00935 J**
PCB-066	E1668C		**0.0919 J**	**0.0925 J**	**0.0772 J**	**0.039 J**	**0.0624 J**
PCB-067	E1668C		**0.00381**	**0.00393**	**0.00358**	**0.00192**	**0.00296**
PCB-068	E1668C		**0.0239 J**	**0.0259 J**	**0.0199 J**	**0.011 J**	**0.0175 J**
PCB-072	E1668C		**0.0125 J**	**0.0124 J**	**0.00873 J**	**0.00512 J**	**0.00683 J**
PCB-073	E1668C		**0.0123 J**	**0.0133 J**	**0.00888 J**	**0.00579 J**	**0.00549 J**
PCB-077	E1668C		**0.00269**	**0.00236**	**0.00224**	**0.00119**	**0.00153**
PCB-078	E1668C		0.0000679 U	0.000104 U	0.0000895 U	0.0000485 U	0.0000759 U
PCB-079	E1668C		**0.00354**	**0.00365**	**0.00289**	**0.0015**	**0.00283**
PCB-080	E1668C		0.0000637 U	0.0000972 U	0.0000845 U	0.0000455 U	0.0000717 U
PCB-081	E1668C		0.0000695 U	0.000106 U	0.0000908 U	0.0000496 U	0.000077 U
PCB-082	E1668C		**0.0167 J**	**0.0176 J**	**0.0131 J**	**0.0064 J**	**0.0115 J**
PCB-083	E1668C		**0.0483 J**	**0.0225 J**	**0.0257 J**	**0.0164 J**	**0.0318 J**
PCB-084	E1668C		**0.0455 J**	**0.0471 J**	**0.0354 J**	**0.0195 J**	**0.0272 J**
PCB-085/116	E1668C		**0.0536 J**	**0.0566 J**	**0.048 J**	**0.0222 J**	**0.0412 J**
PCB-086/087/097/109/119/125	E1668C		**0.299 J**	**0.316 J**	**0.27 J**	**0.12 J**	**0.229 J**
PCB-088	E1668C		0.00166 U	0.00188 U	0.00221 U	0.000718 U	0.00035 U
PCB-089	E1668C		0.0015 U	0.0017 U	0.00192 U	0.000649 U	**0.00052**
PCB-090/101/113	E1668C		**0.73 J**	**0.938 J**	**0.896 J**	**0.431 J**	**0.686 J**
PCB-091	E1668C		**0.266 J**	**0.286 J**	**0.238 J**	**0.109 J**	**0.186 J**
PCB-092	E1668C		**0.212 J**	**0.204 J**	**0.214 J**	**0.106 J**	**0.143 J**
PCB-093/100	E1668C		**0.17 J**	**0.187 J**	**0.161 J**	**0.0767 J**	**0.12 J**
PCB-094	E1668C		**0.0291 J**	**0.0339 J**	**0.0193 J**	**0.0136 J**	**0.0125 J**
PCB-095	E1668C		**0.31 J**	**0.319 J**	**0.301 J**	**0.159 J**	**0.18 J**
PCB-096	E1668C		**0.0129 J**	**0.0132 J**	**0.0105 J**	**0.00569 J**	**0.00579 J**
PCB-098	E1668C		0.00142 U	**0.00631 J**	0.00176 U	**0.00184**	**0.00279**
PCB-099	E1668C		**0.392 J**	**0.448 J**	**0.412 J**	**0.168 J**	**0.344 J**
PCB-102	E1668C		**0.034 J**	**0.0304 J**	**0.0279 J**	**0.0131 J**	**0.0181 J**
PCB-103	E1668C		**0.0693 J**	**0.0744 J**	**0.0621 J**	**0.0315 J**	**0.0433 J**
PCB-104	E1668C		**0.00602 J**	**0.0065 J**	**0.00567 J**	**0.00321**	**0.00212**
PCB-105	E1668C		**0.0769 J**	**0.0723 J**	**0.0595 J**	**0.0315 J**	**0.0615 J**
PCB-106	E1668C		0.00106 U	0.0012 U	0.0013 U	0.000457 U	0.000205 U
PCB-107	E1668C		**0.0442 J**	**0.0461 J**	**0.0384 J**	**0.017 J**	**0.0361 J**
PCB-108/124	E1668C		**0.0123 J**	**0.0133 J**	**0.0105 J**	**0.00541**	**0.0114 J**
PCB-110	E1668C		**0.467 J**	**0.519 J**	**0.45 J**	**0.195 J**	**0.382 J**
PCB-111	E1668C		**0.00512 J**	**0.00544 J**	**0.00451 J**	**0.00205**	**0.00444 J**
PCB-112	E1668C		**0.00106**	**0.00127**	0.00121 U	**0.000392**	**0.00109**
PCB-114	E1668C		**0.0057 J**	**0.00569 J**	**0.00486 J**	**0.00216**	**0.00505 J**
PCB-115	E1668C		0.000978 U	0.0011 U	0.0012 U	0.000422 U	0.000189 U
PCB-117	E1668C		**0.0486 J**	**0.0499 J**	**0.0436 J**	**0.0189 J**	**0.0381 J**
PCB-118	E1668C		**0.315 J**	**0.32 J**	**0.244 J**	**0.134 J**	**0.264 J**
PCB-120	E1668C		**0.0127 J**	**0.0134 J**	**0.0111 J**	**0.00504 J**	**0.0106 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-03-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-06-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-07-ADLT-250102 2025-01-02 N TA
PCB-121	E1668C		**0.00418 J**	**0.00449 J**	**0.00391**	**0.00169**	**0.00361**
PCB-122	E1668C		**0.00304**	**0.00292**	**0.00238**	**0.00129**	**0.00273**
PCB-123	E1668C		**0.00633 J**	**0.00718 J**	**0.00608 J**	**0.00265**	**0.00583 J**
PCB-126	E1668C		**0.00162**	**0.0016**	**0.00105**	**0.000819**	**0.00132**
PCB-127	E1668C		0.00123 U	0.00117 U	0.00107 U	0.000519 U	0.00020 U
PCB-128/166	E1668C		**0.147 J**	**0.161 J**	**0.155 J**	**0.0732 J**	**0.139 J**
PCB-129/138/163	E1668C		**0.505 J**	**0.551 J**	**0.562 J**	**0.498 J**	**0.535 J**
PCB-130	E1668C		**0.0538 J**	**0.0493 J**	**0.0402 J**	**0.0282 J**	**0.048 J**
PCB-131	E1668C		**0.00369**	**0.0036**	0.0000186 U	**0.00193**	**0.00302**
PCB-132	E1668C		**0.164 J**	**0.153 J**	**0.127 J**	**0.0868 J**	**0.143 J**
PCB-133	E1668C		**0.0263 J**	**0.0244 J**	**0.0213 J**	**0.0141 J**	**0.0235 J**
PCB-134	E1668C		**0.032 J**	**0.0288 J**	**0.0227 J**	**0.0175 J**	**0.027 J**
PCB-135/151	E1668C		**0.343 J**	**0.319 J**	**0.275 J**	**0.207 J**	**0.268 J**
PCB-136	E1668C		**0.157 J**	**0.149 J**	**0.114 J**	**0.073 J**	**0.0992 J**
PCB-137	E1668C		**0.0173 J**	**0.017 J**	**0.0154 J**	**0.00981 J**	**0.0192 J**
PCB-139/140	E1668C		**0.0103 J**	**0.00966 J**	**0.0082 J**	**0.00582**	**0.00951 J**
PCB-141	E1668C		**0.192 J**	**0.173 J**	**0.162 J**	**0.109 J**	**0.169 J**
PCB-142	E1668C		0.0000104 U	0.0000178 U	0.0000196 U	0.0000108 U	0.0000133 U
PCB-143	E1668C		0.00000905 U	0.0000156 U	0.0000165 U	0.00000942 U	0.0000112 U
PCB-144	E1668C		**0.0401 J**	**0.0366 J**	**0.0304 J**	**0.0217 J**	**0.0328 J**
PCB-145	E1668C		**0.000342**	**0.000291**	**0.000146**	0.00000727 U	**0.000208**
PCB-146	E1668C		**0.224 J**	**0.21 J**	**0.194 J**	**0.123 J**	**0.212 J**
PCB-147/149	E1668C		**0.455 J**	**0.494 J**	**0.467 J**	**0.428 J**	**0.443 J**
PCB-148	E1668C		**0.00741 J**	**0.00701 J**	**0.00614 J**	**0.00399 J**	**0.00628 J**
PCB-150	E1668C		**0.0153 J**	**0.0147 J**	**0.0114 J**	**0.00626 J**	**0.0106 J**
PCB-152	E1668C		**0.00563 J**	**0.00575 J**	**0.00446 J**	**0.00293**	**0.00323**
PCB-153/168	E1668C		**0.426 J**	**0.47 J**	**0.498 J**	**0.476 J**	**0.439 J**
PCB-154	E1668C		**0.036 J**	**0.0347 J**	**0.0294 J**	**0.0204 J**	**0.0308 J**
PCB-155	E1668C		**0.00199**	**0.00201**	**0.00159**	**0.000876**	**0.00153**
PCB-156/157	E1668C		**0.101 J**	**0.0969 J**	**0.0783 J**	**0.0384 J**	**0.0875 J**
PCB-158	E1668C		**0.0765 J**	**0.0724 J**	**0.0599 J**	**0.04 J**	**0.0673 J**
PCB-159	E1668C		**0.0234 J**	**0.0262 J**	**0.0214 J**	**0.0107 J**	**0.019 J**
PCB-160	E1668C		0.0000081 U	0.0000139 U	0.0000133 U	0.00000843 U	0.00000904 U
PCB-161	E1668C		0.00000633 U	0.0000109 U	0.0000116 U	0.00000658 U	0.00000786 U
PCB-162	E1668C		**0.00904 J**	**0.00919 J**	**0.00838 J**	**0.00383**	**0.00854 J**
PCB-164	E1668C		**0.0644 J**	**0.0574 J**	**0.0475 J**	**0.0319 J**	**0.0542 J**
PCB-165	E1668C		**0.0038**	**0.00349**	**0.00303**	**0.00199**	**0.00334**
PCB-167	E1668C		**0.0705 J**	**0.0744 J**	**0.0665 J**	**0.0298 J**	**0.0689 J**
PCB-169	E1668C		**0.0062 J**	**0.00753 J**	**0.00558 J**	**0.00287**	**0.00616 J**
PCB-170	E1668C		**0.526 J**	**0.551 J**	**0.505 J**	**0.242 J**	**0.476 J**
PCB-171/173	E1668C		**0.114 J**	**0.111 J**	**0.1 J**	**0.0516 J**	**0.107 J**
PCB-172	E1668C		**0.0869 J**	**0.0839 J**	**0.0731 J**	**0.037 J**	**0.0766 J**
PCB-174	E1668C		**0.333 J**	**0.33 J**	**0.248 J**	**0.152 J**	**0.245 J**
PCB-175	E1668C		**0.0176 J**	**0.0174 J**	**0.0148 J**	**0.00774 J**	**0.0153 J**
PCB-176	E1668C		**0.0706 J**	**0.0745 J**	**0.0559 J**	**0.0319 J**	**0.0532 J**
PCB-177	E1668C		**0.222 J**	**0.218 J**	**0.186 J**	**0.101 J**	**0.194 J**
PCB-178	E1668C		**0.188 J**	**0.196 J**	**0.156 J**	**0.0848 J**	**0.136 J**
PCB-179	E1668C		**0.187 J**	**0.192 J**	**0.141 J**	**0.0897 J**	**0.127 J**
PCB-180/193	E1668C		**0.616 J**	**0.698 J**	**0.706 J**	**0.477 J**	**0.615 J**
PCB-181	E1668C		0.0000888 U	**0.00224**	**0.00197**	**0.00104**	**0.00206**
PCB-182	E1668C		**0.00346**	**0.00317**	**0.00273**	**0.00134**	**0.00254**
PCB-183	E1668C		**0.276 J**	**0.278 J**	**0.245 J**	**0.123 J**	**0.252 J**
PCB-184	E1668C		**0.000536**	**0.000592**	**0.000451**	**0.000252**	**0.000428**
PCB-185	E1668C		**0.051 J**	**0.0478 J**	**0.0399 J**	**0.0253 J**	**0.046 J**
PCB-186	E1668C		0.00000845 U	**0.0000907**	0.0000147 U	0.00000574 U	0.00000932 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-03-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-06-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-07-ADLT-250102 2025-01-02 N TA
PCB-187	E1668C		**0.455 J**	**0.498 J**	**0.507 J**	**0.309 J**	**0.435 J**
PCB-188	E1668C		**0.00325**	**0.00351**	**0.00282**	**0.00152**	**0.00252**
PCB-189	E1668C		**0.0246 J**	**0.0248 J**	**0.022 J**	**0.0103 J**	**0.025 J**
PCB-190	E1668C		**0.128 J**	**0.125 J**	**0.117 J**	**0.0547 J**	**0.104 J**
PCB-191	E1668C		**0.0185 J**	**0.0179 J**	**0.0149 J**	**0.00777 J**	**0.0162 J**
PCB-192	E1668C		0.0000691 U	0.0000756 U	0.0000671 U	0.000032 U	0.0000649 U
PCB-194	E1668C		**0.242 J**	**0.28 J**	**0.22 J**	**0.0908 J**	**0.226 J**
PCB-195	E1668C		**0.101 J**	**0.111 J**	**0.089 J**	**0.0387 J**	**0.094 J**
PCB-196	E1668C		**0.127 J**	**0.141 J**	**0.0992 J**	**0.0536 J**	**0.106 J**
PCB-197	E1668C		**0.00915 J**	**0.00975 J**	**0.00729 J**	**0.00422 J**	**0.0077 J**
PCB-198/199	E1668C		**0.225 J**	**0.246 J**	**0.186 J**	**0.101 J**	**0.191 J**
PCB-200	E1668C		**0.0227 J**	**0.0238 J**	**0.0162 J**	**0.0107 J**	**0.0172 J**
PCB-201	E1668C		**0.0267 J**	**0.0296 J**	**0.0216 J**	**0.0122 J**	**0.0218 J**
PCB-202	E1668C		**0.0329 J**	**0.0346 J**	**0.0269 J**	**0.0155 J**	**0.0263 J**
PCB-203	E1668C		**0.167 J**	**0.181 J**	**0.13 J**	**0.072 J**	**0.137 J**
PCB-204	E1668C		**0.0000739**	**0.000075**	**0.0000521**	**0.0000327**	**0.0000583**
PCB-205	E1668C		**0.0139 J**	**0.016 J**	**0.0126 J**	**0.00533 J**	**0.0124 J**
PCB-206	E1668C		**0.0264 J**	**0.0306 J**	**0.0248 J**	**0.013 J**	**0.0264 J**
PCB-207	E1668C		**0.00402 J**	**0.0043 J**	**0.00368**	**0.00181**	**0.00345**
PCB-208	E1668C		**0.00489 J**	**0.00512 J**	**0.00452 J**	**0.00231**	**0.00436 J**
PCB-209	E1668C		**0.000929**	**0.0011**	**0.000944**	**0.000545**	**0.00101**
Total PCB Congener (U = 0 max limit)	Calculated		**13 J**	**14 J**	**13 J**	**7.5 J**	**11 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**13 J**	**14 J**	**13 J**	**7.5 J**	**11 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-08-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-09-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-10-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-02-ADLT-240919 2024-09-19 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**3.9 J**	**3.8 J**	**1.6 J**	**0.65 J**	**0.50 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		2.51 U	0.75 U	0.249 U	0.251 U	0.249 U
Aroclor 1221	SW8082A		2.51 U	0.75 U	0.249 U	0.251 U	0.249 U
Aroclor 1232	SW8082A		2.51 U	0.75 U	0.249 U	0.251 U	0.249 U
Aroclor 1242	SW8082A		2.51 U	0.75 U	0.249 U	0.251 U	0.249 U
Aroclor 1248	SW8082A		2.51 U	0.75 U	0.249 U	0.251 U	0.249 U
Aroclor 1254	SW8082A		**15.5**	**4.83**	**0.665**	0.251 U	0.249 U
Aroclor 1260	SW8082A		**43.2**	**10.5**	**1.4**	**2.09**	**1.74**
Total PCB Aroclors (U = 0 max limit)	Calculated		**58.7**	**15.3**	**2.1**	**2.09**	**1.74**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**60.8**	**15.9**	**2.3**	**2.34**	**1.99**
PCB Congeners (mg/kg)							
PCB-001	E1668C		**0.0000859**	**0.0000927**	**0.0000384**	--	--
PCB-002	E1668C		0.00000631 U	0.0000050 U	0.00000523 U	--	--
PCB-003	E1668C		0.00000712 U	0.00000551 U	0.00000576 U	--	--
PCB-004	E1668C		**0.00498 J**	**0.00524 J**	**0.00237**	--	--
PCB-005	E1668C		**0.0000052**	**0.00000697**	0.00000477 U	--	--
PCB-006	E1668C		**0.00047**	**0.000424**	**0.000206**	--	--
PCB-007	E1668C		**0.0000237 J**	**0.0000258**	**0.0000111**	--	--
PCB-008	E1668C		**0.000663**	**0.000622**	**0.000294**	--	--
PCB-009	E1668C		**0.00006 J**	**0.0000546**	**0.0000232**	--	--
PCB-010	E1668C		**0.000308**	**0.000378**	**0.000172**	--	--
PCB-011	E1668C		0.00000605 U	0.0000059 U	0.00000535 U	--	--
PCB-012/013	E1668C		**0.0000957**	**0.0000873**	**0.0000232 J**	--	--
PCB-014	E1668C		0.00000629 U	0.00000382 U	0.00000456 U	--	--
PCB-015	E1668C		**0.00031**	**0.000245**	**0.00011**	--	--
PCB-016	E1668C		**0.000844**	**0.000803**	**0.000361**	--	--
PCB-017	E1668C		**0.0101 J**	**0.0091 J**	**0.00347**	--	--
PCB-018/030	E1668C		**0.00366**	**0.00294**	**0.00136**	--	--
PCB-019	E1668C		**0.012 J**	**0.0113 J**	**0.00495 J**	--	--
PCB-020/028	E1668C		**0.0405 J**	**0.0226 J**	**0.00707**	--	--
PCB-021/033	E1668C		**0.0095 J**	**0.00599**	**0.00136**	--	--
PCB-022	E1668C		**0.00229**	**0.00137**	**0.000561**	--	--
PCB-023	E1668C		0.0000332 U	0.000014 U	0.00000999 U	--	--
PCB-024	E1668C		**0.0000412**	**0.0000416**	**0.0000198**	--	--
PCB-025	E1668C		**0.00679 J**	**0.00445 J**	**0.00164**	--	--
PCB-026/029	E1668C		**0.00945 J**	**0.00566**	**0.00217**	--	--
PCB-027	E1668C		**0.00544 J**	**0.00522 J**	**0.0021**	--	--
PCB-031	E1668C		**0.00941 J**	**0.00564 J**	**0.00241**	--	--
PCB-032	E1668C		**0.0164 J**	**0.0143 J**	**0.0053 J**	--	--
PCB-034	E1668C		**0.000375**	**0.000228**	**0.0000711**	--	--
PCB-035	E1668C		0.0000321 U	0.0000135 U	0.00000963 U	--	--
PCB-036	E1668C		0.0000277 U	0.0000117 U	0.00000834 U	--	--
PCB-037	E1668C		**0.000802**	**0.000474**	**0.000187**	--	--
PCB-038	E1668C		**0.000534**	**0.000225**	**0.0000461 J**	--	--
PCB-039	E1668C		0.0000307 U	**0.000068**	0.00000917 U	--	--
PCB-040/071	E1668C		**0.0603 J**	**0.047 J**	**0.011 J**	--	--
PCB-041	E1668C		0.0000158 U	0.0000167 U	0.00000992 U	--	--
PCB-042	E1668C		**0.0423 J**	**0.0233 J**	**0.00517 J**	--	--
PCB-043	E1668C		**0.000726**	**0.000517**	**0.000165**	--	--
PCB-044/047/065	E1668C		**0.877 J**	**0.558 J**	**0.127 J**	--	--
PCB-045	E1668C		0.0000133 U	0.0000165 U	0.0000098 U	--	--
PCB-046	E1668C		**0.00605 J**	**0.00571 J**	**0.00141**	--	--
PCB-048	E1668C		**0.00165**	**0.000916**	**0.000222**	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-08-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-09-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-10-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-02-ADLT-240919 2024-09-19 N TA
PCB-049/069	E1668C		**0.573 J**	**0.3 J**	**0.0608 J**	--	--
PCB-050/053	E1668C		**0.103 J**	**0.0813 J**	**0.02 J**	--	--
PCB-051	E1668C		**0.207 J**	**0.138 J**	**0.0283 J**	--	--
PCB-052	E1668C		**0.0818 J**	**0.0418 J**	**0.0143 J**	--	--
PCB-054	E1668C		**0.0115 J**	**0.0127 J**	**0.00404 J**	--	--
PCB-055	E1668C		0.000167 U	0.0000716 U	0.0000196 U	--	--
PCB-056	E1668C		**0.00469 J**	**0.00227**	**0.000714**	--	--
PCB-057	E1668C		**0.00092**	**0.000658**	**0.000215**	--	--
PCB-058	E1668C		**0.0029**	**0.000822**	**0.000177**	--	--
PCB-059/062/075	E1668C		**0.0251 J**	**0.0128 J**	**0.00267**	--	--
PCB-060	E1668C		**0.00206**	**0.000842**	**0.000175**	--	--
PCB-061/070/074/076	E1668C		**0.0775 J**	**0.0344 J**	**0.00805**	--	--
PCB-063	E1668C		**0.0131 J**	**0.00607 J**	**0.00133**	--	--
PCB-064	E1668C		**0.0186 J**	**0.00972 J**	**0.00211**	--	--
PCB-066	E1668C		**0.131 J**	**0.056 J**	**0.0115 J**	--	--
PCB-067	E1668C		**0.00459 J**	**0.00242**	**0.000523**	--	--
PCB-068	E1668C		**0.035 J**	**0.0156 J**	**0.00331**	--	--
PCB-072	E1668C		**0.0168 J**	**0.00752 J**	**0.00159**	--	--
PCB-073	E1668C		**0.0118 J**	**0.00755 J**	**0.00161**	--	--
PCB-077	E1668C		**0.0025**	**0.0015**	**0.000452**	--	--
PCB-078	E1668C		0.000181 U	0.000080 U	0.0000219 U	--	--
PCB-079	E1668C		**0.00568 J**	**0.00228**	**0.000453**	--	--
PCB-080	E1668C		0.000171 U	0.0000751 U	0.0000206 U	--	--
PCB-081	E1668C		0.000184 U	0.0000819 U	0.0000224 U	--	--
PCB-082	E1668C		**0.0279 J**	**0.0107 J**	**0.00191**	--	--
PCB-083	E1668C		**0.0466 J**	**0.0179 J**	**0.00182**	--	--
PCB-084	E1668C		**0.0562 J**	**0.0294 J**	**0.0055 J**	--	--
PCB-085/116	E1668C		**0.102 J**	**0.0344 J**	**0.00639**	--	--
PCB-086/087/097/109/119/125	E1668C		**0.529 J**	**0.197 J**	**0.0345 J**	--	--
PCB-088	E1668C		0.00222 U	0.00123 U	0.000233 U	--	--
PCB-089	E1668C		0.00192 U	0.00111 U	0.00021 U	--	--
PCB-090/101/113	E1668C		**1.03 J**	**0.637 J**	**0.127 J**	--	--
PCB-091	E1668C		**0.413 J**	**0.18 J**	**0.0291 J**	--	--
PCB-092	E1668C		**0.317 J**	**0.135 J**	**0.0291 J**	--	--
PCB-093/100	E1668C		**0.237 J**	**0.118 J**	**0.0206 J**	--	--
PCB-094	E1668C		**0.027 J**	**0.0198 J**	**0.00385**	--	--
PCB-095	E1668C		**0.377 J**	**0.202 J**	**0.0395 J**	--	--
PCB-096	E1668C		**0.0129 J**	**0.00893 J**	**0.00154**	--	--
PCB-098	E1668C		0.00176 U	**0.00242**	**0.000584**	--	--
PCB-099	E1668C		**0.691 J**	**0.281 J**	**0.0534 J**	--	--
PCB-102	E1668C		**0.0395 J**	**0.0213 J**	**0.00353**	--	--
PCB-103	E1668C		**0.0922 J**	**0.0469 J**	**0.00825 J**	--	--
PCB-104	E1668C		**0.00609 J**	**0.00468 J**	**0.000934**	--	--
PCB-105	E1668C		**0.141 J**	**0.0476 J**	**0.00824 J**	--	--
PCB-106	E1668C		0.0013 U	0.000785 U	0.000148 U	--	--
PCB-107	E1668C		**0.0863 J**	**0.0285 J**	**0.00552 J**	--	--
PCB-108/124	E1668C		**0.0223 J**	**0.0073**	**0.00177**	--	--
PCB-110	E1668C		**0.672 J**	**0.324 J**	**0.0578 J**	--	--
PCB-111	E1668C		**0.011 J**	**0.00335**	**0.000675**	--	--
PCB-112	E1668C		**0.00292**	**0.000695**	0.000134 U	--	--
PCB-114	E1668C		**0.0152 J**	**0.00359**	**0.00062**	--	--
PCB-115	E1668C		0.0012 U	0.000725 U	0.000137 U	--	--
PCB-117	E1668C		**0.085 J**	**0.0323 J**	**0.00581 J**	--	--
PCB-118	E1668C		**0.531 J**	**0.203 J**	**0.0363 J**	--	--
PCB-120	E1668C		**0.0261 J**	**0.00833 J**	**0.00164**	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-08-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-09-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-10-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-02-ADLT-240919 2024-09-19 N TA
PCB-121	E1668C		**0.00872 J**	**0.00273**	**0.000487**	--	--
PCB-122	E1668C		**0.00614 J**	**0.00164**	**0.000403**	--	--
PCB-123	E1668C		**0.0153 J**	**0.00406 J**	**0.000887**	--	--
PCB-126	E1668C		**0.0035**	**0.00112**	**0.000203**	--	--
PCB-127	E1668C		0.00169 U	0.000798 U	0.000148 U	--	--
PCB-128/166	E1668C		**0.308 J**	**0.105 J**	**0.0205 J**	--	--
PCB-129/138/163	E1668C		**0.486 J**	**0.495 J**	**0.219 J**	--	--
PCB-130	E1668C		**0.0748 J**	**0.0373 J**	**0.0104 J**	--	--
PCB-131	E1668C		**0.00413 J**	**0.00253**	**0.000741**	--	--
PCB-132	E1668C		**0.206 J**	**0.116 J**	**0.0286 J**	--	--
PCB-133	E1668C		**0.0382 J**	**0.0183 J**	**0.00517 J**	--	--
PCB-134	E1668C		**0.0374 J**	**0.0212 J**	**0.0057 J**	--	--
PCB-135/151	E1668C		**0.368 J**	**0.246 J**	**0.0635 J**	--	--
PCB-136	E1668C		**0.203 J**	**0.0894 J**	**0.0157 J**	--	--
PCB-137	E1668C		**0.0354 J**	**0.0124 J**	**0.00382**	--	--
PCB-139/140	E1668C		**0.0132 J**	**0.00746**	**0.00205**	--	--
PCB-141	E1668C		**0.243 J**	**0.132 J**	**0.0401 J**	--	--
PCB-142	E1668C		0.0000155 U	0.0000186 U	0.0000159 U	--	--
PCB-143	E1668C		0.000013 U	0.0000163 U	0.0000139 U	--	--
PCB-144	E1668C		**0.0517 J**	**0.0278 J**	**0.00749 J**	--	--
PCB-145	E1668C		0.0000208 U	**0.000128**	**0.0000179 J**	--	--
PCB-146	E1668C		**0.277 J**	**0.164 J**	**0.048 J**	--	--
PCB-147/149	E1668C		**0.399 J**	**0.437 J**	**0.166 J**	--	--
PCB-148	E1668C		**0.0098 J**	**0.00528 J**	**0.00141**	--	--
PCB-150	E1668C		**0.0271 J**	**0.00856 J**	**0.00136**	--	--
PCB-152	E1668C		**0.00674 J**	**0.00355**	**0.000655**	--	--
PCB-153/168	E1668C		**0.433 J**	**0.456 J**	**0.286 J**	--	--
PCB-154	E1668C		**0.0447 J**	**0.0258 J**	**0.00753 J**	--	--
PCB-155	E1668C		**0.00373**	**0.00112**	**0.000211**	--	--
PCB-156/157	E1668C		**0.226 J**	**0.064 J**	**0.0109 J**	--	--
PCB-158	E1668C		**0.104 J**	**0.0549 J**	**0.0152 J**	--	--
PCB-159	E1668C		**0.0493 J**	**0.0162 J**	**0.00323**	--	--
PCB-160	E1668C		0.0000105 U	0.0000146 U	0.0000124 U	--	--
PCB-161	E1668C		0.00000912 U	0.0000114 U	0.0000097 U	--	--
PCB-162	E1668C		**0.0237 J**	**0.00571 J**	**0.00123**	--	--
PCB-164	E1668C		**0.0855 J**	**0.0433 J**	**0.0122 J**	--	--
PCB-165	E1668C		0.0000107 U	**0.00274**	**0.000745**	--	--
PCB-167	E1668C		**0.191 J**	**0.0457 J**	**0.00877 J**	--	--
PCB-169	E1668C		**0.0151 J**	**0.00427 J**	**0.00104**	--	--
PCB-170	E1668C		**0.77 J**	**0.41 J**	**0.0849 J**	--	--
PCB-171/173	E1668C		**0.179 J**	**0.0776 J**	**0.0181 J**	--	--
PCB-172	E1668C		**0.151 J**	**0.0595 J**	**0.0145 J**	--	--
PCB-174	E1668C		**0.408 J**	**0.23 J**	**0.0545 J**	--	--
PCB-175	E1668C		**0.0303 J**	**0.0121 J**	**0.0028**	--	--
PCB-176	E1668C		**0.14 J**	**0.048 J**	**0.00737 J**	--	--
PCB-177	E1668C		**0.326 J**	**0.155 J**	**0.0318 J**	--	--
PCB-178	E1668C		**0.362 J**	**0.128 J**	**0.02 J**	--	--
PCB-179	E1668C		**0.3 J**	**0.125 J**	**0.0188 J**	--	--
PCB-180/193	E1668C		**0.685 J**	**0.593 J**	**0.202 J**	--	--
PCB-181	E1668C		**0.00376**	**0.00159**	**0.000381**	--	--
PCB-182	E1668C		0.000145 U	**0.00237**	**0.000491**	--	--
PCB-183	E1668C		**0.406 J**	**0.2 J**	**0.0451 J**	--	--
PCB-184	E1668C		**0.00111**	**0.00037**	**0.0000599**	--	--
PCB-185	E1668C		**0.0768 J**	**0.0351 J**	**0.0088 J**	--	--
PCB-186	E1668C		0.000014 U	0.0000105 U	0.00000929 U	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-08-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-09-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07D-01 HBMP-R07D-01WS-10-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-02-ADLT-240919 2024-09-19 N TA
PCB-187	E1668C		**0.469 J**	**0.411 J**	**0.104 J**	--	--
PCB-188	E1668C		**0.00689 J**	**0.00224**	**0.000342**	--	--
PCB-189	E1668C		**0.0678 J**	**0.0156 J**	**0.00279**	--	--
PCB-190	E1668C		**0.227 J**	**0.0934 J**	**0.0197 J**	--	--
PCB-191	E1668C		**0.032 J**	**0.0126 J**	**0.00306**	--	--
PCB-192	E1668C		0.000124 U	0.0000508 U	0.0000216 U	--	--
PCB-194	E1668C		**0.693 J**	**0.184 J**	**0.0275 J**	--	--
PCB-195	E1668C		**0.276 J**	**0.072 J**	**0.0109 J**	--	--
PCB-196	E1668C		**0.309 J**	**0.0841 J**	**0.0162 J**	--	--
PCB-197	E1668C		**0.021 J**	**0.00578 J**	**0.00121**	--	--
PCB-198/199	E1668C		**0.531 J**	**0.148 J**	**0.0288 J**	--	--
PCB-200	E1668C		**0.0466 J**	**0.0141 J**	**0.00305**	--	--
PCB-201	E1668C		**0.0649 J**	**0.0173 J**	**0.00334**	--	--
PCB-202	E1668C		**0.0716 J**	**0.0205 J**	**0.00409 J**	--	--
PCB-203	E1668C		**0.408 J**	**0.112 J**	**0.0219 J**	--	--
PCB-204	E1668C		**0.000164**	**0.0000488**	**0.00000852 J**	--	--
PCB-205	E1668C		**0.0408 J**	**0.0105 J**	**0.0016**	--	--
PCB-206	E1668C		**0.0819 J**	**0.0186 J**	**0.00371**	--	--
PCB-207	E1668C		**0.0118 J**	**0.00257**	**0.000551**	--	--
PCB-208	E1668C		**0.0146 J**	**0.00305**	**0.000669**	--	--
PCB-209	E1668C		**0.00276**	**0.000688**	**0.000179**	--	--
Total PCB Congener (U = 0 max limit)	Calculated		**19 J**	**10 J**	**2.6 J**	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		**19 J**	**10 J**	**2.6 J**	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-05-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-06-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-07-ADLT-240919 2024-09-19 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.90 J**	**1.3 J**	**0.69 J**	**1.1 J**	**0.93 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.25 U	0.749 U	0.125 U	0.251 U	0.251 U
Aroclor 1221	SW8082A		0.25 U	0.749 U	0.125 U	0.251 U	0.251 U
Aroclor 1232	SW8082A		0.25 U	0.749 U	0.125 U	0.251 U	0.251 U
Aroclor 1242	SW8082A		0.25 U	0.749 U	0.125 U	0.251 U	0.251 U
Aroclor 1248	SW8082A		0.25 U	0.749 U	0.125 U	0.251 U	0.251 U
Aroclor 1254	SW8082A		0.25 U	0.749 U	0.125 U	0.251 U	0.251 U
Aroclor 1260	SW8082A		**2.13**	**5.03**	**1.17**	**1.7**	**1.83**
Total PCB Aroclors (U = 0 max limit)	Calculated		**2.13**	**5.03**	**1.17**	**1.7**	**1.83**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**2.38**	**5.77**	**1.29**	**1.9**	**2.08**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-05-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-06-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-07-ADLT-240919 2024-09-19 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-05-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-06-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-07-ADLT-240919 2024-09-19 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-05-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-06-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-07-ADLT-240919 2024-09-19 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-08-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-09-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-10-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-ADLT-241003 2024-10-03 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.65 J**	**0.69 J**	**0.38 J**	**0.95 J**	**0.50 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.501 U	0.375 U	0.25 U	0.50 U	0.499 U
Aroclor 1221	SW8082A		0.501 U	0.375 U	0.25 U	0.50 U	0.499 U
Aroclor 1232	SW8082A		0.501 U	0.375 U	0.25 U	0.50 U	0.499 U
Aroclor 1242	SW8082A		0.501 U	0.375 U	0.25 U	0.50 U	0.499 U
Aroclor 1248	SW8082A		0.501 U	0.375 U	0.25 U	0.50 U	0.499 U
Aroclor 1254	SW8082A		0.501 U	0.375 U	0.25 U	0.50 U	0.499 U
Aroclor 1260	SW8082A		**2.32**	**2.39**	**1.59**	**3.5**	**2.76**
Total PCB Aroclors (U = 0 max limit)	Calculated		**2.32**	**2.39**	**1.59**	**3.5**	**2.76**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**2.81**	**2.76**	**1.84**	**4.0**	**3.25**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-08-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-09-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-10-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-ADLT-241003 2024-10-03 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-08-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-09-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-10-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-ADLT-241003 2024-10-03 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-08-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-09-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01BB-10-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-ADLT-241003 2024-10-03 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-ADLT-241029 2024-10-29 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-YOY-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-02-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-02-ADLT-241029 2024-10-29 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		0.61 U	**3.6 J**	**3.4 J**	**0.85 J**	0.44 U
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.50 U	1.25 U	0.499 U	0.376 U	0.249 U
Aroclor 1221	SW8082A		0.50 U	1.25 U	0.499 U	0.376 U	0.249 U
Aroclor 1232	SW8082A		0.50 U	1.25 U	0.499 U	0.376 U	0.249 U
Aroclor 1242	SW8082A		0.50 U	1.25 U	0.499 U	0.376 U	0.249 U
Aroclor 1248	SW8082A		0.50 U	1.25 U	0.499 U	0.376 U	0.249 U
Aroclor 1254	SW8082A		0.50 U	1.25 U	0.499 U	0.376 U	0.249 U
Aroclor 1260	SW8082A		**6.59**	**6.79**	**3.93**	**1.71**	**3.5**
Total PCB Aroclors (U = 0 max limit)	Calculated		**6.59**	**6.79**	**3.93**	**1.71**	**3.5**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**7.08**	**8.02**	**4.42**	**2.08**	**3.7**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-ADLT-241029 2024-10-29 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-YOY-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-02-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-02-ADLT-241029 2024-10-29 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-ADLT-241029 2024-10-29 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-YOY-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-02-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-02-ADLT-241029 2024-10-29 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-ADLT-241029 2024-10-29 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-01-YOY-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-02-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-02-ADLT-241029 2024-10-29 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-02-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-02-YOY-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-03-ADLT-241029 2024-10-29 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-03-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-03-YOY-241003 2024-10-03 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**3.4 J**	**2.6 J**	0.43 U	**3.1 J**	**3.0 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.50 U	0.499 U	0.125 U	0.502 U	0.747 U
Aroclor 1221	SW8082A		0.50 U	0.499 U	0.125 U	0.502 U	0.747 U
Aroclor 1232	SW8082A		0.50 U	0.499 U	0.125 U	0.502 U	0.747 U
Aroclor 1242	SW8082A		0.50 U	0.499 U	0.125 U	0.502 U	0.747 U
Aroclor 1248	SW8082A		0.50 U	0.499 U	0.125 U	0.502 U	0.747 U
Aroclor 1254	SW8082A		0.50 U	0.499 U	0.125 U	0.502 U	0.747 U
Aroclor 1260	SW8082A		**5.4**	**4.06**	**0.723**	**4.86**	**4.98**
Total PCB Aroclors (U = 0 max limit)	Calculated		**5.4**	**4.06**	**0.723**	**4.86**	**4.98**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**5.9**	**4.55**	**0.846**	**5.36**	**5.71**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-02-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-02-YOY-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-03-ADLT-241029 2024-10-29 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-03-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-03-YOY-241003 2024-10-03 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-02-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-02-YOY-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-03-ADLT-241029 2024-10-29 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-03-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-03-YOY-241003 2024-10-03 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-02-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-02-YOY-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-03-ADLT-241029 2024-10-29 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-03-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-03-YOY-241003 2024-10-03 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-04-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-05-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-01-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-01-ADLT-241029 2024-10-29 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**2.6 J**	**2.5 J**	**0.43 J**	**0.42 J**	0.52 U
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.501 U	0.751 U	0.25 U	0.375 U	0.125 U
Aroclor 1221	SW8082A		0.501 U	0.751 U	0.25 U	0.375 U	0.125 U
Aroclor 1232	SW8082A		0.501 U	0.751 U	0.25 U	0.375 U	0.125 U
Aroclor 1242	SW8082A		0.501 U	0.751 U	0.25 U	0.375 U	0.125 U
Aroclor 1248	SW8082A		0.501 U	0.751 U	0.25 U	0.375 U	0.125 U
Aroclor 1254	SW8082A		0.501 U	0.751 U	0.25 U	0.375 U	0.125 U
Aroclor 1260	SW8082A		**4.85**	**5.69**	**1.64**	**2.58**	**1.49**
Total PCB Aroclors (U = 0 max limit)	Calculated		**4.85**	**5.69**	**1.64**	**2.58**	**1.49**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**5.35**	**6.43**	**1.89**	**2.95**	**1.61**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-04-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-05-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-01-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-01-ADLT-241029 2024-10-29 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-04-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-05-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-01-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-01-ADLT-241029 2024-10-29 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-04-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01LB-05-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-01-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-01-ADLT-241029 2024-10-29 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-02-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-03-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-04-ADLT-240919 2024-09-19 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.73 J**	**0.41 J**	**0.60 J**	**0.38 J**	**0.61 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.251 U	0.50 U	0.25 U	0.125 U	0.251 U
Aroclor 1221	SW8082A		0.251 U	0.50 U	0.25 U	0.125 U	0.251 U
Aroclor 1232	SW8082A		0.251 U	0.50 U	0.25 U	0.125 U	0.251 U
Aroclor 1242	SW8082A		0.251 U	0.50 U	0.25 U	0.125 U	0.251 U
Aroclor 1248	SW8082A		0.251 U	0.50 U	0.25 U	0.125 U	0.251 U
Aroclor 1254	SW8082A		0.251 U	0.50 U	0.25 U	0.125 U	0.251 U
Aroclor 1260	SW8082A		**1.73**	**2.6**	**2.02**	**1.17**	**1.84**
Total PCB Aroclors (U = 0 max limit)	Calculated		**1.73**	**2.6**	**2.02**	**1.17**	**1.84**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**1.98**	**3.1**	**2.27**	**1.29**	**2.09**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-02-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-03-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-04-ADLT-240919 2024-09-19 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-02-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-03-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-04-ADLT-240919 2024-09-19 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-02-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-03-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R07G-01 HBMP-R07G-01YP-04-ADLT-240919 2024-09-19 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01BB-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01BB-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01BB-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01BB-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-01-ADLT-240919 2024-09-19 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.5 J**	**0.86 J**	**0.49 J**	**1.1 J**	**0.73 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.501 U	0.50 U	0.125 U	0.25 U	0.499 U
Aroclor 1221	SW8082A		0.501 U	0.50 U	0.125 U	0.25 U	0.499 U
Aroclor 1232	SW8082A		0.501 U	0.50 U	0.125 U	0.25 U	0.499 U
Aroclor 1242	SW8082A		0.501 U	0.50 U	0.125 U	0.25 U	0.499 U
Aroclor 1248	SW8082A		0.501 U	0.50 U	0.125 U	0.25 U	0.499 U
Aroclor 1254	SW8082A		0.501 U	0.50 U	0.125 U	0.25 U	0.499 U
Aroclor 1260	SW8082A		**3.34**	**2.17**	**0.915**	**1.05**	**4.08**
Total PCB Aroclors (U = 0 max limit)	Calculated		**3.34**	**2.17**	**0.915**	**1.05**	**4.08**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**3.83**	**2.66**	**1.04**	**1.30**	**4.57**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	0.00000632 U
PCB-002	E1668C		--	--	--	--	0.00000648 U
PCB-003	E1668C		--	--	--	--	0.00000725 U
PCB-004	E1668C		--	--	--	--	**0.000171**
PCB-005	E1668C		--	--	--	--	0.00000434 U
PCB-006	E1668C		--	--	--	--	**0.0000254**
PCB-007	E1668C		--	--	--	--	0.00000422 U
PCB-008	E1668C		--	--	--	--	**0.000034 J**
PCB-009	E1668C		--	--	--	--	0.00000377 U
PCB-010	E1668C		--	--	--	--	0.00000292 U
PCB-011	E1668C		--	--	--	--	0.00000376 U
PCB-012/013	E1668C		--	--	--	--	0.00000417 U
PCB-014	E1668C		--	--	--	--	0.00000412 U
PCB-015	E1668C		--	--	--	--	0.00000383 U
PCB-016	E1668C		--	--	--	--	**0.0000533**
PCB-017	E1668C		--	--	--	--	**0.000688**
PCB-018/030	E1668C		--	--	--	--	**0.000359**
PCB-019	E1668C		--	--	--	--	**0.000588**
PCB-020/028	E1668C		--	--	--	--	**0.00243**
PCB-021/033	E1668C		--	--	--	--	**0.00049**
PCB-022	E1668C		--	--	--	--	**0.000154**
PCB-023	E1668C		--	--	--	--	0.0000139 U
PCB-024	E1668C		--	--	--	--	0.00000655 U
PCB-025	E1668C		--	--	--	--	**0.000437**
PCB-026/029	E1668C		--	--	--	--	**0.000975**
PCB-027	E1668C		--	--	--	--	**0.000404**
PCB-031	E1668C		--	--	--	--	**0.000721**
PCB-032	E1668C		--	--	--	--	**0.000855**
PCB-034	E1668C		--	--	--	--	**0.0000485**
PCB-035	E1668C		--	--	--	--	0.0000138 U
PCB-036	E1668C		--	--	--	--	0.0000118 U
PCB-037	E1668C		--	--	--	--	**0.0000259 J**
PCB-038	E1668C		--	--	--	--	**0.0000521**
PCB-039	E1668C		--	--	--	--	0.000013 U
PCB-040/071	E1668C		--	--	--	--	**0.00563**
PCB-041	E1668C		--	--	--	--	0.00000802 U
PCB-042	E1668C		--	--	--	--	**0.00371**
PCB-043	E1668C		--	--	--	--	**0.00012**
PCB-044/047/065	E1668C		--	--	--	--	**0.121 J**
PCB-045	E1668C		--	--	--	--	0.00000816 U
PCB-046	E1668C		--	--	--	--	**0.000399**
PCB-048	E1668C		--	--	--	--	**0.000186**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01BB-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01BB-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01BB-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01BB-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-01-ADLT-240919 2024-09-19 N TA
PCB-049/069	E1668C		--	--	--	--	**0.0513 J**
PCB-050/053	E1668C		--	--	--	--	**0.00714**
PCB-051	E1668C		--	--	--	--	**0.0104 J**
PCB-052	E1668C		--	--	--	--	**0.0277 J**
PCB-054	E1668C		--	--	--	--	**0.000642**
PCB-055	E1668C		--	--	--	--	0.0000272 U
PCB-056	E1668C		--	--	--	--	**0.000618**
PCB-057	E1668C		--	--	--	--	**0.000204**
PCB-058	E1668C		--	--	--	--	0.0000258 U
PCB-059/062/075	E1668C		--	--	--	--	**0.00257**
PCB-060	E1668C		--	--	--	--	**0.000195**
PCB-061/070/074/076	E1668C		--	--	--	--	**0.00747**
PCB-063	E1668C		--	--	--	--	**0.00135**
PCB-064	E1668C		--	--	--	--	**0.00185**
PCB-066	E1668C		--	--	--	--	**0.0134 J**
PCB-067	E1668C		--	--	--	--	0.0000261 U
PCB-068	E1668C		--	--	--	--	**0.00372**
PCB-072	E1668C		--	--	--	--	**0.00213**
PCB-073	E1668C		--	--	--	--	**0.000776**
PCB-077	E1668C		--	--	--	--	**0.000232**
PCB-078	E1668C		--	--	--	--	0.0000308 U
PCB-079	E1668C		--	--	--	--	**0.000987**
PCB-080	E1668C		--	--	--	--	0.0000277 U
PCB-081	E1668C		--	--	--	--	0.0000335 U
PCB-082	E1668C		--	--	--	--	**0.00217**
PCB-083	E1668C		--	--	--	--	0.000097 U
PCB-084	E1668C		--	--	--	--	0.000104 U
PCB-085/116	E1668C		--	--	--	--	**0.0116 J**
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	**0.0428 J**
PCB-088	E1668C		--	--	--	--	0.0000904 U
PCB-089	E1668C		--	--	--	--	0.000085 U
PCB-090/101/113	E1668C		--	--	--	--	**0.183 J**
PCB-091	E1668C		--	--	--	--	**0.0263 J**
PCB-092	E1668C		--	--	--	--	**0.0434 J**
PCB-093/100	E1668C		--	--	--	--	**0.0212 J**
PCB-094	E1668C		--	--	--	--	**0.00111**
PCB-095	E1668C		--	--	--	--	**0.045 J**
PCB-096	E1668C		--	--	--	--	**0.000588**
PCB-098	E1668C		--	--	--	--	0.0000861 U
PCB-099	E1668C		--	--	--	--	**0.0885 J**
PCB-102	E1668C		--	--	--	--	**0.00185**
PCB-103	E1668C		--	--	--	--	**0.0084 J**
PCB-104	E1668C		--	--	--	--	**0.000478**
PCB-105	E1668C		--	--	--	--	**0.0165 J**
PCB-106	E1668C		--	--	--	--	0.0000626 U
PCB-107	E1668C		--	--	--	--	**0.00822 J**
PCB-108/124	E1668C		--	--	--	--	**0.00215**
PCB-110	E1668C		--	--	--	--	**0.0759 J**
PCB-111	E1668C		--	--	--	--	**0.00102**
PCB-112	E1668C		--	--	--	--	0.0000543 U
PCB-114	E1668C		--	--	--	--	**0.00154**
PCB-115	E1668C		--	--	--	--	0.0000525 U
PCB-117	E1668C		--	--	--	--	**0.00616 J**
PCB-118	E1668C		--	--	--	--	**0.0646 J**
PCB-120	E1668C		--	--	--	--	**0.00298**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01BB-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01BB-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01BB-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01BB-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-01-ADLT-240919 2024-09-19 N TA
PCB-121	E1668C		--	--	--	--	**0.000554**
PCB-122	E1668C		--	--	--	--	**0.00055**
PCB-123	E1668C		--	--	--	--	**0.00126**
PCB-126	E1668C		--	--	--	--	**0.000262**
PCB-127	E1668C		--	--	--	--	0.0000603 U
PCB-128/166	E1668C		--	--	--	--	**0.048 J**
PCB-129/138/163	E1668C		--	--	--	--	**0.353 J**
PCB-130	E1668C		--	--	--	--	**0.0175 J**
PCB-131	E1668C		--	--	--	--	**0.00073**
PCB-132	E1668C		--	--	--	--	**0.0267 J**
PCB-133	E1668C		--	--	--	--	**0.00867 J**
PCB-134	E1668C		--	--	--	--	**0.00648 J**
PCB-135/151	E1668C		--	--	--	--	**0.0816 J**
PCB-136	E1668C		--	--	--	--	**0.017 J**
PCB-137	E1668C		--	--	--	--	**0.00568 J**
PCB-139/140	E1668C		--	--	--	--	**0.00327**
PCB-141	E1668C		--	--	--	--	**0.0608 J**
PCB-142	E1668C		--	--	--	--	0.00000594 U
PCB-143	E1668C		--	--	--	--	0.00000516 U
PCB-144	E1668C		--	--	--	--	**0.0102 J**
PCB-145	E1668C		--	--	--	--	0.00000554 U
PCB-146	E1668C		--	--	--	--	**0.0807 J**
PCB-147/149	E1668C		--	--	--	--	**0.207 J**
PCB-148	E1668C		--	--	--	--	**0.00193**
PCB-150	E1668C		--	--	--	--	**0.00181**
PCB-152	E1668C		--	--	--	--	**0.000586**
PCB-153/168	E1668C		--	--	--	--	**0.411 J**
PCB-154	E1668C		--	--	--	--	0.00000505 U
PCB-155	E1668C		--	--	--	--	**0.00039**
PCB-156/157	E1668C		--	--	--	--	**0.0215 J**
PCB-158	E1668C		--	--	--	--	**0.0234 J**
PCB-159	E1668C		--	--	--	--	**0.00495 J**
PCB-160	E1668C		--	--	--	--	0.00000446 U
PCB-161	E1668C		--	--	--	--	0.0000038 U
PCB-162	E1668C		--	--	--	--	**0.00245**
PCB-164	E1668C		--	--	--	--	**0.0141 J**
PCB-165	E1668C		--	--	--	--	**0.00133**
PCB-167	E1668C		--	--	--	--	**0.0178 J**
PCB-169	E1668C		--	--	--	--	**0.00334**
PCB-170	E1668C		--	--	--	--	**0.165 J**
PCB-171/173	E1668C		--	--	--	--	**0.0347 J**
PCB-172	E1668C		--	--	--	--	**0.0284 J**
PCB-174	E1668C		--	--	--	--	**0.0686 J**
PCB-175	E1668C		--	--	--	--	**0.00545 J**
PCB-176	E1668C		--	--	--	--	**0.011 J**
PCB-177	E1668C		--	--	--	--	**0.0612 J**
PCB-178	E1668C		--	--	--	--	**0.051 J**
PCB-179	E1668C		--	--	--	--	**0.0237 J**
PCB-180/193	E1668C		--	--	--	--	**0.365 J**
PCB-181	E1668C		--	--	--	--	**0.000723**
PCB-182	E1668C		--	--	--	--	**0.00114**
PCB-183	E1668C		--	--	--	--	**0.0866 J**
PCB-184	E1668C		--	--	--	--	**0.000142**
PCB-185	E1668C		--	--	--	--	**0.014 J**
PCB-186	E1668C		--	--	--	--	0.00000456 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01BB-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01BB-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01BB-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01BB-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-01-ADLT-240919 2024-09-19 N TA
PCB-187	E1668C		--	--	--	--	**0.234 J**
PCB-188	E1668C		--	--	--	--	**0.000794**
PCB-189	E1668C		--	--	--	--	**0.00638 J**
PCB-190	E1668C		--	--	--	--	**0.0391 J**
PCB-191	E1668C		--	--	--	--	**0.00548 J**
PCB-192	E1668C		--	--	--	--	0.0000347 U
PCB-194	E1668C		--	--	--	--	**0.0671 J**
PCB-195	E1668C		--	--	--	--	**0.0286 J**
PCB-196	E1668C		--	--	--	--	**0.0419 J**
PCB-197	E1668C		--	--	--	--	**0.00333**
PCB-198/199	E1668C		--	--	--	--	**0.0858 J**
PCB-200	E1668C		--	--	--	--	**0.00342**
PCB-201	E1668C		--	--	--	--	**0.00934 J**
PCB-202	E1668C		--	--	--	--	**0.0113 J**
PCB-203	E1668C		--	--	--	--	**0.0542 J**
PCB-204	E1668C		--	--	--	--	**0.0000277**
PCB-205	E1668C		--	--	--	--	**0.0039 J**
PCB-206	E1668C		--	--	--	--	**0.0114 J**
PCB-207	E1668C		--	--	--	--	**0.00152**
PCB-208	E1668C		--	--	--	--	**0.00162**
PCB-209	E1668C		--	--	--	--	**0.000508**
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	**3.9 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	**3.9 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-01-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01WS-01-ADLT-250102 2025-01-02 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.43 J**	**0.40 J**	**1.3 J**	**0.50 J**	**2.3 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.375 U	0.50 U	0.753 U	0.747 U	0.50 U
Aroclor 1221	SW8082A		0.375 U	0.50 U	0.753 U	0.747 U	0.50 U
Aroclor 1232	SW8082A		0.375 U	0.50 U	0.753 U	0.747 U	0.50 U
Aroclor 1242	SW8082A		0.375 U	0.50 U	0.753 U	0.747 U	0.50 U
Aroclor 1248	SW8082A		0.375 U	0.50 U	0.753 U	0.747 U	0.50 U
Aroclor 1254	SW8082A		0.375 U	0.50 U	0.753 U	0.747 U	**2.5**
Aroclor 1260	SW8082A		**3.22**	**4.86**	**5.92**	**6.05**	**5.17**
Total PCB Aroclors (U = 0 max limit)	Calculated		**3.22**	**4.86**	**5.92**	**6.05**	**7.7**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**3.59**	**5.35**	**6.66**	**6.79**	**8.1**
PCB Congeners (mg/kg)							
PCB-001	E1668C		0.0000141 U	0.00000668 U	0.000011 U	0.00000989 U	0.0000121 U
PCB-002	E1668C		0.0000131 U	0.00000599 U	0.00000933 U	0.00000877 U	0.0000124 U
PCB-003	E1668C		0.0000152 U	0.00000671 U	0.0000108 U	0.0000102 U	0.0000144 U
PCB-004	E1668C		**0.000208 J**	**0.000104**	**0.000896**	**0.000355**	**0.00153**
PCB-005	E1668C		0.0000112 U	0.00000648 U	0.0000103 U	0.0000115 U	0.0000114 U
PCB-006	E1668C		**0.0000369**	**0.0000205**	**0.0000578 J**	**0.0000288**	**0.000126**
PCB-007	E1668C		0.0000109 U	0.0000063 U	**0.00000528**	0.0000111 U	0.000011 U
PCB-008	E1668C		**0.0000601 J**	**0.0000298 J**	**0.000092 J**	**0.0000508 J**	**0.000152**
PCB-009	E1668C		0.00000973 U	0.00000563 U	**0.00000814**	0.00000998 U	**0.0000226**
PCB-010	E1668C		**0.0000177**	**0.00000755**	**0.0000593**	**0.0000204**	**0.000101**
PCB-011	E1668C		0.0000102 U	0.00000562 U	0.0000093 U	0.0000104 U	0.0000103 U
PCB-012/013	E1668C		0.0000115 U	**0.00000871**	**0.0000207**	0.0000118 U	**0.0000379 J**
PCB-014	E1668C		0.0000111 U	0.00000614 U	0.0000102 U	0.0000114 U	0.0000112 U
PCB-015	E1668C		**0.000014**	**0.00000709**	**0.0000347**	**0.0000139**	**0.0000671**
PCB-016	E1668C		**0.0000574**	**0.0000478**	**0.000143**	**0.0000696**	**0.00024**
PCB-017	E1668C		**0.000574**	**0.000661**	**0.0017**	**0.000897**	**0.00309**
PCB-018/030	E1668C		**0.000318**	**0.000309**	**0.00093**	**0.000486**	**0.000917**
PCB-019	E1668C		**0.000508**	**0.000435**	**0.002**	**0.00096**	**0.00331**
PCB-020/028	E1668C		**0.00354**	**0.0034**	**0.00598**	**0.00285**	**0.0132 J**
PCB-021/033	E1668C		**0.000594**	**0.000824**	**0.00102**	**0.000573**	**0.00285**
PCB-022	E1668C		**0.000214**	**0.000205**	**0.000351**	**0.000174**	**0.000596**
PCB-023	E1668C		0.0000241 U	0.0000135 U	0.0000188 U	0.000015 U	0.0000343 U
PCB-024	E1668C		0.0000151 U	0.00000659 U	0.0000148 U	0.0000143 U	0.00000838 U
PCB-025	E1668C		**0.000875**	**0.000899**	**0.00158**	**0.00051**	**0.00203**
PCB-026/029	E1668C		**0.00134**	**0.00131**	**0.00206**	**0.00103**	**0.0027**
PCB-027	E1668C		**0.00037**	**0.000432**	**0.00111**	**0.000584**	**0.00177**
PCB-031	E1668C		**0.00108**	**0.000707**	**0.0016**	**0.000736**	**0.00292**
PCB-032	E1668C		**0.000735**	**0.00108**	**0.00237**	**0.00124**	**0.0045 J**
PCB-034	E1668C		**0.0000753**	**0.0000557**	**0.0000619**	**0.0000362 J**	**0.000136**
PCB-035	E1668C		0.0000244 U	0.0000134 U	0.0000191 U	0.0000152 U	0.0000347 U
PCB-036	E1668C		0.0000208 U	0.0000115 U	0.0000163 U	0.000013 U	0.0000296 U
PCB-037	E1668C		**0.000072**	**0.0000565**	0.0000192 U	0.0000154 U	**0.000214**
PCB-038	E1668C		**0.0000235**	**0.0000777**	**0.0000829**	**0.0000596**	**0.000168**
PCB-039	E1668C		0.0000228 U	0.0000126 U	0.0000178 U	0.0000142 U	0.0000325 U
PCB-040/071	E1668C		**0.00521**	**0.00862 J**	**0.0146 J**	**0.00833 J**	**0.0256 J**
PCB-041	E1668C		0.0000252 U	0.0000104 U	0.0000288 U	0.0000203 U	0.0000206 U
PCB-042	E1668C		**0.00372**	**0.00431 J**	**0.00818 J**	**0.00453 J**	**0.0141 J**
PCB-043	E1668C		**0.000127**	**0.000175**	0.0000225 U	0.0000159 U	**0.000274**
PCB-044/047/065	E1668C		**0.119 J**	**0.188 J**	**0.308 J**	**0.179 J**	**0.444 J**
PCB-045	E1668C		**0.000802**	0.0000106 U	**0.00417 J**	0.0000208 U	0.0000211 U
PCB-046	E1668C		**0.000464**	**0.000565**	**0.00116**	**0.000481**	**0.0024**
PCB-048	E1668C		**0.000192**	**0.000252**	**0.000458**	**0.000218**	**0.000613**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-01-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01WS-01-ADLT-250102 2025-01-02 N TA
PCB-049/069	E1668C		**0.0572 J**	**0.0731 J**	**0.133 J**	**0.0675 J**	**0.211 J**
PCB-050/053	E1668C		**0.00791**	**0.0104 J**	**0.0244 J**	**0.0105 J**	**0.0446 J**
PCB-051	E1668C		**0.00958 J**	**0.016 J**	**0.0256 J**	**0.013 J**	**0.0666 J**
PCB-052	E1668C		**0.0293 J**	**0.0368 J**	**0.0631 J**	**0.0299 J**	**0.0225 J**
PCB-054	E1668C		**0.000811**	**0.000672**	**0.00219**	**0.000796**	**0.00431 J**
PCB-055	E1668C		0.0000673 U	0.0000405 U	0.0000542 U	0.000079 U	0.0000782 U
PCB-056	E1668C		**0.000613**	**0.00057**	**0.00105**	**0.000554**	**0.00145**
PCB-057	E1668C		**0.000204**	**0.000283**	**0.000485**	**0.00026 J**	**0.000408**
PCB-058	E1668C		**0.000343**	**0.000742**	**0.000745**	**0.000427**	**0.00112**
PCB-059/062/075	E1668C		**0.00252**	**0.00384**	**0.00657**	**0.00369**	**0.00948**
PCB-060	E1668C		**0.000171**	**0.000262**	**0.00045**	**0.000271 J**	**0.000595**
PCB-061/070/074/076	E1668C		**0.00814**	**0.00745**	**0.0148**	**0.00822**	**0.0256 J**
PCB-063	E1668C		**0.00133**	**0.0019**	**0.00365**	**0.00221**	**0.00458 J**
PCB-064	E1668C		**0.00187**	**0.00239**	**0.00402 J**	**0.00213**	**0.00641 J**
PCB-066	E1668C		**0.0131 J**	**0.0181 J**	**0.0323 J**	**0.021 J**	**0.0435 J**
PCB-067	E1668C		**0.000871**	**0.00142**	**0.00192**	**0.00157**	**0.00199**
PCB-068	E1668C		**0.00411 J**	**0.00515 J**	**0.00926 J**	**0.00571 J**	**0.0119 J**
PCB-072	E1668C		**0.00232**	**0.00268**	**0.00488 J**	**0.00293**	**0.00635 J**
PCB-073	E1668C		**0.000988**	**0.00164**	**0.00263**	**0.00141**	**0.00547 J**
PCB-077	E1668C		**0.000314**	**0.000236**	**0.000645**	**0.00033**	**0.000908**
PCB-078	E1668C		0.0000731 U	**0.000199**	0.0000589 U	0.0000858 U	**0.00036**
PCB-079	E1668C		**0.000838**	**0.00107**	**0.00151**	**0.00149**	**0.00187**
PCB-080	E1668C		0.0000683 U	**0.0029**	0.000055 U	**0.00359**	0.0000793 U
PCB-081	E1668C		0.0000795 U	0.0000499 U	0.0000641 U	0.0000933 U	0.0000923 U
PCB-082	E1668C		**0.00228**	**0.00199**	**0.00415 J**	**0.00368**	**0.00609 J**
PCB-083	E1668C		**0.00289**	**0.00233**	**0.00277**	**0.00446 J**	**0.0136 J**
PCB-084	E1668C		**0.00422 J**	**0.0038**	**0.00797 J**	**0.00512 J**	**0.0148 J**
PCB-085/116	E1668C		**0.0123 J**	**0.0116 J**	**0.0215 J**	**0.022 J**	**0.0238 J**
PCB-086/087/097/109/119/125	E1668C		**0.0446 J**	**0.0501 J**	**0.0964 J**	**0.0873 J**	**0.13 J**
PCB-088	E1668C		0.0000232 U	0.000104 U	0.0000422 U	0.0000181 U	0.0000336 U
PCB-089	E1668C		**0.0000807 J**	0.0000975 U	**0.000144**	0.0000156 U	**0.000305**
PCB-090/101/113	E1668C		**0.195 J**	**0.219 J**	**0.388 J**	**0.35 J**	**0.437 J**
PCB-091	E1668C		**0.0294 J**	**0.0338 J**	**0.06 J**	**0.0478 J**	**0.104 J**
PCB-092	E1668C		**0.0445 J**	**0.0524 J**	**0.0972 J**	**0.0858 J**	**0.083 J**
PCB-093/100	E1668C		**0.0215 J**	**0.0328 J**	**0.0591 J**	**0.0544 J**	**0.0724 J**
PCB-094	E1668C		**0.00178**	**0.00191**	**0.00502 J**	**0.00255**	**0.0108 J**
PCB-095	E1668C		**0.0545 J**	**0.0524 J**	**0.0968 J**	**0.0653 J**	**0.123 J**
PCB-096	E1668C		**0.000613**	**0.000959**	**0.00185**	**0.00104**	**0.00455 J**
PCB-098	E1668C		**0.000626**	**0.000578**	**0.000773**	**0.000844**	**0.00208**
PCB-099	E1668C		**0.0741 J**	**0.108 J**	**0.159 J**	**0.156 J**	**0.182 J**
PCB-102	E1668C		**0.0018**	**0.00273**	**0.00566 J**	**0.00395 J**	**0.0104 J**
PCB-103	E1668C		**0.00965 J**	**0.0111 J**	**0.0221 J**	**0.0184 J**	**0.0291 J**
PCB-104	E1668C		**0.000438**	**0.000518**	**0.00111**	**0.0006**	**0.00245**
PCB-105	E1668C		**0.0193 J**	**0.0238 J**	**0.038 J**	**0.0353 J**	**0.0387 J**
PCB-106	E1668C		0.0000133 U	0.0000719 U	0.0000243 U	0.0000104 U	0.0000194 U
PCB-107	E1668C		**0.00856 J**	**0.00979 J**	**0.0197 J**	**0.019 J**	**0.0203 J**
PCB-108/124	E1668C		**0.00228**	**0.00217**	**0.00468**	**0.00361**	**0.00536**
PCB-110	E1668C		**0.0826 J**	**0.0842 J**	**0.162 J**	**0.137 J**	**0.241 J**
PCB-111	E1668C		**0.00116**	**0.00137**	**0.00266**	**0.00259**	**0.00284**
PCB-112	E1668C		**0.00023**	**0.000183**	**0.000565**	**0.00047**	0.0000184 U
PCB-114	E1668C		**0.00171**	**0.00195**	**0.00323**	**0.00361**	**0.00297**
PCB-115	E1668C		0.0000112 U	0.0000603 U	0.0000204 U	0.00000875 U	0.0000163 U
PCB-117	E1668C		**0.00569 J**	**0.00813 J**	**0.0166 J**	**0.0136 J**	**0.02 J**
PCB-118	E1668C		**0.0645 J**	**0.0828 J**	**0.141 J**	**0.147 J**	**0.15 J**
PCB-120	E1668C		**0.00291**	**0.00331**	**0.00593 J**	**0.00634 J**	**0.00605 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-01-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01WS-01-ADLT-250102 2025-01-02 N TA
PCB-121	E1668C		**0.000727**	**0.000812**	**0.00172**	**0.00158**	**0.00221**
PCB-122	E1668C		0.0000227 U	**0.000626**	**0.00129**	**0.000997**	**0.00133**
PCB-123	E1668C		**0.00147**	**0.00167**	**0.00331**	**0.0031**	**0.00352**
PCB-126	E1668C		**0.000355**	**0.00044**	**0.000764**	**0.00062**	**0.000707**
PCB-127	E1668C		0.0000173 U	0.0000742 U	**0.000995**	0.000015 U	**0.000957**
PCB-128/166	E1668C		**0.0338 J**	**0.0619 J**	**0.0688 J**	**0.076 J**	**0.0652 J**
PCB-129/138/163	E1668C		**0.453 J**	**0.392 J**	**0.576 J**	**0.637 J**	**0.629 J**
PCB-130	E1668C		**0.023 J**	**0.0153 J**	**0.0285 J**	**0.0306 J**	**0.033 J**
PCB-131	E1668C		**0.00128**	**0.000676**	0.0000348 U	0.0000278 U	**0.00196**
PCB-132	E1668C		**0.0431 J**	**0.0235 J**	**0.0486 J**	**0.0439 J**	**0.0881 J**
PCB-133	E1668C		**0.0114 J**	**0.00955 J**	**0.0162 J**	**0.0174 J**	**0.0168 J**
PCB-134	E1668C		0.0000454 U	**0.00556 J**	0.0000372 U	**0.00978 J**	**0.0154 J**
PCB-135/151	E1668C		**0.122 J**	**0.0861 J**	**0.155 J**	**0.147 J**	**0.198 J**
PCB-136	E1668C		**0.0167 J**	**0.0221 J**	**0.0376 J**	**0.0239 J**	**0.0463 J**
PCB-137	E1668C		**0.00828 J**	**0.00671 J**	**0.0116 J**	0.000025 U	**0.0113 J**
PCB-139/140	E1668C		**0.00478**	**0.00292**	**0.00537**	**0.00671**	**0.00636**
PCB-141	E1668C		**0.0811 J**	**0.0679 J**	**0.121 J**	**0.119 J**	**0.114 J**
PCB-142	E1668C		0.0000417 U	0.00000901 U	0.0000341 U	0.0000272 U	0.0000244 U
PCB-143	E1668C		**0.00728 J**	0.00000782 U	**0.00912 J**	0.000026 U	0.0000232 U
PCB-144	E1668C		**0.0147 J**	**0.00938 J**	**0.0193 J**	**0.0201 J**	**0.0229 J**
PCB-145	E1668C		0.0000215 U	0.0000134 U	0.0000328 U	**0.0000208 J**	**0.0000737**
PCB-146	E1668C		**0.0994 J**	**0.0853 J**	**0.134 J**	**0.15 J**	**0.138 J**
PCB-147/149	E1668C		**0.306 J**	**0.224 J**	**0.348 J**	**0.345 J**	**0.479 J**
PCB-148	E1668C		**0.00278**	**0.00197**	**0.00371**	**0.00417 J**	**0.00468 J**
PCB-150	E1668C		**0.00182**	**0.00278**	**0.0046 J**	**0.0045 J**	**0.00499 J**
PCB-152	E1668C		**0.000502**	**0.0011**	**0.00177**	**0.00137**	**0.00185**
PCB-153/168	E1668C		**0.544 J**	**0.455 J**	**0.678 J**	**0.722 J**	**0.73 J**
PCB-154	E1668C		**0.014 J**	**0.0112 J**	**0.0214 J**	**0.0233 J**	**0.022 J**
PCB-155	E1668C		**0.000302**	**0.000639**	**0.000991**	**0.0011**	**0.000719**
PCB-156/157	E1668C		**0.018 J**	**0.035 J**	**0.056 J**	**0.0569 J**	**0.0442 J**
PCB-158	E1668C		**0.0311 J**	**0.0253 J**	**0.0424 J**	**0.048 J**	**0.0462 J**
PCB-159	E1668C		**0.00459 J**	**0.00739 J**	**0.00946 J**	**0.00832 J**	**0.011 J**
PCB-160	E1668C		0.0000278 U	0.00000676 U	0.0000228 U	0.0000182 U	0.0000163 U
PCB-161	E1668C		0.0000265 U	0.00000576 U	0.0000217 U	0.0000173 U	0.0000155 U
PCB-162	E1668C		**0.00211**	**0.00333**	**0.00571 J**	**0.00552 J**	**0.00462 J**
PCB-164	E1668C		**0.0208 J**	**0.0168 J**	**0.0288 J**	**0.0258 J**	**0.0376 J**
PCB-165	E1668C		**0.00138**	**0.00119**	0.0000248 U	**0.00267**	**0.00249**
PCB-167	E1668C		**0.0154 J**	**0.0252 J**	**0.0425 J**	**0.0425 J**	**0.0353 J**
PCB-169	E1668C		**0.0034**	**0.007 J**	**0.0056 J**	**0.0056 J**	**0.00508 J**
PCB-170	E1668C		**0.169 J**	**0.252 J**	**0.314 J**	**0.411 J**	**0.271 J**
PCB-171/173	E1668C		**0.0362 J**	**0.0385 J**	**0.0614 J**	**0.0777 J**	**0.0628 J**
PCB-172	E1668C		**0.0274 J**	**0.0389 J**	**0.0627 J**	**0.0627 J**	**0.0556 J**
PCB-174	E1668C		**0.0838 J**	**0.0925 J**	**0.163 J**	**0.14 J**	**0.203 J**
PCB-175	E1668C		**0.00563 J**	**0.00557 J**	**0.0108 J**	**0.0124 J**	**0.0109 J**
PCB-176	E1668C		**0.0117 J**	**0.0141 J**	**0.0195 J**	**0.0224 J**	**0.0265 J**
PCB-177	E1668C		**0.0658 J**	**0.0619 J**	**0.115 J**	**0.117 J**	**0.133 J**
PCB-178	E1668C		**0.0405 J**	**0.0779 J**	**0.0911 J**	**0.118 J**	**0.0835 J**
PCB-179	E1668C		**0.0271 J**	**0.0334 J**	**0.0476 J**	**0.0393 J**	**0.0695 J**
PCB-180/193	E1668C		**0.331 J**	**0.518 J**	**0.7 J**	**0.666 J**	**0.662 J**
PCB-181	E1668C		**0.000798**	**0.000888**	0.0000754 U	**0.0017**	**0.00149**
PCB-182	E1668C		**0.00117**	**0.00123**	**0.00212**	**0.00245**	**0.00228**
PCB-183	E1668C		**0.085 J**	**0.107 J**	**0.167 J**	**0.187 J**	**0.165 J**
PCB-184	E1668C		**0.000111 J**	**0.000198**	**0.00025**	**0.000385**	**0.000216**
PCB-185	E1668C		**0.0149 J**	**0.0169 J**	**0.0335 J**	**0.0305 J**	**0.0313 J**
PCB-186	E1668C		0.0000242 U	0.00000718 U	0.0000264 U	0.0000191 U	0.0000145 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-01-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01LB-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01WS-01-ADLT-250102 2025-01-02 N TA
PCB-187	E1668C		**0.208 J**	**0.318 J**	**0.396 J**	**0.426 J**	**0.367 J**
PCB-188	E1668C		**0.000736**	**0.00117**	**0.00161**	**0.00236**	**0.0015**
PCB-189	E1668C		**0.00591 J**	**0.0118 J**	**0.0165 J**	**0.0167 J**	**0.0116 J**
PCB-190	E1668C		**0.0378 J**	**0.0593 J**	**0.0747 J**	**0.0988 J**	**0.0622 J**
PCB-191	E1668C		**0.00562 J**	**0.00716 J**	**0.0121 J**	**0.0129 J**	**0.0116 J**
PCB-192	E1668C		0.0000389 U	0.0000325 U	0.0000583 U	0.000072 U	0.0000716 U
PCB-194	E1668C		**0.0483 J**	**0.137 J**	**0.148 J**	**0.136 J**	**0.103 J**
PCB-195	E1668C		**0.0231 J**	**0.047 J**	**0.0515 J**	**0.0592 J**	**0.0384 J**
PCB-196	E1668C		**0.0304 J**	**0.0585 J**	**0.064 J**	**0.0867 J**	**0.0624 J**
PCB-197	E1668C		**0.00256**	**0.0041 J**	**0.00431 J**	**0.00659 J**	**0.00425 J**
PCB-198/199	E1668C		**0.0571 J**	**0.12 J**	**0.113 J**	**0.151 J**	**0.111 J**
PCB-200	E1668C		**0.00386**	**0.00435 J**	**0.00571 J**	**0.00477 J**	**0.00993 J**
PCB-201	E1668C		**0.00724 J**	**0.0109 J**	**0.0121 J**	**0.0181 J**	**0.0131 J**
PCB-202	E1668C		**0.00935 J**	**0.0148 J**	**0.0172 J**	**0.0209 J**	**0.0175 J**
PCB-203	E1668C		**0.0394 J**	**0.0842 J**	**0.0908 J**	**0.109 J**	**0.0848 J**
PCB-204	E1668C		**0.00000939**	**0.0000363**	**0.0000379**	**0.0000454 J**	**0.0000322**
PCB-205	E1668C		**0.00292**	**0.00712 J**	**0.00812 J**	**0.00785 J**	**0.00579 J**
PCB-206	E1668C		**0.00762 J**	**0.0184 J**	**0.0158 J**	**0.0169 J**	**0.0105 J**
PCB-207	E1668C		**0.0011**	**0.00249**	**0.00218**	**0.00249**	**0.00144**
PCB-208	E1668C		**0.00138**	**0.00272**	**0.00244**	**0.00235**	**0.00178**
PCB-209	E1668C		**0.000395**	**0.000741**	**0.000652**	**0.000666**	**0.000344**
Total PCB Congener (U = 0 max limit)	Calculated		**4.3 J**	**5.0 J**	**7.4 J**	**7.3 J**	**8.3 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**4.3 J**	**5.0 J**	**7.4 J**	**7.3 J**	**8.3 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01WS-03-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-01-ADLT-241003 2024-10-03 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**2.2 J**	**0.69 J**	**3.0 J**	**0.49 J**	**0.30 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.376 U	0.376 U	0.501 U	0.125 U	0.125 U
Aroclor 1221	SW8082A		0.376 U	0.376 U	0.501 U	0.125 U	0.125 U
Aroclor 1232	SW8082A		0.376 U	0.376 U	0.501 U	0.125 U	0.125 U
Aroclor 1242	SW8082A		0.376 U	0.376 U	0.501 U	0.125 U	0.125 U
Aroclor 1248	SW8082A		0.376 U	0.376 U	**0.226 J**	0.125 U	0.125 U
Aroclor 1254	SW8082A		**0.673**	0.376 U	0.501 U	0.125 U	0.125 U
Aroclor 1260	SW8082A		**1.33**	**2.1**	**7.02**	**1.04**	**0.782**
Total PCB Aroclors (U = 0 max limit)	Calculated		**2.00**	**2.1**	**7.25 J**	**1.04**	**0.782**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**2.31**	**2.5**	**7.66 J**	**1.16**	**0.905**
PCB Congeners (mg/kg)							
PCB-001	E1668C		0.00000984 U	0.0000119 U	0.00000619 U	--	--
PCB-002	E1668C		0.00000987 U	0.0000101 U	0.00000603 U	--	--
PCB-003	E1668C		0.0000114 U	0.0000117 U	0.00000716 U	--	--
PCB-004	E1668C		**0.000884**	**0.0003**	**0.0017**	--	--
PCB-005	E1668C		0.00000687 U	0.00000887 U	0.00000364 U	--	--
PCB-006	E1668C		**0.000106**	**0.0000364 J**	**0.000124**	--	--
PCB-007	E1668C		0.00000663 U	0.00000856 U	**0.00000405**	--	--
PCB-008	E1668C		**0.000127**	**0.0000529**	**0.000155**	--	--
PCB-009	E1668C		**0.0000129**	**0.00000622**	**0.0000162**	--	--
PCB-010	E1668C		**0.0000601**	**0.0000196**	**0.000113**	--	--
PCB-011	E1668C		0.00000621 U	0.00000802 U	0.00000494 U	--	--
PCB-012/013	E1668C		**0.0000224**	**0.0000116**	**0.0000283**	--	--
PCB-014	E1668C		0.00000679 U	0.00000878 U	0.00000358 U	--	--
PCB-015	E1668C		**0.0000367**	**0.0000215**	**0.0000971**	--	--
PCB-016	E1668C		**0.000105**	**0.0000905**	**0.000309**	--	--
PCB-017	E1668C		**0.00149**	**0.00125**	**0.00334**	--	--
PCB-018/030	E1668C		**0.000504**	**0.000322**	**0.00096**	--	--
PCB-019	E1668C		**0.00191**	**0.00109**	**0.00475 J**	--	--
PCB-020/028	E1668C		**0.00575**	**0.00508**	**0.0104 J**	--	--
PCB-021/033	E1668C		**0.00107**	**0.000744**	**0.00233**	--	--
PCB-022	E1668C		**0.000311**	**0.000258**	**0.000589**	--	--
PCB-023	E1668C		0.0000237 U	0.0000229 U	0.0000155 U	--	--
PCB-024	E1668C		0.00000776 U	0.000011 U	**0.0000182**	--	--
PCB-025	E1668C		**0.00114**	**0.000781**	**0.00206**	--	--
PCB-026/029	E1668C		**0.00157**	**0.00111**	**0.00281**	--	--
PCB-027	E1668C		**0.000956**	**0.000759**	**0.002**	--	--
PCB-031	E1668C		**0.00177**	**0.00129**	**0.00317**	--	--
PCB-032	E1668C		**0.00191**	**0.00164**	**0.00524 J**	--	--
PCB-034	E1668C		**0.0000692**	**0.0000522**	**0.000106**	--	--
PCB-035	E1668C		0.000024 U	0.0000232 U	0.0000164 U	--	--
PCB-036	E1668C		0.0000205 U	0.0000198 U	0.0000136 U	--	--
PCB-037	E1668C		**0.000107**	**0.000078**	**0.000234**	--	--
PCB-038	E1668C		**0.0000554**	**0.0000503 J**	**0.000118**	--	--
PCB-039	E1668C		0.0000225 U	0.0000217 U	**0.0000204**	--	--
PCB-040/071	E1668C		**0.0115 J**	**0.0114 J**	**0.0204 J**	--	--
PCB-041	E1668C		0.000018 U	0.0000257 U	0.0000141 U	--	--
PCB-042	E1668C		**0.00537 J**	**0.00542 J**	**0.011 J**	--	--
PCB-043	E1668C		**0.000164**	**0.000119**	**0.000209**	--	--
PCB-044/047/065	E1668C		**0.155 J**	**0.203 J**	**0.35 J**	--	--
PCB-045	E1668C		0.0000185 U	0.0000263 U	0.0000126 U	--	--
PCB-046	E1668C		**0.00141**	**0.00114**	**0.0026**	--	--
PCB-048	E1668C		**0.000239**	**0.00021**	**0.000471**	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01WS-03-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-01-ADLT-241003 2024-10-03 N TA
PCB-049/069	E1668C		**0.0704 J**	**0.0748 J**	**0.164 J**	--	--
PCB-050/053	E1668C		**0.0239 J**	**0.0186 J**	**0.0383 J**	--	--
PCB-051	E1668C		**0.0265 J**	**0.021 J**	**0.0626 J**	--	--
PCB-052	E1668C		**0.0152 J**	**0.00845 J**	**0.025 J**	--	--
PCB-054	E1668C		**0.00275**	**0.00119**	**0.00501 J**	--	--
PCB-055	E1668C		0.0000435 U	0.0000718 U	0.0000741 U	--	--
PCB-056	E1668C		**0.000683**	**0.000843**	**0.00129**	--	--
PCB-057	E1668C		**0.000205**	**0.000243**	**0.00042**	--	--
PCB-058	E1668C		**0.000354**	**0.000572**	**0.00128**	--	--
PCB-059/062/075	E1668C		**0.00336**	**0.00426**	**0.00748**	--	--
PCB-060	E1668C		**0.000223**	**0.000295**	**0.000457**	--	--
PCB-061/070/074/076	E1668C		**0.00968**	**0.0127**	**0.0213 J**	--	--
PCB-063	E1668C		**0.00159**	**0.0022**	**0.00373**	--	--
PCB-064	E1668C		**0.00234**	**0.00257**	**0.005 J**	--	--
PCB-066	E1668C		**0.015 J**	**0.0211 J**	**0.0321 J**	--	--
PCB-067	E1668C		**0.000657**	**0.000976**	**0.00169**	--	--
PCB-068	E1668C		**0.00407 J**	**0.00618 J**	**0.00933 J**	--	--
PCB-072	E1668C		**0.00223**	**0.00292**	**0.00485 J**	--	--
PCB-073	E1668C		**0.00225**	**0.00235**	**0.00417 J**	--	--
PCB-077	E1668C		**0.00032**	**0.000474**	**0.000776**	--	--
PCB-078	E1668C		0.0000472 U	**0.000176 J**	**0.00032**	--	--
PCB-079	E1668C		**0.000627**	**0.000891**	**0.00146**	--	--
PCB-080	E1668C		0.0000441 U	**0.0015**	0.0000764 U	--	--
PCB-081	E1668C		0.0000514 U	0.0000847 U	0.0000929 U	--	--
PCB-082	E1668C		**0.00152**	**0.00202**	**0.00451 J**	--	--
PCB-083	E1668C		**0.000997**	**0.00462 J**	**0.00709 J**	--	--
PCB-084	E1668C		**0.00391 J**	**0.00422 J**	**0.0113 J**	--	--
PCB-085/116	E1668C		**0.00637**	**0.0105 J**	**0.0183 J**	--	--
PCB-086/087/097/109/119/125	E1668C		**0.03 J**	**0.0437 J**	**0.0893 J**	--	--
PCB-088	E1668C		0.0000219 U	0.0000192 U	0.0000148 U	--	--
PCB-089	E1668C		**0.0000972**	**0.000101**	**0.000235**	--	--
PCB-090/101/113	E1668C		**0.109 J**	**0.153 J**	**0.325 J**	--	--
PCB-091	E1668C		**0.0228 J**	**0.0253 J**	**0.0731 J**	--	--
PCB-092	E1668C		**0.0244 J**	**0.0293 J**	**0.0715 J**	--	--
PCB-093/100	E1668C		**0.0169 J**	**0.0258 J**	**0.0555 J**	--	--
PCB-094	E1668C		**0.00341**	**0.00358**	**0.00761 J**	--	--
PCB-095	E1668C		**0.0363 J**	**0.0363 J**	**0.099 J**	--	--
PCB-096	E1668C		**0.00126**	**0.00131**	**0.00303**	--	--
PCB-098	E1668C		**0.00043**	**0.000559**	**0.00132**	--	--
PCB-099	E1668C		**0.0454 J**	**0.0735 J**	**0.134 J**	--	--
PCB-102	E1668C		**0.00295**	**0.00289**	**0.00826 J**	--	--
PCB-103	E1668C		**0.0069 J**	**0.00855 J**	**0.0215 J**	--	--
PCB-104	E1668C		**0.000678**	**0.000699**	**0.00185**	--	--
PCB-105	E1668C		**0.00874 J**	**0.0144 J**	**0.0257 J**	--	--
PCB-106	E1668C		0.0000126 U	0.000011 U	0.00000879 U	--	--
PCB-107	E1668C		**0.00509 J**	**0.00812 J**	**0.0145 J**	--	--
PCB-108/124	E1668C		**0.00155**	**0.00231**	**0.00418**	--	--
PCB-110	E1668C		**0.0569 J**	**0.0731 J**	**0.131 J**	--	--
PCB-111	E1668C		**0.000652**	**0.00107**	**0.00213**	--	--
PCB-112	E1668C		**0.000176**	**0.000251**	0.0000080 U	--	--
PCB-114	E1668C		**0.000763**	**0.00125**	**0.00259**	--	--
PCB-115	E1668C		0.0000106 U	0.00000928 U	0.00000907 U	--	--
PCB-117	E1668C		**0.00471 J**	**0.00757 J**	**0.0147 J**	--	--
PCB-118	E1668C		**0.0332 J**	**0.0639 J**	**0.0974 J**	--	--
PCB-120	E1668C		**0.00149**	**0.00247**	**0.0045 J**	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01WS-03-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-01-ADLT-241003 2024-10-03 N TA
PCB-121	E1668C		**0.000505**	**0.000815**	**0.00165**	--	--
PCB-122	E1668C		**0.000409**	**0.000607**	**0.00116**	--	--
PCB-123	E1668C		**0.000756**	**0.00135**	**0.00257**	--	--
PCB-126	E1668C		**0.000172**	**0.000265**	**0.000604**	--	--
PCB-127	E1668C		**0.000201**	0.0000109 U	**0.000686**	--	--
PCB-128/166	E1668C		**0.0182 J**	**0.0304 J**	**0.06 J**	--	--
PCB-129/138/163	E1668C		**0.218 J**	**0.356 J**	**0.609 J**	--	--
PCB-130	E1668C		**0.0109 J**	**0.017 J**	**0.0326 J**	--	--
PCB-131	E1668C		**0.000689**	**0.00098**	**0.00181**	--	--
PCB-132	E1668C		**0.0272 J**	**0.0342 J**	**0.0826 J**	--	--
PCB-133	E1668C		**0.00572 J**	**0.0087 J**	**0.0173 J**	--	--
PCB-134	E1668C		**0.00574 J**	**0.00699 J**	**0.0153 J**	--	--
PCB-135/151	E1668C		**0.0695 J**	**0.0887 J**	**0.204 J**	--	--
PCB-136	E1668C		**0.0161 J**	**0.0157 J**	**0.0414 J**	--	--
PCB-137	E1668C		**0.00358**	**0.00663 J**	**0.0124 J**	--	--
PCB-139/140	E1668C		**0.00203**	**0.00354**	**0.00618**	--	--
PCB-141	E1668C		**0.0378 J**	**0.049 J**	**0.112 J**	--	--
PCB-142	E1668C		0.0000257 U	0.0000259 U	0.0000201 U	--	--
PCB-143	E1668C		0.0000245 U	0.0000247 U	0.0000186 U	--	--
PCB-144	E1668C		**0.0071 J**	**0.00956 J**	**0.0214 J**	--	--
PCB-145	E1668C		0.0000277 U	0.0000155 U	**0.0000471 J**	--	--
PCB-146	E1668C		**0.0457 J**	**0.0754 J**	**0.134 J**	--	--
PCB-147/149	E1668C		**0.164 J**	**0.207 J**	**0.458 J**	--	--
PCB-148	E1668C		**0.00154**	**0.00232**	**0.00464 J**	--	--
PCB-150	E1668C		**0.00146**	**0.0015**	**0.00406 J**	--	--
PCB-152	E1668C		**0.000648**	**0.000579**	**0.00163**	--	--
PCB-153/168	E1668C		**0.261 J**	**0.429 J**	**0.72 J**	--	--
PCB-154	E1668C		**0.0071 J**	**0.0113 J**	**0.0223 J**	--	--
PCB-155	E1668C		**0.000203**	**0.000291**	**0.000625**	--	--
PCB-156/157	E1668C		**0.00913 J**	**0.0152 J**	**0.0331 J**	--	--
PCB-158	E1668C		**0.0148 J**	**0.0249 J**	**0.044 J**	--	--
PCB-159	E1668C		**0.00296**	**0.00387**	**0.0108 J**	--	--
PCB-160	E1668C		0.0000171 U	0.0000173 U	0.0000148 U	--	--
PCB-161	E1668C		0.0000163 U	0.0000164 U	0.0000123 U	--	--
PCB-162	E1668C		**0.00117**	**0.00181**	**0.00378**	--	--
PCB-164	E1668C		**0.0125 J**	**0.0155 J**	**0.0331 J**	--	--
PCB-165	E1668C		**0.00132**	**0.00125**	**0.00238**	--	--
PCB-167	E1668C		**0.00854 J**	**0.0139 J**	**0.0297 J**	--	--
PCB-169	E1668C		**0.00147**	**0.0028**	**0.00711 J**	--	--
PCB-170	E1668C		**0.0692 J**	**0.129 J**	**0.221 J**	--	--
PCB-171/173	E1668C		**0.0154 J**	**0.0303 J**	**0.0456 J**	--	--
PCB-172	E1668C		**0.013 J**	**0.0214 J**	**0.036 J**	--	--
PCB-174	E1668C		**0.0498 J**	**0.0683 J**	**0.139 J**	--	--
PCB-175	E1668C		**0.00272**	**0.00488 J**	**0.00757 J**	--	--
PCB-176	E1668C		**0.00568 J**	**0.00914 J**	**0.0201 J**	--	--
PCB-177	E1668C		**0.0335 J**	**0.0595 J**	**0.0963 J**	--	--
PCB-178	E1668C		**0.018 J**	**0.0348 J**	**0.0674 J**	--	--
PCB-179	E1668C		**0.0165 J**	**0.0265 J**	**0.0559 J**	--	--
PCB-180/193	E1668C		**0.161 J**	**0.278 J**	**0.451 J**	--	--
PCB-181	E1668C		**0.000369**	**0.000712**	**0.00103**	--	--
PCB-182	E1668C		**0.000506**	**0.000958**	**0.0015**	--	--
PCB-183	E1668C		**0.0394 J**	**0.0711 J**	**0.113 J**	--	--
PCB-184	E1668C		**0.0000463 J**	**0.000091**	**0.0002**	--	--
PCB-185	E1668C		**0.00791 J**	**0.0108 J**	**0.0216 J**	--	--
PCB-186	E1668C		0.0000143 U	0.0000156 U	0.0000105 U	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01WS-03-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-01-ADLT-241003 2024-10-03 N TA
PCB-187	E1668C		**0.0973 J**	**0.171 J**	**0.258 J**	--	--
PCB-188	E1668C		**0.0003**	**0.000614**	**0.00122**	--	--
PCB-189	E1668C		**0.00254**	**0.00412 J**	**0.00858 J**	--	--
PCB-190	E1668C		**0.0161 J**	**0.0295 J**	**0.0471 J**	--	--
PCB-191	E1668C		**0.00275**	**0.00478 J**	**0.00775 J**	--	--
PCB-192	E1668C		0.000032 U	0.0000349 U	0.000043 U	--	--
PCB-194	E1668C		**0.0229 J**	**0.0413 J**	**0.103 J**	--	--
PCB-195	E1668C		**0.00964 J**	**0.0193 J**	**0.0428 J**	--	--
PCB-196	E1668C		**0.0123 J**	**0.025 J**	**0.0396 J**	--	--
PCB-197	E1668C		**0.000925**	**0.00195**	**0.00286**	--	--
PCB-198/199	E1668C		**0.0229 J**	**0.0444 J**	**0.0727 J**	--	--
PCB-200	E1668C		**0.00248**	**0.00408 J**	**0.00635 J**	--	--
PCB-201	E1668C		**0.00296**	**0.00652 J**	**0.00856 J**	--	--
PCB-202	E1668C		**0.00428 J**	**0.00874 J**	**0.0127 J**	--	--
PCB-203	E1668C		**0.0168 J**	**0.0323 J**	**0.052 J**	--	--
PCB-204	E1668C		0.00000762 U	**0.0000155**	**0.0000165 J**	--	--
PCB-205	E1668C		**0.00142**	**0.00249**	**0.00622 J**	--	--
PCB-206	E1668C		**0.00298**	**0.00494 J**	**0.0113 J**	--	--
PCB-207	E1668C		**0.000377**	**0.000713**	**0.0014**	--	--
PCB-208	E1668C		**0.000536**	**0.00093**	**0.00178**	--	--
PCB-209	E1668C		**0.000142**	**0.000228**	**0.000361**	--	--
Total PCB Congener (U = 0 max limit)	Calculated		**2.4 J**	**3.6 J**	**6.7 J**	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		**2.4 J**	**3.6 J**	**6.7 J**	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-01-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-02-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-03-ADLT-241003 2024-10-03 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.3 J**	**0.45 J**	**0.30 J**	**0.64 J**	**0.48 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.499 U	0.125 U	0.125 U	0.125 U	0.251 U
Aroclor 1221	SW8082A		0.499 U	0.125 U	0.125 U	0.125 U	0.251 U
Aroclor 1232	SW8082A		0.499 U	0.125 U	0.125 U	0.125 U	0.251 U
Aroclor 1242	SW8082A		0.499 U	0.125 U	0.125 U	0.125 U	0.251 U
Aroclor 1248	SW8082A		0.499 U	0.125 U	0.125 U	0.125 U	0.251 U
Aroclor 1254	SW8082A		0.499 U	0.125 U	0.125 U	0.125 U	0.251 U
Aroclor 1260	SW8082A		**4.53**	**1.22**	**0.879**	**1**	**1.27**
Total PCB Aroclors (U = 0 max limit)	Calculated		**4.53**	**1.22**	**0.879**	**1.0**	**1.27**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**5.02**	**1.34**	**1.00**	**1.1**	**1.52**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-01-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-02-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-03-ADLT-241003 2024-10-03 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-01-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-02-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-03-ADLT-241003 2024-10-03 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-01-YOY-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-02-ADLT-241003 2024-10-03 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-03-ADLT-241003 2024-10-03 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-05-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-01-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-02-ADLT-240912 2024-09-12 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.54 J**	**0.38 J**	**0.63 J**	**1.5 J**	**0.62 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.125 U	0.501 U	0.0498 U	0.249 U	0.0499 U
Aroclor 1221	SW8082A		0.125 U	0.501 U	0.0498 U	0.249 U	0.0499 U
Aroclor 1232	SW8082A		0.125 U	0.501 U	0.0498 U	0.249 U	0.0499 U
Aroclor 1242	SW8082A		0.125 U	0.501 U	0.0498 U	0.249 U	0.0499 U
Aroclor 1248	SW8082A		0.125 U	0.501 U	0.0498 U	0.249 U	0.0499 U
Aroclor 1254	SW8082A		0.125 U	0.501 U	0.0498 U	0.249 U	0.0499 U
Aroclor 1260	SW8082A		**1.01**	**2.2**	**0.461**	**1.17**	**0.502**
Total PCB Aroclors (U = 0 max limit)	Calculated		**1.01**	**2.2**	**0.461**	**1.17**	**0.502**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**1.13**	**2.7**	**0.510**	**1.42**	**0.551**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-05-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-01-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-02-ADLT-240912 2024-09-12 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-05-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-01-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-02-ADLT-240912 2024-09-12 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R08-01 HBMP-R08-01YP-05-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-01-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-02-ADLT-240912 2024-09-12 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-02-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-03-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-03-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-04-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-04-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-05-ADLT-240912 2024-09-12 N TA
Conventional Parameters (pct)								
Lipids	ENVSOPGBAY0090-00		**2.3 J**	**0.70 J**	**3.0 J**	**2.3 J**	**2.2 J**	**1.1 J**
PCB Aroclors (mg/kg)								
Aroclor 1016	SW8082A		0.375 U	0.0997 U	0.375 U	0.0251 U	0.375 U	0.249 U
Aroclor 1221	SW8082A		0.375 U	0.0997 U	0.375 U	0.0251 U	0.375 U	0.249 U
Aroclor 1232	SW8082A		0.375 U	0.0997 U	0.375 U	0.0251 U	0.375 U	0.249 U
Aroclor 1242	SW8082A		0.375 U	0.0997 U	0.375 U	0.0251 U	0.375 U	0.249 U
Aroclor 1248	SW8082A		0.375 U	0.0997 U	0.375 U	0.0251 U	0.375 U	0.249 U
Aroclor 1254	SW8082A		0.375 U	0.0997 U	0.375 U	0.0251 U	0.375 U	0.249 U
Aroclor 1260	SW8082A		**2.03**	**0.717**	**1.96**	**0.244**	**2.16**	**2.1**
Total PCB Aroclors (U = 0 max limit)	Calculated		**2.03**	**0.717**	**1.96**	**0.244**	**2.16**	**2.1**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**2.40**	**0.815**	**2.33**	**0.269**	**2.53**	**2.3**
PCB Congeners (mg/kg)								
PCB-001	E1668C		--	--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-02-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-03-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-03-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-04-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-04-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-05-ADLT-240912 2024-09-12 N TA
PCB-049/069	E1668C		--	--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-02-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-03-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-03-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-04-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-04-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-05-ADLT-240912 2024-09-12 N TA
PCB-121	E1668C		--	--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-02-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-03-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-03-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-04-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-04-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-05-ADLT-240912 2024-09-12 N TA
PCB-187	E1668C		--	--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-05-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-06-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-06-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-07-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-07-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-08-ADLT-240912 2024-09-12 N TA
Conventional Parameters (pct)								
Lipids	ENVSOPGBAY0090-00		**2.1 J**	**1.4 J**	**2.1 J**	**1.7 J**	**2.5 J**	**1.1 J**
PCB Aroclors (mg/kg)								
Aroclor 1016	SW8082A		0.376 U	0.176 U	0.375 U	0.174 U	0.25 U	0.25 U
Aroclor 1221	SW8082A		0.376 U	0.176 U	0.375 U	0.174 U	0.25 U	0.25 U
Aroclor 1232	SW8082A		0.376 U	0.176 U	0.375 U	0.174 U	0.25 U	0.25 U
Aroclor 1242	SW8082A		0.376 U	0.176 U	0.375 U	0.174 U	0.25 U	0.25 U
Aroclor 1248	SW8082A		0.376 U	0.176 U	0.375 U	0.174 U	0.25 U	0.25 U
Aroclor 1254	SW8082A		0.376 U	0.176 U	0.375 U	0.174 U	0.25 U	0.25 U
Aroclor 1260	SW8082A		**2.19**	**1.66**	**2.46**	**1.49**	**1.47**	**2.91**
Total PCB Aroclors (U = 0 max limit)	Calculated		**2.19**	**1.66**	**2.46**	**1.49**	**1.47**	**2.91**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**2.56**	**1.83**	**2.83**	**1.66**	**1.72**	**3.16**
PCB Congeners (mg/kg)								
PCB-001	E1668C		--	--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-05-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-06-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-06-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-07-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-07-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-08-ADLT-240912 2024-09-12 N TA
PCB-049/069	E1668C		--	--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-05-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-06-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-06-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-07-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-07-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-08-ADLT-240912 2024-09-12 N TA
PCB-121	E1668C		--	--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-05-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-06-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-06-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-07-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-07-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-08-ADLT-240912 2024-09-12 N TA
PCB-187	E1668C		--	--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-09-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-10-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-03-ADLT-250102 2025-01-02 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.4 J**	**0.56 J**	**2.1 J**	**0.91 J**	**1.7 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.374 U	0.125 U	1.25 U	0.749 U	0.249 U
Aroclor 1221	SW8082A		0.374 U	0.125 U	1.25 U	0.749 U	0.249 U
Aroclor 1232	SW8082A		0.374 U	0.125 U	1.25 U	0.749 U	0.249 U
Aroclor 1242	SW8082A		0.374 U	0.125 U	1.25 U	0.749 U	0.249 U
Aroclor 1248	SW8082A		0.374 U	0.125 U	**0.486 J**	0.749 U	0.249 U
Aroclor 1254	SW8082A		0.374 U	0.125 U	1.25 U	0.749 U	0.249 U
Aroclor 1260	SW8082A		**2.32**	**1.07**	**18.4**	**5.44**	**2.05**
Total PCB Aroclors (U = 0 max limit)	Calculated		**2.32**	**1.07**	**18.9 J**	**5.44**	**2.05**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**2.69**	**1.19**	**19.9 J**	**6.18**	**2.30**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-09-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-10-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-03-ADLT-250102 2025-01-02 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-09-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-10-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-03-ADLT-250102 2025-01-02 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-09-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01LB-10-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-03-ADLT-250102 2025-01-02 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-06-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-07-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-08-ADLT-250102 2025-01-02 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**2.6 J**	**2.0 J**	**2.8 J**	**2.5 J**	**1.5 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.50 U	0.125 U	0.25 U	0.376 U	0.249 U
Aroclor 1221	SW8082A		0.50 U	0.125 U	0.25 U	0.376 U	0.249 U
Aroclor 1232	SW8082A		0.50 U	0.125 U	0.25 U	0.376 U	0.249 U
Aroclor 1242	SW8082A		0.50 U	0.125 U	0.25 U	0.376 U	0.249 U
Aroclor 1248	SW8082A		0.50 U	0.125 U	0.25 U	0.376 U	0.249 U
Aroclor 1254	SW8082A		0.50 U	0.125 U	0.25 U	0.376 U	0.249 U
Aroclor 1260	SW8082A		**4.3**	**0.824**	**1.36**	**2.94**	**1.3**
Total PCB Aroclors (U = 0 max limit)	Calculated		**4.3**	**0.824**	**1.36**	**2.94**	**1.3**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**4.8**	**0.947**	**1.61**	**3.31**	**1.5**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-06-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-07-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-08-ADLT-250102 2025-01-02 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-06-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-07-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-08-ADLT-250102 2025-01-02 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-06-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-07-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-08-ADLT-250102 2025-01-02 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-09-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-10-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-01-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-02-ADLT-240912 2024-09-12 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**2.4 J**	**1.8 J**	**0.93 J**	**2.2 J**	**0.91 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.376 U	0.125 U	0.0999 U	0.249 U	0.125 U
Aroclor 1221	SW8082A		0.376 U	0.125 U	0.0999 U	0.249 U	0.125 U
Aroclor 1232	SW8082A		0.376 U	0.125 U	0.0999 U	0.249 U	0.125 U
Aroclor 1242	SW8082A		0.376 U	0.125 U	0.0999 U	0.249 U	0.125 U
Aroclor 1248	SW8082A		0.376 U	0.125 U	0.0999 U	0.249 U	0.125 U
Aroclor 1254	SW8082A		0.376 U	0.125 U	0.0999 U	0.249 U	**0.228**
Aroclor 1260	SW8082A		**2.69**	**1.15**	**0.428**	**2.04**	**0.373**
Total PCB Aroclors (U = 0 max limit)	Calculated		**2.69**	**1.15**	**0.428**	**2.04**	**0.601**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**3.06**	**1.27**	**0.526**	**2.29**	**0.703**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-09-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-10-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-01-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-02-ADLT-240912 2024-09-12 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-09-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-10-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-01-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-02-ADLT-240912 2024-09-12 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-09-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01WS-10-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-01-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-02-ADLT-240912 2024-09-12 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-02-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-03-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-03-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-04-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-04-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-05-ADLT-240912 2024-09-12 N TA
Conventional Parameters (pct)								
Lipids	ENVSOPGBAY0090-00		2.5 U	0.78 U	2.5 U	0.60 U	2.5 U	1.4 U
PCB Aroclors (mg/kg)								
Aroclor 1016	SW8082A		0.25 U	0.10 U	0.251 U	0.10 U	0.251 U	0.125 U
Aroclor 1221	SW8082A		0.25 U	0.10 U	0.251 U	0.10 U	0.251 U	0.125 U
Aroclor 1232	SW8082A		0.25 U	0.10 U	0.251 U	0.10 U	0.251 U	0.125 U
Aroclor 1242	SW8082A		0.25 U	0.10 U	0.251 U	0.10 U	0.251 U	0.125 U
Aroclor 1248	SW8082A		0.25 U	0.10 U	0.251 U	0.10 U	0.251 U	0.125 U
Aroclor 1254	SW8082A		0.25 U	**0.193 J**	0.251 U	0.10 U	0.251 U	0.125 U
Aroclor 1260	SW8082A		**2.14**	**0.342**	**2.38**	**0.532**	**2.03**	**0.749**
Total PCB Aroclors (U = 0 max limit)	Calculated		**2.14**	**0.535 J**	**2.38**	**0.532**	**2.03**	**0.749**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**2.39**	**0.618 J**	**2.63**	**0.631**	**2.28**	**0.872**
PCB Congeners (mg/kg)								
PCB-001	E1668C		--	--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-02-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-03-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-03-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-04-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-04-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-05-ADLT-240912 2024-09-12 N TA
PCB-049/069	E1668C		--	--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-02-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-03-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-03-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-04-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-04-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-05-ADLT-240912 2024-09-12 N TA
PCB-121	E1668C		--	--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-02-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-03-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-03-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-04-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-04-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-05-ADLT-240912 2024-09-12 N TA
PCB-187	E1668C		--	--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-05-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-06-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-06-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-07-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-07-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-08-ADLT-240912 2024-09-12 N TA
Conventional Parameters (pct)								
Lipids	ENVSOPGBAY0090-00		2.8 U	0.83 U	1.9 U	1.0 U	2.6 U	0.98 U
PCB Aroclors (mg/kg)								
Aroclor 1016	SW8082A		0.25 U	0.10 U	0.249 U	0.125 U	0.25 U	0.125 U
Aroclor 1221	SW8082A		0.25 U	0.10 U	0.249 U	0.125 U	0.25 U	0.125 U
Aroclor 1232	SW8082A		0.25 U	0.10 U	0.249 U	0.125 U	0.25 U	0.125 U
Aroclor 1242	SW8082A		0.25 U	0.10 U	0.249 U	0.125 U	0.25 U	0.125 U
Aroclor 1248	SW8082A		0.25 U	0.10 U	0.249 U	0.125 U	0.25 U	0.125 U
Aroclor 1254	SW8082A		0.25 U	0.10 U	0.249 U	0.125 U	0.25 U	0.125 U
Aroclor 1260	SW8082A		**2.14**	**0.546**	**1.54**	**0.503**	**1.84**	**0.643**
Total PCB Aroclors (U = 0 max limit)	Calculated		**2.14**	**0.546**	**1.54**	**0.503**	**1.84**	**0.643**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**2.39**	**0.645**	**1.79**	**0.627**	**2.09**	**0.766**
PCB Congeners (mg/kg)								
PCB-001	E1668C		--	--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-05-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-06-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-06-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-07-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-07-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-08-ADLT-240912 2024-09-12 N TA
PCB-049/069	E1668C		--	--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-05-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-06-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-06-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-07-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-07-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-08-ADLT-240912 2024-09-12 N TA
PCB-121	E1668C		--	--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-05-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-06-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-06-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-07-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-07-YOY-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-08-ADLT-240912 2024-09-12 N TA
PCB-187	E1668C		--	--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-09-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-10-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-01-ADLT-240917 2024-09-17 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		0.88 U	0.91 U	**1.2 J**	**0.41 J**	**0.56 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.10 U	0.10 U	0.125 U	0.025 U	0.0251 U
Aroclor 1221	SW8082A		0.10 U	0.10 U	0.125 U	0.025 U	0.0251 U
Aroclor 1232	SW8082A		0.10 U	0.10 U	0.125 U	0.025 U	0.0251 U
Aroclor 1242	SW8082A		0.10 U	0.10 U	0.125 U	0.025 U	0.0251 U
Aroclor 1248	SW8082A		0.10 U	0.10 U	0.125 U	0.025 U	0.0251 U
Aroclor 1254	SW8082A		0.10 U	**0.222**	0.125 U	0.025 U	0.0251 U
Aroclor 1260	SW8082A		**0.506**	**0.565**	**1**	**0.242**	**0.288**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.506**	**0.787**	**1.0**	**0.242**	**0.288**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.605**	**0.869**	**1.1**	**0.267**	**0.313**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-09-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-10-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-01-ADLT-240917 2024-09-17 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-09-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-10-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-01-ADLT-240917 2024-09-17 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-09-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R09-01 HBMP-R09-01YP-10-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-01-ADLT-240912 2024-09-12 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-01-ADLT-240917 2024-09-17 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-05-ADLT-240911 2024-09-11 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.2 J**	**1.2 J**	**0.70 J**	**1.1 J**	**0.75 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.125 U	0.0996 U	0.375 U	0.125 U	0.251 U
Aroclor 1221	SW8082A		0.125 U	0.0996 U	0.375 U	0.125 U	0.251 U
Aroclor 1232	SW8082A		0.125 U	0.0996 U	0.375 U	0.125 U	0.251 U
Aroclor 1242	SW8082A		0.125 U	0.0996 U	0.375 U	0.125 U	0.251 U
Aroclor 1248	SW8082A		0.125 U	0.0996 U	0.375 U	0.125 U	0.251 U
Aroclor 1254	SW8082A		0.125 U	0.0996 U	0.375 U	0.125 U	0.251 U
Aroclor 1260	SW8082A		**0.9**	**0.52**	**2.15**	**0.721**	**1.15**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.90**	**0.52**	**2.15**	**0.721**	**1.15**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**1.0**	**0.62**	**2.52**	**0.844**	**1.40**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-05-ADLT-240911 2024-09-11 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-05-ADLT-240911 2024-09-11 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-03-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-05-ADLT-240911 2024-09-11 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-03-ADLT-240911 2024-09-11 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.67 J**	**0.52 J**	**0.76 J**	**1.2 J**	**1.1 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.125 U	0.125 U	0.025 U	0.025 U	0.0751 U
Aroclor 1221	SW8082A		0.125 U	0.125 U	0.025 U	0.025 U	0.0751 U
Aroclor 1232	SW8082A		0.125 U	0.125 U	0.025 U	0.025 U	0.0751 U
Aroclor 1242	SW8082A		0.125 U	0.125 U	0.025 U	0.025 U	0.0751 U
Aroclor 1248	SW8082A		0.125 U	0.125 U	0.025 U	0.025 U	0.0751 U
Aroclor 1254	SW8082A		0.125 U	0.125 U	0.025 U	0.025 U	0.0751 U
Aroclor 1260	SW8082A		**0.965**	**0.531**	**0.0973**	**0.133**	**0.699**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.965**	**0.531**	**0.0973**	**0.133**	**0.699**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**1.09**	**0.654**	**0.122**	**0.158**	**0.773**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-03-ADLT-240911 2024-09-11 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-03-ADLT-240911 2024-09-11 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01BB-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-03-ADLT-240911 2024-09-11 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-08-ADLT-240911 2024-09-11 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.88 J**	**1.4 J**	**0.84 J**	**0.97 J**	**1.8 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.0249 U	0.025 U	0.125 U	0.125 U	0.125 U
Aroclor 1221	SW8082A		0.0249 U	0.025 U	0.125 U	0.125 U	0.125 U
Aroclor 1232	SW8082A		0.0249 U	0.025 U	0.125 U	0.125 U	0.125 U
Aroclor 1242	SW8082A		0.0249 U	0.025 U	0.125 U	0.125 U	0.125 U
Aroclor 1248	SW8082A		0.0249 U	0.025 U	0.125 U	0.125 U	0.125 U
Aroclor 1254	SW8082A		0.0249 U	0.025 U	0.125 U	0.125 U	0.125 U
Aroclor 1260	SW8082A		**0.249**	**0.232**	**0.885**	**1.03**	**0.594**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.249**	**0.232**	**0.885**	**1.03**	**0.594**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.274**	**0.257**	**1.01**	**1.15**	**0.717**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-08-ADLT-240911 2024-09-11 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-08-ADLT-240911 2024-09-11 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-08-ADLT-240911 2024-09-11 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-09-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-10-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-03-ADLT-240911 2024-09-11 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.3 J**	**0.83 J**	**0.65 J**	**0.70 J**	**0.45 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.0249 U	0.175 U	0.025 U	0.025 U	0.025 U
Aroclor 1221	SW8082A		0.0249 U	0.175 U	0.025 U	0.025 U	0.025 U
Aroclor 1232	SW8082A		0.0249 U	0.175 U	0.025 U	0.025 U	0.025 U
Aroclor 1242	SW8082A		0.0249 U	0.175 U	0.025 U	0.025 U	0.025 U
Aroclor 1248	SW8082A		0.0249 U	0.175 U	0.025 U	0.025 U	0.025 U
Aroclor 1254	SW8082A		0.0249 U	0.175 U	**0.0899**	**0.0762**	0.025 U
Aroclor 1260	SW8082A		**0.0403**	**1.23**	**0.12**	**0.0986**	**0.178**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0403**	**1.23**	**0.21**	**0.175**	**0.178**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.0649**	**1.40**	**0.23**	**0.195**	**0.203**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-09-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-10-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-03-ADLT-240911 2024-09-11 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-09-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-10-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-03-ADLT-240911 2024-09-11 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-09-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01LB-10-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-01-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-02-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-03-ADLT-240911 2024-09-11 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-08-ADLT-240911 2024-09-11 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.74 J**	**0.91 J**	**0.79 J**	**0.77 J**	**0.45 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.176 U	0.025 U	0.175 U	0.0251 U	0.0249 U
Aroclor 1221	SW8082A		0.176 U	0.025 U	0.175 U	0.0251 U	0.0249 U
Aroclor 1232	SW8082A		0.176 U	0.025 U	0.175 U	0.0251 U	0.0249 U
Aroclor 1242	SW8082A		0.176 U	0.025 U	0.175 U	0.0251 U	0.0249 U
Aroclor 1248	SW8082A		0.176 U	**0.0094 J**	0.175 U	0.0251 U	0.0249 U
Aroclor 1254	SW8082A		0.176 U	0.025 U	0.175 U	0.0251 U	**0.0616**
Aroclor 1260	SW8082A		**0.901**	**0.354**	**1.08**	**0.155**	**0.113**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.901**	**0.36 J**	**1.08**	**0.155**	**0.175**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**1.07**	**0.38 J**	**1.25**	**0.180**	**0.195**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-08-ADLT-240911 2024-09-11 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-08-ADLT-240911 2024-09-11 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-04-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-05-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-06-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-07-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-08-ADLT-240911 2024-09-11 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-09-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-10-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01NP-01-ADLT-241030 2024-10-30 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01NP-02-ADLT-241030 2024-10-30 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-01-ADLT-240917 2024-09-17 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.80 J**	**0.55 J**	0.92 U	1.1 U	**0.57 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.0251 U	0.025 U	0.251 U	0.25 U	0.10 U
Aroclor 1221	SW8082A		0.0251 U	0.025 U	0.251 U	0.25 U	0.10 U
Aroclor 1232	SW8082A		0.0251 U	0.025 U	0.251 U	0.25 U	0.10 U
Aroclor 1242	SW8082A		0.0251 U	0.025 U	0.251 U	0.25 U	0.10 U
Aroclor 1248	SW8082A		**0.0092 J**	0.025 U	0.251 U	0.25 U	0.10 U
Aroclor 1254	SW8082A		0.0251 U	0.025 U	0.251 U	0.25 U	0.10 U
Aroclor 1260	SW8082A		**0.309**	**0.156**	**1.77**	**1.9**	**0.68**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.32 J**	**0.156**	**1.77**	**1.9**	**0.68**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.34 J**	**0.181**	**2.02**	**2.1**	**0.78**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	0.00000339 U
PCB-002	E1668C		--	--	--	--	0.00000306 U
PCB-003	E1668C		--	--	--	--	0.00000363 U
PCB-004	E1668C		--	--	--	--	**0.0000386**
PCB-005	E1668C		--	--	--	--	0.00000379 U
PCB-006	E1668C		--	--	--	--	0.00000314 U
PCB-007	E1668C		--	--	--	--	0.00000369 U
PCB-008	E1668C		--	--	--	--	**0.00000822 J**
PCB-009	E1668C		--	--	--	--	0.00000325 U
PCB-010	E1668C		--	--	--	--	**0.00000231**
PCB-011	E1668C		--	--	--	--	0.0000033 U
PCB-012/013	E1668C		--	--	--	--	0.00000386 U
PCB-014	E1668C		--	--	--	--	0.00000373 U
PCB-015	E1668C		--	--	--	--	**0.00000452**
PCB-016	E1668C		--	--	--	--	**0.00000499 J**
PCB-017	E1668C		--	--	--	--	**0.0000706**
PCB-018/030	E1668C		--	--	--	--	**0.0000433**
PCB-019	E1668C		--	--	--	--	**0.000114**
PCB-020/028	E1668C		--	--	--	--	**0.000243**
PCB-021/033	E1668C		--	--	--	--	**0.0000158 J**
PCB-022	E1668C		--	--	--	--	**0.0000118 J**
PCB-023	E1668C		--	--	--	--	0.00000783 U
PCB-024	E1668C		--	--	--	--	0.00000458 U
PCB-025	E1668C		--	--	--	--	**0.000061**
PCB-026/029	E1668C		--	--	--	--	**0.0000816**
PCB-027	E1668C		--	--	--	--	**0.0000413**
PCB-031	E1668C		--	--	--	--	**0.0000827**
PCB-032	E1668C		--	--	--	--	**0.0000719**
PCB-034	E1668C		--	--	--	--	0.00000789 U
PCB-035	E1668C		--	--	--	--	0.00000825 U
PCB-036	E1668C		--	--	--	--	0.00000683 U
PCB-037	E1668C		--	--	--	--	0.00000831 U
PCB-038	E1668C		--	--	--	--	0.00000767 U
PCB-039	E1668C		--	--	--	--	0.00000763 U
PCB-040/071	E1668C		--	--	--	--	**0.000247**
PCB-041	E1668C		--	--	--	--	0.00000745 U
PCB-042	E1668C		--	--	--	--	**0.000178**
PCB-043	E1668C		--	--	--	--	0.00000587 U
PCB-044/047/065	E1668C		--	--	--	--	**0.00791**
PCB-045	E1668C		--	--	--	--	0.00000668 U
PCB-046	E1668C		--	--	--	--	0.00000695 U
PCB-048	E1668C		--	--	--	--	**0.00000909**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-09-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-10-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01NP-01-ADLT-241030 2024-10-30 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01NP-02-ADLT-241030 2024-10-30 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-01-ADLT-240917 2024-09-17 N TA
PCB-049/069	E1668C		--	--	--	--	**0.00316**
PCB-050/053	E1668C		--	--	--	--	**0.000618**
PCB-051	E1668C		--	--	--	--	**0.000501**
PCB-052	E1668C		--	--	--	--	**0.00172**
PCB-054	E1668C		--	--	--	--	**0.0000892**
PCB-055	E1668C		--	--	--	--	0.0000195 U
PCB-056	E1668C		--	--	--	--	**0.0000502**
PCB-057	E1668C		--	--	--	--	0.0000216 U
PCB-058	E1668C		--	--	--	--	**0.0000404**
PCB-059/062/075	E1668C		--	--	--	--	**0.000165**
PCB-060	E1668C		--	--	--	--	0.0000246 U
PCB-061/070/074/076	E1668C		--	--	--	--	**0.000542**
PCB-063	E1668C		--	--	--	--	**0.000112**
PCB-064	E1668C		--	--	--	--	**0.0000977**
PCB-066	E1668C		--	--	--	--	**0.00119**
PCB-067	E1668C		--	--	--	--	**0.0000758**
PCB-068	E1668C		--	--	--	--	**0.000343**
PCB-072	E1668C		--	--	--	--	**0.000206**
PCB-073	E1668C		--	--	--	--	**0.0000494**
PCB-077	E1668C		--	--	--	--	**0.0000329**
PCB-078	E1668C		--	--	--	--	**0.0000253**
PCB-079	E1668C		--	--	--	--	**0.0000892**
PCB-080	E1668C		--	--	--	--	**0.000247**
PCB-081	E1668C		--	--	--	--	0.0000244 U
PCB-082	E1668C		--	--	--	--	**0.000231**
PCB-083	E1668C		--	--	--	--	**0.00133**
PCB-084	E1668C		--	--	--	--	**0.000443**
PCB-085/116	E1668C		--	--	--	--	**0.00213**
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	**0.00636**
PCB-088	E1668C		--	--	--	--	0.0000132 U
PCB-089	E1668C		--	--	--	--	0.0000113 U
PCB-090/101/113	E1668C		--	--	--	--	**0.03 J**
PCB-091	E1668C		--	--	--	--	**0.00347**
PCB-092	E1668C		--	--	--	--	**0.00735 J**
PCB-093/100	E1668C		--	--	--	--	**0.00296**
PCB-094	E1668C		--	--	--	--	**0.000181**
PCB-095	E1668C		--	--	--	--	**0.00536 J**
PCB-096	E1668C		--	--	--	--	**0.0000506**
PCB-098	E1668C		--	--	--	--	**0.0000549**
PCB-099	E1668C		--	--	--	--	**0.0136 J**
PCB-102	E1668C		--	--	--	--	**0.00021**
PCB-103	E1668C		--	--	--	--	**0.00121**
PCB-104	E1668C		--	--	--	--	**0.0000295**
PCB-105	E1668C		--	--	--	--	**0.00325**
PCB-106	E1668C		--	--	--	--	0.00000784 U
PCB-107	E1668C		--	--	--	--	**0.00169**
PCB-108/124	E1668C		--	--	--	--	**0.000463**
PCB-110	E1668C		--	--	--	--	**0.00768 J**
PCB-111	E1668C		--	--	--	--	**0.000279**
PCB-112	E1668C		--	--	--	--	0.00000714 U
PCB-114	E1668C		--	--	--	--	**0.000301**
PCB-115	E1668C		--	--	--	--	0.00000809 U
PCB-117	E1668C		--	--	--	--	**0.00123**
PCB-118	E1668C		--	--	--	--	**0.00995 J**
PCB-120	E1668C		--	--	--	--	**0.000639**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-09-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-10-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01NP-01-ADLT-241030 2024-10-30 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01NP-02-ADLT-241030 2024-10-30 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-01-ADLT-240917 2024-09-17 N TA
PCB-121	E1668C		--	--	--	--	**0.000115**
PCB-122	E1668C		--	--	--	--	0.0000055 U
PCB-123	E1668C		--	--	--	--	**0.000322**
PCB-126	E1668C		--	--	--	--	**0.0000597**
PCB-127	E1668C		--	--	--	--	0.00000609 U
PCB-128/166	E1668C		--	--	--	--	**0.00961 J**
PCB-129/138/163	E1668C		--	--	--	--	**0.0724 J**
PCB-130	E1668C		--	--	--	--	**0.00393**
PCB-131	E1668C		--	--	--	--	**0.000127**
PCB-132	E1668C		--	--	--	--	**0.00572 J**
PCB-133	E1668C		--	--	--	--	**0.00255**
PCB-134	E1668C		--	--	--	--	**0.00138**
PCB-135/151	E1668C		--	--	--	--	**0.0173 J**
PCB-136	E1668C		--	--	--	--	**0.00262**
PCB-137	E1668C		--	--	--	--	**0.00145**
PCB-139/140	E1668C		--	--	--	--	**0.000593**
PCB-141	E1668C		--	--	--	--	**0.012 J**
PCB-142	E1668C		--	--	--	--	0.0000108 U
PCB-143	E1668C		--	--	--	--	0.00000995 U
PCB-144	E1668C		--	--	--	--	**0.00228**
PCB-145	E1668C		--	--	--	--	0.00000797 U
PCB-146	E1668C		--	--	--	--	**0.0184 J**
PCB-147/149	E1668C		--	--	--	--	**0.0494 J**
PCB-148	E1668C		--	--	--	--	**0.000322**
PCB-150	E1668C		--	--	--	--	**0.000341**
PCB-152	E1668C		--	--	--	--	**0.0000738**
PCB-153/168	E1668C		--	--	--	--	**0.107 J**
PCB-154	E1668C		--	--	--	--	**0.00198**
PCB-155	E1668C		--	--	--	--	**0.0000776**
PCB-156/157	E1668C		--	--	--	--	**0.00441**
PCB-158	E1668C		--	--	--	--	**0.00432 J**
PCB-159	E1668C		--	--	--	--	**0.00164**
PCB-160	E1668C		--	--	--	--	0.0000079 U
PCB-161	E1668C		--	--	--	--	0.0000066 U
PCB-162	E1668C		--	--	--	--	**0.000597**
PCB-164	E1668C		--	--	--	--	**0.00364**
PCB-165	E1668C		--	--	--	--	**0.00042**
PCB-167	E1668C		--	--	--	--	**0.00392**
PCB-169	E1668C		--	--	--	--	**0.000677**
PCB-170	E1668C		--	--	--	--	**0.033 J**
PCB-171/173	E1668C		--	--	--	--	**0.00642**
PCB-172	E1668C		--	--	--	--	**0.00753 J**
PCB-174	E1668C		--	--	--	--	**0.027 J**
PCB-175	E1668C		--	--	--	--	**0.00112**
PCB-176	E1668C		--	--	--	--	**0.00268**
PCB-177	E1668C		--	--	--	--	**0.022 J**
PCB-178	E1668C		--	--	--	--	**0.0112 J**
PCB-179	E1668C		--	--	--	--	**0.00449 J**
PCB-180/193	E1668C		--	--	--	--	**0.0941 J**
PCB-181	E1668C		--	--	--	--	**0.000208**
PCB-182	E1668C		--	--	--	--	**0.000285**
PCB-183	E1668C		--	--	--	--	**0.0182 J**
PCB-184	E1668C		--	--	--	--	0.00000915 U
PCB-185	E1668C		--	--	--	--	**0.00388**
PCB-186	E1668C		--	--	--	--	0.00000817 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-09-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R10-01 HBMP-R10-01YP-10-ADLT-240911 2024-09-11 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01NP-01-ADLT-241030 2024-10-30 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01NP-02-ADLT-241030 2024-10-30 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-01-ADLT-240917 2024-09-17 N TA
PCB-187	E1668C		--	--	--	--	**0.0651 J**
PCB-188	E1668C		--	--	--	--	**0.000176**
PCB-189	E1668C		--	--	--	--	**0.00138**
PCB-190	E1668C		--	--	--	--	**0.00926 J**
PCB-191	E1668C		--	--	--	--	**0.00121**
PCB-192	E1668C		--	--	--	--	0.0000195 U
PCB-194	E1668C		--	--	--	--	**0.0105 J**
PCB-195	E1668C		--	--	--	--	**0.00448 J**
PCB-196	E1668C		--	--	--	--	**0.00519 J**
PCB-197	E1668C		--	--	--	--	**0.000478**
PCB-198/199	E1668C		--	--	--	--	**0.0129 J**
PCB-200	E1668C		--	--	--	--	**0.000828**
PCB-201	E1668C		--	--	--	--	**0.00154**
PCB-202	E1668C		--	--	--	--	**0.00333**
PCB-203	E1668C		--	--	--	--	**0.00778 J**
PCB-204	E1668C		--	--	--	--	0.00000354 U
PCB-205	E1668C		--	--	--	--	**0.000533**
PCB-206	E1668C		--	--	--	--	**0.00119**
PCB-207	E1668C		--	--	--	--	**0.000189**
PCB-208	E1668C		--	--	--	--	**0.000227**
PCB-209	E1668C		--	--	--	--	**0.0000756 J**
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	**0.81 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	**0.81 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-01-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-02-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-03-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-03-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-04-ADLT-240917 2024-09-17 N TA
Conventional Parameters (pct)								
Lipids	ENVSOPGBAY0090-00		**3.6 J**	**0.83 J**	**4.0 J**	**0.98 J**	**4.0 J**	**1.6 J**
PCB Aroclors (mg/kg)								
Aroclor 1016	SW8082A		0.125 U	0.25 U	0.125 U	0.125 U	0.125 U	0.125 U
Aroclor 1221	SW8082A		0.125 U	0.25 U	0.125 U	0.125 U	0.125 U	0.125 U
Aroclor 1232	SW8082A		0.125 U	0.25 U	0.125 U	0.125 U	0.125 U	0.125 U
Aroclor 1242	SW8082A		0.125 U	0.25 U	0.125 U	0.125 U	0.125 U	0.125 U
Aroclor 1248	SW8082A		0.125 U	0.25 U	0.125 U	0.125 U	0.125 U	0.125 U
Aroclor 1254	SW8082A		0.125 U	0.25 U	0.125 U	0.125 U	0.125 U	0.125 U
Aroclor 1260	SW8082A		**0.851**	**1.47**	**1.02**	**1.02**	**1.02**	**0.709**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.851**	**1.47**	**1.02**	**1.02**	**1.02**	**0.709**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.974**	**1.72**	**1.14**	**1.14**	**1.14**	**0.832**
PCB Congeners (mg/kg)								
PCB-001	E1668C		**0.00000343 J**	0.00000592 U	0.00000527 U	0.00000664 U	0.00000216 U	0.00000503 U
PCB-002	E1668C		0.00000197 U	0.00000569 U	0.00000489 U	0.00000597 U	0.00000212 U	0.00000425 U
PCB-003	E1668C		0.00000246 U	0.00000675 U	0.00000548 U	0.00000669 U	0.00000265 U	0.00000504 U
PCB-004	E1668C		**0.00011**	**0.0000476**	**0.0000938**	**0.0000531 J**	**0.000118**	**0.0000911**
PCB-005	E1668C		0.00000459 U	0.00000608 U	0.00000442 U	0.00000645 U	0.00000603 U	0.00000406 U
PCB-006	E1668C		**0.0000106**	**0.0000052**	**0.00000986**	**0.00000601**	**0.0000152**	**0.00000722**
PCB-007	E1668C		0.00000453 U	0.00000591 U	0.0000043 U	0.00000627 U	0.00000595 U	0.00000395 U
PCB-008	E1668C		**0.0000278 J**	**0.0000106 J**	**0.0000284 J**	**0.0000124**	**0.0000323 J**	**0.0000157**
PCB-009	E1668C		0.00000407 U	0.00000521 U	**0.00000292**	0.00000561 U	0.00000534 U	0.00000348 U
PCB-010	E1668C		**0.00000566**	0.00000535 U	**0.00000576**	0.00000439 U	**0.00000717**	**0.00000772**
PCB-011	E1668C		0.00000711 U	0.00000556 U	**0.0000121**	0.00000559 U	0.00000932 U	0.00000371 U
PCB-012/013	E1668C		0.00000433 U	0.00000619 U	**0.00000522**	0.0000062 U	0.00000569 U	0.00000413 U
PCB-014	E1668C		0.00000434 U	0.00000597 U	0.00000419 U	0.00000611 U	0.0000057 U	0.00000399 U
PCB-015	E1668C		**0.0000166**	**0.00000549**	**0.0000196**	**0.00000719**	**0.0000237**	**0.0000137**
PCB-016	E1668C		**0.0000391**	0.00000999 U	**0.0000308 J**	**0.0000124**	**0.000042**	**0.0000171**
PCB-017	E1668C		**0.000376**	**0.0000926**	**0.000353**	**0.000105**	**0.000434**	**0.000171**
PCB-018/030	E1668C		**0.000209**	**0.0000478**	**0.00019**	**0.0000513 J**	**0.000224**	**0.0000959**
PCB-019	E1668C		**0.000385**	**0.000114**	**0.000291**	**0.000147**	**0.000428**	**0.000244**
PCB-020/028	E1668C		**0.0014**	**0.000581**	**0.00133**	**0.000406**	**0.00156**	**0.000699**
PCB-021/033	E1668C		**0.000202**	**0.0000857**	**0.000182**	**0.0000634**	**0.000221**	**0.000102**
PCB-022	E1668C		**0.000116**	**0.000035 J**	**0.000103**	**0.0000287**	**0.000133**	**0.0000463**
PCB-023	E1668C		0.00000602 U	0.0000139 U	0.00000818 U	0.00000963 U	0.00000737 U	0.00000824 U
PCB-024	E1668C		0.00000331 U	0.00000652 U	0.00000603 U	0.0000082 U	0.00000447 U	0.00000656 U
PCB-025	E1668C		**0.000385**	**0.000141**	**0.000338**	**0.000106**	**0.000424**	**0.000182**
PCB-026/029	E1668C		**0.000343**	**0.00017**	**0.000295**	**0.000135**	**0.000346**	**0.00022**
PCB-027	E1668C		**0.000216**	**0.0000538**	**0.000197**	**0.0000627**	**0.00025**	**0.000111**
PCB-031	E1668C		**0.000444**	**0.000161**	**0.000395**	**0.000126**	**0.000556**	**0.000245**
PCB-032	E1668C		**0.000282**	**0.0000925**	**0.000251**	**0.0000871**	**0.000325**	**0.000141**
PCB-034	E1668C		**0.0000184**	0.000014 U	**0.000016 J**	0.00000962 U	**0.000017**	**0.00000961 J**
PCB-035	E1668C		0.00000576 U	0.0000146 U	0.0000081 U	0.00000953 U	0.00000705 U	0.00000868 U
PCB-036	E1668C		0.00000478 U	0.0000121 U	0.00000694 U	0.00000817 U	0.00000586 U	0.00000718 U
PCB-037	E1668C		**0.0000523**	0.0000147 UJ	**0.0000526**	0.00000947 U	**0.0000808**	**0.0000351**
PCB-038	E1668C		**0.0000209**	0.0000136 U	**0.0000161**	0.00000896 U	**0.0000178**	0.00000807 U
PCB-039	E1668C		0.00000548 U	0.0000135 U	0.00000764 U	0.00000899 U	0.00000671 U	0.00000802 U
PCB-040/071	E1668C		**0.00161**	**0.000958**	**0.00209**	**0.000627**	**0.00232**	**0.000938**
PCB-041	E1668C		0.00000635 U	0.0000114 U	0.00000724 U	0.00000996 U	0.00000968 U	0.00000603 U
PCB-042	E1668C		**0.00109**	**0.000636**	**0.00133**	**0.000425**	**0.00156**	**0.000576**
PCB-043	E1668C		**0.0000395**	0.00000895 UJ	**0.0000508**	0.00000813 U	**0.0000458**	**0.0000186 J**
PCB-044/047/065	E1668C		**0.0266 J**	**0.0248 J**	**0.0384 J**	**0.016 J**	**0.0386 J**	**0.0204 J**
PCB-045	E1668C		**0.00068**	0.0000102 U	0.00000737 U	0.0000101 U	**0.000724**	0.0000054 U
PCB-046	E1668C		**0.000239**	**0.0000897**	**0.000258**	**0.0000669**	**0.0003**	**0.000113**
PCB-048	E1668C		**0.0000634**	**0.0000417**	**0.000082**	0.00000835 U	**0.0000918**	**0.0000191 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-01-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-02-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-03-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-03-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-04-ADLT-240917 2024-09-17 N TA
PCB-049/069	E1668C		**0.0124 J**	**0.0102 J**	**0.0182 J**	**0.00668**	**0.0181 J**	**0.00898 J**
PCB-050/053	E1668C		**0.00348**	**0.00172**	**0.0045**	**0.00118**	**0.00473**	**0.00197**
PCB-051	E1668C		**0.00294**	**0.00196**	**0.00339**	**0.00109**	**0.00469 J**	**0.00182**
PCB-052	E1668C		**0.00658 J**	**0.00528 J**	**0.01 J**	**0.00355**	**0.00894 J**	**0.00508 J**
PCB-054	E1668C		**0.000595**	**0.000124**	**0.000518**	**0.000138**	**0.000884**	**0.000239**
PCB-055	E1668C		0.0000653 U	0.0000273 U	0.0000221 U	0.0000219 U	0.0000697 U	0.0000159 U
PCB-056	E1668C		**0.000272**	**0.000109 J**	**0.00036**	**0.000108**	**0.000427**	**0.000151**
PCB-057	E1668C		0.0000717 U	**0.000038 J**	**0.000066**	**0.0000225 J**	0.0000764 U	**0.0000417**
PCB-058	E1668C		**0.00017**	**0.000178 J**	**0.000268**	**0.00007**	**0.000175**	**0.000101**
PCB-059/062/075	E1668C		**0.000785**	**0.000519**	**0.00104**	**0.000378**	**0.00108**	**0.000462**
PCB-060	E1668C		**0.0000684**	**0.0000656**	**0.0000943**	**0.0000324 J**	**0.0001**	**0.0000328 J**
PCB-061/070/074/076	E1668C		**0.0024**	**0.00144**	**0.00348**	**0.00116**	**0.00366**	**0.00163**
PCB-063	E1668C		**0.000375**	**0.000329**	**0.000546**	**0.000215**	**0.000548**	**0.000256**
PCB-064	E1668C		**0.000652**	**0.000341**	**0.000824**	**0.000261**	**0.000975**	**0.000322**
PCB-066	E1668C		**0.00383**	**0.00343**	**0.00587 J**	**0.00231**	**0.00539 J**	**0.00259**
PCB-067	E1668C		0.0000639 U	**0.000171**	**0.000323**	**0.000157**	**0.000104 J**	**0.000119**
PCB-068	E1668C		**0.00102**	**0.00104**	**0.00148**	**0.000652**	**0.00144**	**0.000715**
PCB-072	E1668C		**0.000583**	**0.000585**	**0.000904**	**0.000373**	**0.000846**	**0.00045**
PCB-073	E1668C		**0.000338**	**0.000199**	**0.000507**	**0.000157**	**0.000526**	**0.000229**
PCB-077	E1668C		**0.000231**	**0.0000568 J**	**0.000261**	**0.000066**	**0.000257**	**0.0000938**
PCB-078	E1668C		0.0000703 U	**0.000064 J**	**0.0000623**	0.0000248 U	0.000075 U	**0.0000236 J**
PCB-079	E1668C		**0.000188**	**0.000187**	**0.000304**	**0.00015**	**0.000287**	**0.000128**
PCB-080	E1668C		0.0000652 U	0.0000281 U	**0.000842**	**0.000387**	0.0000695 U	**0.000345**
PCB-081	E1668C		0.0000723 U	0.0000342 U	0.0000272 U	0.000027 U	0.0000771 U	0.000020 U
PCB-082	E1668C		**0.000883**	**0.000547 J**	**0.000821**	**0.000392**	**0.000935**	**0.000344**
PCB-083	E1668C		**0.00357**	**0.00109**	**0.000922**	0.0000183 U	**0.00277**	**0.000386**
PCB-084	E1668C		**0.00235**	**0.00104**	**0.00195**	**0.000729**	**0.00228**	**0.000762**
PCB-085/116	E1668C		**0.00425**	**0.00372**	**0.00388**	**0.00213**	**0.00445**	**0.002**
PCB-086/087/097/109/119/125	E1668C		**0.0161**	**0.0126**	**0.0163**	**0.00808**	**0.0181**	**0.00743**
PCB-088	E1668C		0.000121 U	0.0000192 U	0.0000362 U	0.000017 U	0.000166 U	0.0000106 U
PCB-089	E1668C		0.000103 U	**0.0000229 J**	0.000034 U	0.000016 U	0.000142 U	**0.0000118**
PCB-090/101/113	E1668C		**0.0564 J**	**0.0535 J**	**0.0637 J**	**0.0327 J**	**0.0672 J**	**0.0303 J**
PCB-091	E1668C		**0.0092 J**	**0.00706 J**	**0.011 J**	**0.00542 J**	**0.0101 J**	**0.00476 J**
PCB-092	E1668C		**0.0158 J**	**0.0129 J**	**0.018 J**	**0.00852 J**	**0.0173 J**	**0.00784 J**
PCB-093/100	E1668C		**0.00666**	**0.00542**	**0.00758**	**0.00408**	**0.00815 J**	**0.00361**
PCB-094	E1668C		**0.00127**	**0.000477**	**0.00116**	**0.000339**	**0.00128**	**0.000441**
PCB-095	E1668C		**0.0185 J**	**0.0118 J**	**0.0208 J**	**0.00815 J**	**0.0195 J**	**0.00868 J**
PCB-096	E1668C		**0.000587**	**0.000169**	**0.00046**	**0.000141**	**0.000517**	**0.00015**
PCB-098	E1668C		**0.000329**	**0.000111**	**0.000311**	**0.0000926**	**0.000276**	**0.0000674**
PCB-099	E1668C		**0.0371 J**	**0.0229 J**	**0.0311 J**	**0.0171 J**	**0.0434 J**	**0.0131 J**
PCB-102	E1668C		**0.00081**	**0.000502**	**0.000827**	**0.000389**	**0.001**	**0.000357**
PCB-103	E1668C		**0.00316**	**0.00239**	**0.00336**	**0.00166**	**0.00367**	**0.00159**
PCB-104	E1668C		**0.000428**	**0.000103**	**0.000318**	**0.0000806**	**0.000414**	**0.000116**
PCB-105	E1668C		**0.00576 J**	**0.00569 J**	**0.00785 J**	**0.00438 J**	**0.00641 J**	**0.00335**
PCB-106	E1668C		0.0000734 U	0.0000114 U	0.0000251 U	0.0000118 U	0.000101 U	0.00000629 U
PCB-107	E1668C		**0.00388**	**0.00283**	**0.00385**	**0.00193**	**0.00426 J**	**0.00166**
PCB-108/124	E1668C		**0.00115**	**0.000846**	**0.00117**	**0.000534**	**0.00132**	**0.000534**
PCB-110	E1668C		**0.0343 J**	**0.0163 J**	**0.0307 J**	**0.0125 J**	**0.0388 J**	**0.01 J**
PCB-111	E1668C		**0.000472**	**0.000438**	**0.000448**	**0.00027**	**0.000517**	**0.000225**
PCB-112	E1668C		0.0000676 U	**0.0000918 J**	**0.0000664**	**0.0000385**	0.0000928 U	0.00000573 U
PCB-114	E1668C		**0.000401**	**0.000462**	**0.000566**	**0.000429**	**0.000432**	**0.000285**
PCB-115	E1668C		0.0000598 U	0.0000118 U	0.000021 U	0.0000099 U	0.0000821 U	0.00000649 U
PCB-117	E1668C		**0.00263**	**0.00225**	**0.00251**	**0.00149**	**0.00312**	**0.00121**
PCB-118	E1668C		**0.0207 J**	**0.0216 J**	**0.0262 J**	**0.0154 J**	**0.0229 J**	**0.0106 J**
PCB-120	E1668C		**0.00128**	**0.00097**	**0.00131**	**0.000667**	**0.00132**	**0.000556**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-01-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-02-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-03-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-03-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-04-ADLT-240917 2024-09-17 N TA
PCB-121	E1668C		**0.000236**	**0.000203**	**0.00022**	**0.000139**	**0.000259**	**0.000123**
PCB-122	E1668C		**0.000272**	**0.000167**	**0.000264**	**0.000139**	**0.000258**	**0.000125**
PCB-123	E1668C		**0.000498**	**0.000538**	**0.00057**	**0.000348**	**0.000577**	**0.000268**
PCB-126	E1668C		**0.000139**	**0.0000956 J**	**0.000197**	**0.0000914**	**0.000154**	**0.0000748**
PCB-127	E1668C		**0.00012**	**0.000141**	0.0000302 U	0.0000142 U	0.0000936 U	0.00000619 U
PCB-128/166	E1668C		**0.00971 J**	**0.0131 J**	**0.0143 J**	**0.0112 J**	**0.0128 J**	**0.00655**
PCB-129/138/163	E1668C		**0.169 J**	**0.159 J**	**0.148 J**	**0.109 J**	**0.184 J**	**0.0767 J**
PCB-130	E1668C		**0.00727 J**	**0.0089 J**	**0.00763 J**	**0.0058 J**	**0.00775 J**	**0.00428 J**
PCB-131	E1668C		**0.000359**	**0.000311**	**0.000367**	**0.000244**	**0.0004**	**0.000172**
PCB-132	E1668C		**0.0168 J**	**0.0127 J**	**0.0168 J**	**0.0103 J**	**0.0166 J**	**0.00737 J**
PCB-133	E1668C		**0.0041 J**	**0.00485 J**	**0.00433 J**	**0.0032**	**0.00451 J**	**0.00247**
PCB-134	E1668C		**0.00348**	**0.00317**	**0.00386**	**0.00244**	**0.00344**	**0.00173**
PCB-135/151	E1668C		**0.0432 J**	**0.0383 J**	**0.0467 J**	**0.0294 J**	**0.0431 J**	**0.0223 J**
PCB-136	E1668C		**0.00872 J**	**0.00462 J**	**0.0112 J**	**0.00579 J**	**0.00838 J**	**0.00303**
PCB-137	E1668C		**0.00248**	**0.00307**	**0.00268**	**0.00192**	**0.00292**	**0.00138**
PCB-139/140	E1668C		**0.00135**	**0.00118**	**0.00137**	**0.0009**	**0.0015**	**0.000689**
PCB-141	E1668C		**0.0247 J**	**0.0285 J**	**0.0268 J**	**0.0187 J**	**0.0281 J**	**0.0139 J**
PCB-142	E1668C		0.0000115 U	0.0000243 U	0.00000586 U	0.0000106 U	0.0000112 U	0.0000155 U
PCB-143	E1668C		0.0000121 U	0.0000224 U	0.00000509 U	0.00000924 U	0.0000118 U	0.0000143 U
PCB-144	E1668C		**0.00417 J**	**0.00443 J**	**0.00431 J**	**0.00302**	**0.00451 J**	**0.00242**
PCB-145	E1668C		0.00000848 U	0.0000136 U	0.00000626 U	0.00000897 U	0.00000718 U	0.0000061 U
PCB-146	E1668C		**0.0322 J**	**0.0371 J**	**0.0353 J**	**0.0257 J**	**0.0357 J**	**0.019 J**
PCB-147/149	E1668C		**0.0912 J**	**0.1 J**	**0.104 J**	**0.0687 J**	**0.0992 J**	**0.0533 J**
PCB-148	E1668C		**0.000825**	**0.000669**	**0.000898**	**0.000552**	**0.000917**	**0.000432**
PCB-150	E1668C		**0.000726**	**0.000513**	**0.000952**	**0.00055**	**0.000779**	**0.00031**
PCB-152	E1668C		**0.000336**	**0.000129**	**0.000414**	**0.000184**	**0.000341**	**0.000104**
PCB-153/168	E1668C		**0.18 J**	**0.201 J**	**0.198 J**	**0.137 J**	**0.196 J**	**0.102 J**
PCB-154	E1668C		**0.0047 J**	**0.004 J**	**0.00508 J**	**0.00327**	**0.00543 J**	**0.00247**
PCB-155	E1668C		**0.0000918**	**0.0000965**	**0.000133**	**0.000108**	**0.000107**	**0.0000534**
PCB-156/157	E1668C		**0.00674**	**0.00782 J**	**0.00824 J**	**0.00572**	**0.00749**	**0.00394**
PCB-158	E1668C		**0.00884 J**	**0.0094 J**	**0.00906 J**	**0.00678 J**	**0.00931 J**	**0.00478 J**
PCB-159	E1668C		**0.00161**	**0.00206**	**0.00241**	**0.00185**	**0.00206**	**0.00109**
PCB-160	E1668C		0.00000634 U	0.0000178 U	0.0000044 U	0.00000799 U	0.00000617 U	0.0000114 U
PCB-161	E1668C		0.00000764 U	0.0000149 U	0.00000374 U	0.0000068 U	**0.0000499**	0.00000949 U
PCB-162	E1668C		**0.000806**	**0.000826**	**0.00102**	**0.000691**	**0.00102**	**0.000437**
PCB-164	E1668C		**0.00814 J**	**0.00828 J**	**0.00844 J**	**0.00568 J**	**0.00858 J**	**0.00405 J**
PCB-165	E1668C		**0.00085**	**0.000614**	**0.000539**	**0.000413**	**0.000906**	**0.000302**
PCB-167	E1668C		**0.00461 J**	**0.00567 J**	**0.00616 J**	**0.00472 J**	**0.00583 J**	**0.00272**
PCB-169	E1668C		**0.000586**	**0.00114**	**0.000825**	**0.000765**	**0.000655**	**0.000673**
PCB-170	E1668C		**0.0332 J**	**0.048 J**	**0.0458 J**	**0.0338 J**	**0.0406 J**	**0.0205 J**
PCB-171/173	E1668C		**0.00742**	**0.0084 J**	**0.00964 J**	**0.00835 J**	**0.0101 J**	**0.00512**
PCB-172	E1668C		**0.00768 J**	**0.00973 J**	**0.00959 J**	**0.00805 J**	**0.0107 J**	**0.00527 J**
PCB-174	E1668C		**0.0288 J**	**0.0338 J**	**0.0398 J**	**0.0307 J**	**0.0376 J**	**0.0196 J**
PCB-175	E1668C		**0.00132**	**0.00152**	**0.00165**	**0.00138**	**0.00178**	**0.000965**
PCB-176	E1668C		**0.00481 J**	**0.00395 J**	**0.00514 J**	**0.00386 J**	**0.00434 J**	**0.00201**
PCB-177	E1668C		**0.0195 J**	**0.027 J**	**0.0256 J**	**0.025 J**	**0.0242 J**	**0.0147 J**
PCB-178	E1668C		**0.0159 J**	**0.0183 J**	**0.0173 J**	**0.0155 J**	**0.0154 J**	**0.00796 J**
PCB-179	E1668C		**0.0155 J**	**0.00864 J**	**0.016 J**	**0.0103 J**	**0.0127 J**	**0.00513 J**
PCB-180/193	E1668C		**0.092 J**	**0.121 J**	**0.12 J**	**0.105 J**	**0.128 J**	**0.0659 J**
PCB-181	E1668C		**0.000211**	**0.000243**	0.0000241 U	**0.000231**	**0.000283**	**0.000147**
PCB-182	E1668C		**0.000303**	**0.000383**	**0.000434**	**0.000341**	**0.000364**	**0.000205**
PCB-183	E1668C		**0.0208 J**	**0.0237 J**	**0.0289 J**	**0.0226 J**	**0.0286 J**	**0.0148 J**
PCB-184	E1668C		**0.0000405**	**0.0000278**	**0.0000442 J**	**0.0000396**	**0.0000299 J**	0.00000782 U
PCB-185	E1668C		**0.00502 J**	**0.00499 J**	**0.00689 J**	**0.00474 J**	**0.007 J**	**0.00314**
PCB-186	E1668C		0.00000607 U	0.0000118 U	**0.00000712 J**	0.00000547 U	0.00000539 U	0.00000698 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-01-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-02-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-03-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-03-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-04-ADLT-240917 2024-09-17 N TA
PCB-187	E1668C		**0.0555 J**	**0.0796 J**	**0.0882 J**	**0.073 J**	**0.0753 J**	**0.047 J**
PCB-188	E1668C		**0.000225**	**0.000251**	**0.00026**	**0.000221**	**0.00019**	**0.000123**
PCB-189	E1668C		**0.00174**	**0.00185**	**0.00196**	**0.00157**	**0.00181**	**0.00112**
PCB-190	E1668C		**0.00983 J**	**0.012 J**	**0.0144 J**	**0.00955 J**	**0.0119 J**	**0.00538 J**
PCB-191	E1668C		**0.00144**	**0.00162**	**0.00164**	**0.00132**	**0.00185**	**0.00091**
PCB-192	E1668C		0.0000164 U	0.0000309 U	0.0000189 U	0.0000197 U	0.0000298 U	0.0000174 U
PCB-194	E1668C		**0.0103 J**	**0.0151 J**	**0.0145 J**	**0.0117 J**	**0.0128 J**	**0.0087 J**
PCB-195	E1668C		**0.00425 J**	**0.00615 J**	**0.00571 J**	**0.00487 J**	**0.00513 J**	**0.0037**
PCB-196	E1668C		**0.00625 J**	**0.00717 J**	**0.00778 J**	**0.00669 J**	**0.00721 J**	**0.00386**
PCB-197	E1668C		**0.000699**	**0.000656**	**0.000823**	**0.000681**	**0.000735**	**0.000377**
PCB-198/199	E1668C		**0.0152 J**	**0.0179 J**	**0.019 J**	**0.0171 J**	**0.0165 J**	**0.00908 J**
PCB-200	E1668C		**0.00188**	**0.00129**	**0.00222**	**0.00158**	**0.0019**	**0.000837**
PCB-201	E1668C		**0.00225**	**0.00206 J**	**0.00267**	**0.00212**	**0.00234**	**0.00115**
PCB-202	E1668C		**0.00298**	**0.00445 J**	**0.00372**	**0.00391 J**	**0.0032**	**0.00215**
PCB-203	E1668C		**0.0115 J**	**0.0112 J**	**0.0145 J**	**0.0107 J**	**0.0125 J**	**0.00624 J**
PCB-204	E1668C		**0.00000365 J**	0.00000888 U	**0.00000408**	0.00000333 U	**0.0000066**	0.00000313 U
PCB-205	E1668C		**0.000748**	**0.000776**	**0.000857**	**0.000627**	**0.000911**	**0.000515**
PCB-206	E1668C		**0.00137**	**0.00147**	**0.00204**	**0.0017**	**0.00163**	**0.00121**
PCB-207	E1668C		**0.000249**	**0.000255**	**0.000331**	**0.000267**	**0.000283**	**0.000191**
PCB-208	E1668C		**0.000315**	**0.000352**	**0.000457**	**0.00036**	**0.000369**	**0.000261**
PCB-209	E1668C		**0.000106**	**0.0000935 J**	**0.000141**	**0.000113**	**0.000129**	**0.0000818**
Total PCB Congener (U = 0 max limit)	Calculated		**1.3 J**	**1.4 J**	**1.5 J**	**1.0 J**	**1.6 J**	**0.76 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**1.3 J**	**1.4 J**	**1.5 J**	**1.0 J**	**1.6 J**	**0.76 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-04-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-05-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-06-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-06-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-07-ADLT-240917 2024-09-17 N TA
Conventional Parameters (pct)								
Lipids	ENVSOPGBAY0090-00		**3.6 J**	**1.6 J**	**4.0 J**	**1.2 J**	**3.7 J**	**1.2 J**
PCB Aroclors (mg/kg)								
Aroclor 1016	SW8082A		0.125 U	0.10 U	0.125 U	0.125 U	0.125 U	0.10 U
Aroclor 1221	SW8082A		0.125 U	0.10 U	0.125 U	0.125 U	0.125 U	0.10 U
Aroclor 1232	SW8082A		0.125 U	0.10 U	0.125 U	0.125 U	0.125 U	0.10 U
Aroclor 1242	SW8082A		0.125 U	0.10 U	0.125 U	0.125 U	0.125 U	0.10 U
Aroclor 1248	SW8082A		0.125 U	0.10 U	0.125 U	0.125 U	0.125 U	0.10 U
Aroclor 1254	SW8082A		0.125 U	0.10 U	0.125 U	0.125 U	0.125 U	0.10 U
Aroclor 1260	SW8082A		**0.913**	**0.728**	**1.11**	**0.804**	**1.06**	**0.931**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.913**	**0.728**	**1.11**	**0.804**	**1.06**	**0.931**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**1.04**	**0.827**	**1.23**	**0.928**	**1.18**	**1.03**
PCB Congeners (mg/kg)								
PCB-001	E1668C		**0.00000367 J**	0.00000382 U	0.00000465 U	0.00000782 U	0.00000176 U	0.00000485 U
PCB-002	E1668C		0.00000166 U	0.00000362 U	0.0000042 U	0.00000747 U	0.00000171 U	0.00000459 U
PCB-003	E1668C		0.00000207 U	0.00000406 U	0.00000483 U	0.00000886 U	0.00000214 U	0.00000544 U
PCB-004	E1668C		**0.000122**	**0.000113**	**0.000108**	**0.0000732**	**0.000119**	**0.0000547**
PCB-005	E1668C		0.00000412 U	0.00000275 U	0.00000347 U	0.00000387 U	0.00000486 U	0.00000332 U
PCB-006	E1668C		**0.0000118**	**0.00000808**	**0.0000115 J**	**0.00000814**	**0.00000937**	**0.0000046**
PCB-007	E1668C		0.00000407 U	0.00000268 U	0.00000334 U	0.00000376 U	0.00000479 U	0.00000323 U
PCB-008	E1668C		**0.0000299 J**	**0.0000158 J**	**0.0000299 J**	**0.0000148**	**0.0000318 J**	**0.0000107 J**
PCB-009	E1668C		0.00000365 U	0.00000239 U	0.00000299 U	0.00000332 U	**0.00000411**	0.00000284 U
PCB-010	E1668C		**0.00000813**	**0.00000671**	**0.00000615**	0.00000314 U	**0.00000868**	**0.00000492**
PCB-011	E1668C		0.00000437 U	0.00000372 U	0.00000979 U	0.00000354 U	0.00000633 U	0.00000303 U
PCB-012/013	E1668C		0.00000389 U	0.00000265 U	0.00000328 U	0.00000394 U	0.00000458 U	0.00000337 U
PCB-014	E1668C		0.00000389 U	0.00000261 U	0.0000033 U	0.0000038 U	0.00000459 U	0.00000326 U
PCB-015	E1668C		**0.0000166**	**0.0000181 J**	**0.0000155**	**0.0000136**	**0.0000195 J**	**0.0000091**
PCB-016	E1668C		**0.0000407**	**0.0000194**	**0.0000388**	**0.0000168 J**	**0.0000414**	**0.0000179**
PCB-017	E1668C		**0.000408**	**0.000178**	**0.000372**	**0.000156**	**0.000435**	**0.000142**
PCB-018/030	E1668C		**0.000234**	**0.000102**	**0.000215**	**0.0000921**	**0.000245**	**0.0000787**
PCB-019	E1668C		**0.000389**	**0.000286**	**0.000404**	**0.000237**	**0.000423**	**0.000188**
PCB-020/028	E1668C		**0.00132**	**0.000721**	**0.00166**	**0.000564**	**0.00126**	**0.000559**
PCB-021/033	E1668C		**0.000206**	**0.0000874**	**0.000196**	**0.0000921**	**0.000193**	**0.0000921**
PCB-022	E1668C		**0.000114**	**0.0000526**	**0.000126**	**0.0000386 J**	**0.000107**	**0.000039 J**
PCB-023	E1668C		0.00000487 U	0.00000631 U	0.00000932 U	0.0000164 U	0.00000732 U	0.0000111 U
PCB-024	E1668C		0.00000267 U	0.00000453 U	0.00000534 U	0.00000911 U	0.00000435 U	0.00000669 U
PCB-025	E1668C		**0.000373**	**0.000174**	**0.000262**	**0.000147**	**0.000359**	**0.000143**
PCB-026/029	E1668C		**0.000352**	**0.000202**	**0.0004**	**0.000164**	**0.000324**	**0.000193**
PCB-027	E1668C		**0.000225**	**0.000117**	**0.000243**	**0.000102**	**0.000243**	**0.0000923**
PCB-031	E1668C		**0.00043**	**0.00024**	**0.000502**	**0.000181**	**0.000393**	**0.000176**
PCB-032	E1668C		**0.000291**	**0.00016**	**0.000302**	**0.000144**	**0.000306**	**0.000126**
PCB-034	E1668C		**0.0000163 J**	**0.00000739**	**0.0000168 J**	0.0000165 U	**0.0000141**	0.0000111 U
PCB-035	E1668C		0.00000466 U	0.00000625 U	0.00000886 U	0.0000173 U	0.0000070 U	0.0000117 U
PCB-036	E1668C		0.00000387 U	0.00000535 U	0.00000786 U	0.0000143 U	0.00000582 U	0.00000964 U
PCB-037	E1668C		**0.0000557**	**0.000042**	**0.0000506**	**0.0000272**	**0.0000547**	0.0000117 U
PCB-038	E1668C		**0.0000194 J**	**0.0000102**	0.00000834 U	0.000016 U	0.00000655 U	0.0000108 U
PCB-039	E1668C		0.00000443 U	0.00000589 U	0.00000851 U	0.000016 U	0.00000666 U	0.0000108 U
PCB-040/071	E1668C		**0.00201**	**0.00075**	**0.00225**	**0.000963**	**0.00192**	**0.000729**
PCB-041	E1668C		0.00000552 U	0.00000551 U	0.00000947 U	0.0000128 U	0.00000569 U	0.00000945 U
PCB-042	E1668C		**0.00136**	**0.00051**	**0.00144**	**0.000582**	**0.0013**	**0.000457**
PCB-043	E1668C		**0.0000481**	**0.0000196**	0.00000808 U	**0.0000223**	**0.0000517**	0.00000744 U
PCB-044/047/065	E1668C		**0.0331 J**	**0.0189 J**	**0.0393 J**	**0.0205 J**	**0.0333 J**	**0.0189 J**
PCB-045	E1668C		**0.000376**	0.00000561 U	**0.00099**	0.0000114 U	**0.000338**	0.00000846 U
PCB-046	E1668C		**0.000288**	**0.000102**	**0.000314**	**0.000123**	**0.000295**	**0.0000863**
PCB-048	E1668C		**0.0000763**	**0.0000301**	**0.0000872**	0.0000104 U	**0.0000809**	**0.0000219 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-04-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-05-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-06-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-06-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-07-ADLT-240917 2024-09-17 N TA
PCB-049/069	E1668C		**0.0157 J**	**0.008 J**	**0.0189 J**	**0.00896 J**	**0.0153 J**	**0.0078**
PCB-050/053	E1668C		**0.00435**	**0.00162**	**0.00531**	**0.00203**	**0.00422**	**0.00146**
PCB-051	E1668C		**0.00438 J**	**0.00137**	**0.00313**	**0.00203**	**0.00448 J**	**0.00154**
PCB-052	E1668C		**0.00848 J**	**0.00435 J**	**0.0104 J**	**0.00523 J**	**0.00823 J**	**0.00428 J**
PCB-054	E1668C		**0.000789**	**0.000211**	**0.000675**	**0.000245**	**0.000716**	**0.000183**
PCB-055	E1668C		0.0000616 U	0.0000128 U	0.0000174 U	0.0000255 U	0.0000459 U	0.0000216 U
PCB-056	E1668C		**0.000346**	**0.000154**	**0.00041**	**0.000159**	**0.000338**	**0.000117**
PCB-057	E1668C		0.0000676 U	**0.0000354**	**0.0000801**	**0.000036**	0.0000503 U	**0.000033 J**
PCB-058	E1668C		**0.000205**	**0.0000701 J**	**0.0002**	**0.000113**	**0.000224**	**0.000133**
PCB-059/062/075	E1668C		**0.000932**	**0.000416**	**0.00104**	**0.000484**	**0.000985**	**0.00042**
PCB-060	E1668C		0.0000758 U	**0.0000395**	**0.000106**	**0.0000451**	**0.0000892**	**0.0000363 J**
PCB-061/070/074/076	E1668C		**0.00306**	**0.0015**	**0.00357**	**0.00157**	**0.00302**	**0.00133**
PCB-063	E1668C		**0.000486**	**0.00026**	**0.00057**	**0.00025**	**0.000489**	**0.000259**
PCB-064	E1668C		**0.000862**	**0.000293**	**0.000881**	**0.000354**	**0.000832**	**0.00029**
PCB-066	E1668C		**0.0048 J**	**0.0026**	**0.00614**	**0.00264**	**0.0047 J**	**0.0026**
PCB-067	E1668C		**0.0000622**	**0.000115**	**0.000222**	**0.000115**	0.0000449 U	**0.000148**
PCB-068	E1668C		**0.00132**	**0.000742**	**0.0015**	**0.00076**	**0.00133**	**0.0007**
PCB-072	E1668C		**0.000744**	**0.000425**	**0.000934**	**0.000468**	**0.000749**	**0.000451**
PCB-073	E1668C		**0.000498**	**0.000185**	**0.000516**	**0.000233**	**0.000422**	**0.000173**
PCB-077	E1668C		**0.000243**	**0.000126**	**0.000266**	**0.000097**	**0.000265**	**0.000103**
PCB-078	E1668C		0.0000663 U	**0.0000295**	**0.0000344**	**0.0000333**	0.0000493 U	**0.000039**
PCB-079	E1668C		**0.00025**	**0.000137**	**0.000215**	**0.000132**	**0.000263**	**0.000144**
PCB-080	E1668C		0.0000615 U	0.000013 U	0.0000177 U	0.0000263 U	0.0000458 U	**0.000401**
PCB-081	E1668C		0.0000682 U	0.0000157 U	0.0000191 U	0.0000319 U	0.0000507 U	0.0000271 U
PCB-082	E1668C		**0.000884**	**0.000326**	**0.000962**	**0.000412**	**0.000925**	**0.000431**
PCB-083	E1668C		**0.00421 J**	0.0000296 U	**0.00356**	**0.000678**	**0.00145**	**0.000492**
PCB-084	E1668C		**0.00238**	**0.000682**	**0.00265**	**0.000855**	**0.00238**	**0.000919**
PCB-085/116	E1668C		**0.00429**	**0.00214**	**0.00465**	**0.0022**	**0.00451**	**0.0027**
PCB-086/087/097/109/119/125	E1668C		**0.0163**	**0.00807**	**0.0184**	**0.008**	**0.0171**	**0.00947**
PCB-088	E1668C		0.000137 U	0.0000276 U	0.0000446 U	0.0000157 U	0.00012 U	0.00000798 U
PCB-089	E1668C		0.000117 U	0.0000259 U	0.0000399 U	0.0000134 U	0.000102 U	**0.00000825 J**
PCB-090/101/113	E1668C		**0.058 J**	**0.0345 J**	**0.068 J**	**0.0317 J**	**0.0613 J**	**0.0393 J**
PCB-091	E1668C		**0.00956 J**	**0.00495 J**	**0.0117 J**	**0.00491 J**	**0.00976 J**	**0.00603 J**
PCB-092	E1668C		**0.0163 J**	**0.00813 J**	**0.02 J**	**0.00826 J**	**0.017 J**	**0.0101 J**
PCB-093/100	E1668C		**0.00734**	**0.00334**	**0.00858**	**0.00374**	**0.00712**	**0.00487**
PCB-094	E1668C		**0.00128**	**0.000357**	**0.0015**	**0.000476**	**0.00128**	**0.000456**
PCB-095	E1668C		**0.0187 J**	**0.00812 J**	**0.0247 J**	**0.00915 J**	**0.0196 J**	**0.00988 J**
PCB-096	E1668C		**0.000554**	**0.000142**	**0.000508**	**0.000171**	**0.000549**	**0.000174**
PCB-098	E1668C		**0.000317**	**0.0000891**	**0.000159**	**0.0000446**	**0.000348**	**0.0000686**
PCB-099	E1668C		**0.037 J**	**0.0174 J**	**0.0319 J**	**0.0136 J**	**0.0435 J**	**0.0168 J**
PCB-102	E1668C		**0.000808**	**0.000343**	**0.00111**	**0.00044**	**0.000837**	**0.000486**
PCB-103	E1668C		**0.00325**	**0.00149**	**0.00386**	**0.00167**	**0.00342**	**0.00201**
PCB-104	E1668C		**0.000417**	**0.0000842**	**0.000346**	**0.000117**	**0.000441**	**0.000113**
PCB-105	E1668C		**0.00629 J**	**0.00409 J**	**0.00759**	**0.00371**	**0.00694 J**	**0.00498 J**
PCB-106	E1668C		0.000083 U	0.0000191 U	0.000028 U	0.00000932 U	0.0000727 U	0.00000474 U
PCB-107	E1668C		**0.00385**	**0.00187**	**0.00428**	**0.00179**	**0.0042 J**	**0.0022**
PCB-108/124	E1668C		**0.00116**	**0.000627**	**0.00122**	**0.000585**	**0.00121**	**0.000636**
PCB-110	E1668C		**0.0353 J**	**0.0127 J**	**0.03 J**	**0.0106 J**	**0.0361 J**	**0.0128 J**
PCB-111	E1668C		**0.000467**	**0.00026**	**0.000488**	**0.000248**	**0.000492**	**0.000311**
PCB-112	E1668C		**0.000086**	**0.0000383**	**0.000101**	**0.0000548**	**0.0000934**	0.00000431 U
PCB-114	E1668C		**0.000445**	**0.000306**	**0.000563**	**0.000314**	**0.000473**	**0.000444**
PCB-115	E1668C		0.0000676 U	0.000016 U	0.000028 U	0.00000961 U	0.0000592 U	0.00000489 U
PCB-117	E1668C		**0.00263**	**0.00143**	**0.00307**	**0.0013**	**0.00275**	**0.00158**
PCB-118	E1668C		**0.0251 J**	**0.0138 J**	**0.0283 J**	**0.0105 J**	**0.0259 J**	**0.0179 J**
PCB-120	E1668C		**0.00124**	**0.000615**	**0.00133**	**0.000639**	**0.00134**	**0.000757**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-04-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-05-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-06-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-06-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-07-ADLT-240917 2024-09-17 N TA
PCB-121	E1668C		**0.000237**	**0.000116**	**0.000254**	**0.000129**	**0.000247**	**0.000161**
PCB-122	E1668C		**0.000268**	**0.000122**	**0.000308**	**0.00013**	0.000112 U	**0.000169**
PCB-123	E1668C		**0.000565**	**0.000323**	**0.00072**	**0.000307**	**0.000514**	**0.000362**
PCB-126	E1668C		**0.000198 J**	**0.0000969**	**0.000194**	**0.0000615 J**	**0.000203 J**	**0.000122 J**
PCB-127	E1668C		0.0000729 U	**0.0000951**	0.000032 U	0.00000585 U	0.0000826 U	0.0000046 U
PCB-128/166	E1668C		**0.0118 J**	**0.00866 J**	**0.0127**	**0.00909 J**	**0.0111 J**	**0.0126 J**
PCB-129/138/163	E1668C		**0.194 J**	**0.0862 J**	**0.194 J**	**0.092 J**	**0.201 J**	**0.111 J**
PCB-130	E1668C		**0.00847 J**	**0.00488 J**	**0.00855 J**	**0.00535 J**	**0.00872 J**	**0.00603 J**
PCB-131	E1668C		0.00000886 U	**0.000158**	**0.000419**	**0.0002**	**0.000449**	**0.000209**
PCB-132	E1668C		**0.0194 J**	**0.00662 J**	**0.0195 J**	**0.00939 J**	**0.0197 J**	**0.0105 J**
PCB-133	E1668C		**0.00467 J**	**0.00267**	**0.0049**	**0.00304**	**0.005 J**	**0.00342**
PCB-134	E1668C		**0.00392 J**	**0.0018**	**0.00456**	**0.00219**	**0.00397 J**	**0.00237**
PCB-135/151	E1668C		**0.0509 J**	**0.0192 J**	**0.0428 J**	**0.0278 J**	**0.0521 J**	**0.0305 J**
PCB-136	E1668C		**0.0098 J**	**0.00303**	**0.0113 J**	**0.00451 J**	**0.0116 J**	**0.00615 J**
PCB-137	E1668C		**0.00294**	**0.0016**	**0.00297**	**0.00187**	**0.00304**	**0.00206**
PCB-139/140	E1668C		**0.00161**	**0.000562**	**0.0016**	**0.000829**	**0.00169**	**0.000973**
PCB-141	E1668C		**0.0281 J**	**0.0158 J**	**0.0278 J**	**0.0169 J**	**0.0295 J**	**0.0184 J**
PCB-142	E1668C		0.00000882 U	0.00000539 U	0.0000134 U	0.0000168 U	0.0000102 U	0.0000123 U
PCB-143	E1668C		0.0000093 U	0.00000468 U	0.0000124 U	0.0000155 U	0.0000107 U	0.0000114 U
PCB-144	E1668C		**0.00461 J**	**0.00217**	**0.0048**	**0.00294**	**0.00486 J**	**0.00331**
PCB-145	E1668C		**0.00000747 J**	**0.0000036 J**	0.0000112 U	0.000014 U	0.00000763 U	0.0000124 U
PCB-146	E1668C		**0.0372 J**	**0.021 J**	**0.0381 J**	**0.023 J**	**0.0387 J**	**0.0253 J**
PCB-147/149	E1668C		**0.106 J**	**0.0512 J**	**0.11 J**	**0.064 J**	**0.108 J**	**0.0747 J**
PCB-148	E1668C		**0.000991**	**0.000358**	**0.00099**	**0.000509**	**0.00102**	**0.000545**
PCB-150	E1668C		**0.000816**	**0.000311**	**0.00092**	**0.000411**	**0.000963**	**0.000595**
PCB-152	E1668C		**0.000359**	**0.0000875**	**0.000404**	**0.000152**	**0.00042**	**0.000203**
PCB-153/168	E1668C		**0.207 J**	**0.117 J**	**0.209 J**	**0.123 J**	**0.217 J**	**0.136 J**
PCB-154	E1668C		**0.00528 J**	**0.00229**	**0.00565**	**0.003**	**0.00563 J**	**0.0032**
PCB-155	E1668C		**0.000108**	**0.0000695**	**0.000145**	**0.0000765 J**	**0.000124**	**0.000118**
PCB-156/157	E1668C		**0.00751**	**0.00499**	**0.00896**	**0.00466**	**0.00775**	**0.00585**
PCB-158	E1668C		**0.0102 J**	**0.00522 J**	**0.00985 J**	**0.00588 J**	**0.0107 J**	**0.00688 J**
PCB-159	E1668C		**0.00195**	**0.00127**	**0.00186**	**0.00162**	**0.00189**	**0.00221**
PCB-160	E1668C		0.00000486 U	0.00000404 U	0.00000701 U	0.0000123 U	0.00000561 U	0.00000902 U
PCB-161	E1668C		0.00000586 U	0.00000344 U	0.00000854 U	0.0000103 U	**0.000076**	**0.0000528**
PCB-162	E1668C		**0.000921**	**0.000574**	**0.00105**	**0.000639**	**0.000878**	**0.000769**
PCB-164	E1668C		**0.00941 J**	**0.00465 J**	**0.00866 J**	**0.00522 J**	**0.00979 J**	**0.00563 J**
PCB-165	E1668C		**0.000989**	**0.00033**	**0.000914**	**0.000308**	**0.00111**	**0.000444**
PCB-167	E1668C		**0.00535 J**	**0.00393**	**0.00658**	**0.00381 J**	**0.00498 J**	**0.00485 J**
PCB-169	E1668C		**0.0007**	**0.000616**	**0.000424**	**0.00105**	**0.000693**	**0.000786**
PCB-170	E1668C		**0.0396 J**	**0.026 J**	**0.0435 J**	**0.0306 J**	**0.0434 J**	**0.0361 J**
PCB-171/173	E1668C		**0.00894 J**	**0.00522**	**0.00965**	**0.00665**	**0.01 J**	**0.00931 J**
PCB-172	E1668C		**0.00897 J**	**0.00682 J**	**0.00901 J**	**0.00685 J**	**0.0104 J**	**0.00899 J**
PCB-174	E1668C		**0.0341 J**	**0.0213 J**	**0.0386 J**	**0.0265 J**	**0.0394 J**	**0.0377 J**
PCB-175	E1668C		**0.00149**	**0.000947**	**0.00173**	**0.00125**	**0.00175**	**0.00168**
PCB-176	E1668C		**0.00489 J**	**0.00236**	**0.00535**	**0.0029**	**0.00541 J**	**0.00352**
PCB-177	E1668C		**0.023 J**	**0.0182 J**	**0.027 J**	**0.0207 J**	**0.0258 J**	**0.0285 J**
PCB-178	E1668C		**0.0161 J**	**0.0125 J**	**0.0173 J**	**0.0115 J**	**0.018 J**	**0.0135 J**
PCB-179	E1668C		**0.0168 J**	**0.00562 J**	**0.0173 J**	**0.00809 J**	**0.0185 J**	**0.00947 J**
PCB-180/193	E1668C		**0.109 J**	**0.0919 J**	**0.114 J**	**0.0853 J**	**0.124 J**	**0.108 J**
PCB-181	E1668C		**0.000239**	**0.000181**	**0.000266**	**0.000203**	**0.000274**	**0.000241 J**
PCB-182	E1668C		**0.000398**	**0.000233**	**0.000448**	**0.000304**	**0.000471**	**0.000398**
PCB-183	E1668C		**0.0246 J**	**0.0159 J**	**0.0285 J**	**0.0192 J**	**0.0282 J**	**0.0252 J**
PCB-184	E1668C		**0.0000449**	**0.00000915**	0.00000927 U	0.00000939 U	**0.0000461**	**0.0000409**
PCB-185	E1668C		**0.00619 J**	**0.00303**	**0.00705**	**0.00404 J**	**0.00683 J**	**0.0054 J**
PCB-186	E1668C		0.00000493 U	0.00000398 U	0.00000819 U	0.00000838 U	0.00000557 U	0.00000599 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-04-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-05-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-06-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-06-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-07-ADLT-240917 2024-09-17 N TA
PCB-187	E1668C		**0.0668 J**	**0.0545 J**	**0.0816 J**	**0.0608 J**	**0.0769 J**	**0.0865 J**
PCB-188	E1668C		**0.00022**	**0.000143**	**0.00028**	**0.000178**	**0.000236**	**0.000203**
PCB-189	E1668C		**0.00168**	**0.00162**	**0.00189**	**0.00116**	**0.00183**	**0.00156**
PCB-190	E1668C		**0.0117 J**	**0.00712 J**	**0.0133 J**	**0.00836 J**	**0.0129 J**	**0.0097 J**
PCB-191	E1668C		**0.00156**	**0.00109**	**0.00156**	**0.00116**	**0.00196**	**0.00151**
PCB-192	E1668C		0.0000134 U	0.0000128 U	0.0000234 U	0.0000318 U	0.0000168 U	0.0000409 U
PCB-194	E1668C		**0.0118 J**	**0.0127 J**	**0.0132 J**	**0.0098 J**	**0.012 J**	**0.0125 J**
PCB-195	E1668C		**0.00499 J**	**0.0047 J**	**0.00547**	**0.00427 J**	**0.00508 J**	**0.00529 J**
PCB-196	E1668C		**0.00724 J**	**0.00558 J**	**0.00677**	**0.00413 J**	**0.00904 J**	**0.00571 J**
PCB-197	E1668C		**0.00082**	**0.000445**	**0.000804**	**0.000426**	**0.000978**	**0.000593**
PCB-198/199	E1668C		**0.0178 J**	**0.0142 J**	**0.0166 J**	**0.00972 J**	**0.0221 J**	**0.0141 J**
PCB-200	E1668C		**0.00219**	**0.00108**	**0.00209**	**0.000958**	**0.00265**	**0.00144**
PCB-201	E1668C		**0.00259**	**0.00146**	**0.00261**	**0.00134**	**0.00315**	**0.00186**
PCB-202	E1668C		**0.00349**	**0.00321**	**0.00395**	**0.00257**	**0.00433 J**	**0.00373**
PCB-203	E1668C		**0.0129 J**	**0.00913 J**	**0.0135 J**	**0.00655 J**	**0.0157 J**	**0.00897 J**
PCB-204	E1668C		**0.0000068**	0.00000241 U	**0.000008**	0.00000659 U	0.00000526 U	0.00000327 U
PCB-205	E1668C		**0.000863**	**0.000589**	**0.000897**	**0.000538**	**0.000891**	**0.000716**
PCB-206	E1668C		**0.00181**	**0.0013**	**0.00203**	**0.00148**	**0.00193**	**0.00163**
PCB-207	E1668C		**0.00033**	**0.000172**	**0.000358**	**0.000194**	**0.000319**	**0.000264**
PCB-208	E1668C		**0.000427**	**0.000272**	**0.00049**	**0.000254**	**0.000423**	**0.000353**
PCB-209	E1668C		**0.000135**	**0.0000911**	**0.000151**	**0.0000766**	**0.000147**	**0.000109**
Total PCB Congener (U = 0 max limit)	Calculated		**1.5 J**	**0.87 J**	**1.6 J**	**0.92 J**	**1.6 J**	**1.1 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**1.5 J**	**0.87 J**	**1.6 J**	**0.92 J**	**1.6 J**	**1.1 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-07-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-08-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-08-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-09-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-09-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-10-ADLT-240917 2024-09-17 N TA
Conventional Parameters (pct)								
Lipids	ENVSOPGBAY0090-00		**4.1 J**	**1.4 J**	**3.7 J**	**0.74 J**	**3.9 J**	**1.3 J**
PCB Aroclors (mg/kg)								
Aroclor 1016	SW8082A		0.125 U	0.10 U	0.125 U	0.10 U	0.125 U	0.25 U
Aroclor 1221	SW8082A		0.125 U	0.10 U	0.125 U	0.10 U	0.125 U	0.25 U
Aroclor 1232	SW8082A		0.125 U	0.10 U	0.125 U	0.10 U	0.125 U	0.25 U
Aroclor 1242	SW8082A		0.125 U	0.10 U	0.125 U	0.10 U	0.125 U	0.25 U
Aroclor 1248	SW8082A		0.125 U	0.10 U	0.125 U	0.10 U	0.125 U	0.25 U
Aroclor 1254	SW8082A		0.125 U	0.10 U	0.125 U	0.10 U	0.125 U	0.25 U
Aroclor 1260	SW8082A		**1.06**	**0.578**	**1.02**	**0.921**	**1.03**	**1.56**
Total PCB Aroclors (U = 0 max limit)	Calculated		**1.06**	**0.578**	**1.02**	**0.921**	**1.03**	**1.56**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**1.18**	**0.677**	**1.14**	**1.02**	**1.15**	**1.81**
PCB Congeners (mg/kg)								
PCB-001	E1668C		**0.0000028 J**	0.00000517 U	0.00000438 U	0.00000545 U	0.00000311 U	0.00000558 U
PCB-002	E1668C		0.00000244 U	0.00000519 U	0.00000405 U	0.00000471 U	0.00000246 U	0.00000531 U
PCB-003	E1668C		0.00000305 U	0.00000581 U	0.00000465 U	0.00000559 U	0.00000316 U	0.00000595 U
PCB-004	E1668C		**0.000158**	**0.0000889**	**0.0000986**	**0.0000438**	**0.0000972 J**	**0.0000738**
PCB-005	E1668C		0.0000056 U	0.00000556 U	0.00000357 U	0.00000462 U	0.0000103 U	0.00000399 U
PCB-006	E1668C		**0.0000129**	**0.00000743**	**0.0000116 J**	**0.00000323**	**0.0000135**	**0.00000643**
PCB-007	E1668C		0.00000553 U	0.0000054 U	0.00000343 U	0.0000045 U	0.0000102 U	0.00000387 U
PCB-008	E1668C		**0.0000373**	**0.0000145 J**	**0.0000296**	**0.0000102**	**0.0000329 J**	**0.0000134**
PCB-009	E1668C		0.00000496 U	0.00000483 U	0.00000307 U	0.00000396 U	0.00000926 U	0.00000346 U
PCB-010	E1668C		**0.00000957**	**0.00000732**	**0.00000508**	0.00000465 U	**0.00000535**	**0.00000392**
PCB-011	E1668C		0.00000613 U	0.00000481 U	0.00000798 U	0.00000422 U	0.00000808 U	0.00000345 U
PCB-012/013	E1668C		**0.00000714**	0.00000534 U	0.00000337 U	0.0000047 U	0.00000908 U	0.00000383 U
PCB-014	E1668C		0.00000529 U	0.00000527 U	0.00000339 U	0.00000454 U	0.00000928 U	0.00000378 U
PCB-015	E1668C		**0.0000245**	**0.000013**	**0.000018 J**	**0.00000787**	**0.0000187**	**0.0000106**
PCB-016	E1668C		**0.0000412 J**	**0.0000149**	**0.0000373 J**	**0.0000105 J**	**0.0000341**	**0.0000133 J**
PCB-017	E1668C		**0.000461**	**0.000157**	**0.00039**	**0.0000975**	**0.000351**	**0.000156**
PCB-018/030	E1668C		**0.000244**	**0.0000964**	**0.000215**	**0.000068**	**0.000202**	**0.0000913**
PCB-019	E1668C		**0.000454**	**0.000267**	**0.000422**	**0.000146**	**0.000342**	**0.000225**
PCB-020/028	E1668C		**0.00172**	**0.00057**	**0.00159**	**0.000407**	**0.00154**	**0.000627**
PCB-021/033	E1668C		**0.000232**	**0.0000681**	**0.000172**	**0.0000573**	**0.000137**	**0.0000983**
PCB-022	E1668C		**0.000146**	**0.0000367**	**0.000125**	**0.0000355**	**0.000111 J**	**0.0000388**
PCB-023	E1668C		0.00000914 U	0.00000911 U	0.0000109 U	0.0000102 U	0.0000102 U	0.00000643 U
PCB-024	E1668C		0.00000525 U	0.00000552 U	0.00000605 U	0.00000801 U	0.00000415 U	0.00000665 U
PCB-025	E1668C		**0.000471**	**0.000136**	**0.000286**	**0.0000956**	**0.000331**	**0.000155**
PCB-026/029	E1668C		**0.000426**	**0.000187**	**0.000361**	**0.000103**	**0.000399**	**0.000189**
PCB-027	E1668C		**0.000258**	**0.00011**	**0.000242**	**0.0000734**	**0.000209**	**0.0000989**
PCB-031	E1668C		**0.000569**	**0.000193**	**0.000475**	**0.000161**	**0.000507**	**0.000187**
PCB-032	E1668C		**0.000338**	**0.000145**	**0.000308**	**0.0000987**	**0.000261**	**0.000136**
PCB-034	E1668C		**0.0000212**	**0.00000703 J**	**0.0000199**	0.0000103 U	**0.0000221**	**0.00000753**
PCB-035	E1668C		0.00000874 U	0.00000902 U	0.0000104 U	0.0000108 U	0.00000907 U	0.00000636 U
PCB-036	E1668C		0.00000726 U	0.00000773 U	0.00000923 U	0.00000892 U	0.00000788 U	0.00000545 U
PCB-037	E1668C		**0.0000879**	**0.0000265**	**0.0000496**	**0.0000208**	**0.0000546**	**0.0000297**
PCB-038	E1668C		**0.0000213 J**	0.00000848 U	0.0000098 U	0.000010 U	0.00000854 U	**0.0000128**
PCB-039	E1668C		0.00000831 U	0.00000851 U	0.00000999 U	0.00000996 U	0.00000875 U	0.0000060 U
PCB-040/071	E1668C		**0.00212**	**0.000572**	**0.00201**	**0.000609**	**0.00217**	**0.00088**
PCB-041	E1668C		0.0000104 U	0.00000457 U	0.0000085 U	0.0000106 U	0.0000131 U	0.00000627 U
PCB-042	E1668C		**0.00142**	**0.00038**	**0.00136**	**0.000418**	**0.00151**	**0.000659**
PCB-043	E1668C		**0.0000451**	**0.00000875**	0.00000725 U	**0.0000189**	**0.000054**	**0.0000209**
PCB-044/047/065	E1668C		**0.0356 J**	**0.0146 J**	**0.0359 J**	**0.0152 J**	**0.0388 J**	**0.0268 J**
PCB-045	E1668C		**0.0005**	0.00000465 U	**0.000445**	0.00000948 U	**0.000556**	0.00000638 U
PCB-046	E1668C		**0.000275**	**0.0000888**	**0.00027**	**0.0000837**	**0.000311**	**0.000103**
PCB-048	E1668C		**0.0000853**	**0.0000268**	**0.0000801**	**0.0000221 J**	**0.0000982**	**0.0000448**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-07-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-08-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-08-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-09-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-09-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-10-ADLT-240917 2024-09-17 N TA
PCB-049/069	E1668C		**0.0168 J**	**0.00637**	**0.0172 J**	**0.00688**	**0.0179 J**	**0.0109 J**
PCB-050/053	E1668C		**0.00429**	**0.00137**	**0.00457**	**0.00115**	**0.00492**	**0.00173**
PCB-051	E1668C		**0.00449 J**	**0.0011**	**0.00309**	**0.00109**	**0.00313**	**0.00176**
PCB-052	E1668C		**0.00837 J**	**0.00362**	**0.00902 J**	**0.00639 J**	**0.00936 J**	**0.00579 J**
PCB-054	E1668C		**0.000745**	**0.000202**	**0.000647**	**0.000126**	**0.000609**	**0.000199**
PCB-055	E1668C		0.0000686 U	0.0000125 U	0.0000175 U	0.000027 U	0.0000549 U	0.000018 U
PCB-056	E1668C		**0.000363**	**0.000117**	**0.000388**	**0.000236**	**0.000414**	**0.000153**
PCB-057	E1668C		0.0000753 U	**0.0000274 J**	**0.0000671**	**0.0000251 J**	**0.0000628**	**0.0000445 J**
PCB-058	E1668C		**0.000205**	**0.0000689**	**0.000195**	**0.000117**	**0.0000724**	**0.00015**
PCB-059/062/075	E1668C		**0.00105**	**0.000323**	**0.000942**	**0.000342**	**0.00111**	**0.000569**
PCB-060	E1668C		**0.0000935**	**0.0000299**	**0.000104**	**0.000115**	**0.000102**	**0.0000639**
PCB-061/070/074/076	E1668C		**0.00332**	**0.00115**	**0.0034**	**0.00277**	**0.00356**	**0.00178**
PCB-063	E1668C		**0.000519**	**0.00019**	**0.000539**	**0.000229**	**0.00056**	**0.000398**
PCB-064	E1668C		**0.000865**	**0.000228**	**0.000824**	**0.000439**	**0.000949**	**0.000375**
PCB-066	E1668C		**0.00524 J**	**0.00197**	**0.00568**	**0.00257**	**0.00576 J**	**0.00398 J**
PCB-067	E1668C		**0.0000908**	**0.0000726**	**0.000214**	**0.000154**	**0.000194**	**0.000207**
PCB-068	E1668C		**0.00139**	**0.00056**	**0.00138**	**0.000636**	**0.00147**	**0.00114**
PCB-072	E1668C		**0.0008**	**0.00033**	**0.000875**	**0.000383**	**0.000829**	**0.000634**
PCB-073	E1668C		**0.000507**	**0.000168**	**0.000471**	**0.00012**	**0.000503**	**0.000203**
PCB-077	E1668C		**0.000254**	**0.000085**	**0.000302**	**0.0000605**	**0.000317**	**0.000117**
PCB-078	E1668C		0.0000739 U	**0.0000193 J**	0.0000191 U	**0.0000231**	0.0000594 U	**0.00005**
PCB-079	E1668C		**0.000247**	**0.000102**	**0.000205**	**0.00019**	**0.000179**	**0.00022**
PCB-080	E1668C		0.0000685 U	**0.000241**	**0.000563**	0.0000278 U	0.0000549 U	**0.000578**
PCB-081	E1668C		0.0000759 U	0.0000154 U	0.0000192 U	0.0000338 U	0.0000614 U	0.0000222 U
PCB-082	E1668C		**0.000952**	**0.000232**	**0.000833**	**0.000513**	**0.00102**	**0.000658**
PCB-083	E1668C		**0.00206**	**0.000916**	**0.00298**	**0.000619**	0.000145 U	**0.0018**
PCB-084	E1668C		**0.00235**	**0.000523**	**0.00223**	**0.000838**	**0.00244**	**0.00122**
PCB-085/116	E1668C		**0.00475**	**0.00158**	**0.00412**	**0.00228**	**0.00476**	**0.00389**
PCB-086/087/097/109/119/125	E1668C		**0.019**	**0.00571**	**0.0166**	**0.00881**	**0.0181**	**0.0146**
PCB-088	E1668C		0.000137 U	0.0000221 U	0.0000445 U	0.0000113 U	0.000119 U	0.0000581 U
PCB-089	E1668C		0.000117 U	0.0000207 U	0.0000398 U	0.00000964 U	0.000112 U	0.0000546 U
PCB-090/101/113	E1668C		**0.0687 J**	**0.0239 J**	**0.0612 J**	**0.0297 J**	**0.065 J**	**0.0621 J**
PCB-091	E1668C		**0.00999 J**	**0.00374**	**0.00999 J**	**0.00369**	**0.0115 J**	**0.00904 J**
PCB-092	E1668C		**0.0183 J**	**0.00588 J**	**0.0174 J**	**0.00716 J**	**0.0174 J**	**0.0149 J**
PCB-093/100	E1668C		**0.00817 J**	**0.0024**	**0.00749**	**0.0032**	**0.00826 J**	**0.00632**
PCB-094	E1668C		**0.00135**	**0.000272**	**0.00126**	**0.000256**	**0.0013**	**0.000587**
PCB-095	E1668C		**0.0199 J**	**0.00619 J**	**0.0208 J**	**0.00812 J**	**0.0205 J**	**0.0143 J**
PCB-096	E1668C		**0.000509**	**0.000106**	**0.000403**	**0.0000807**	**0.000589**	**0.000218**
PCB-098	E1668C		**0.000314**	**0.0000411**	**0.000164**	**0.0000655**	**0.000316**	**0.0000853**
PCB-099	E1668C		**0.0479 J**	**0.0119 J**	**0.0291 J**	**0.0123 J**	**0.0318 J**	**0.0304 J**
PCB-102	E1668C		**0.000926**	**0.000228**	**0.000994**	**0.000273**	**0.000946**	**0.000611**
PCB-103	E1668C		**0.00355**	**0.0011**	**0.00328**	**0.00129**	**0.00374**	**0.00278**
PCB-104	E1668C		**0.000409**	**0.000063**	**0.000285**	**0.0000537**	**0.000381**	**0.000132**
PCB-105	E1668C		**0.00742 J**	**0.00258**	**0.00711**	**0.00704 J**	**0.00611 J**	**0.00776 J**
PCB-106	E1668C		0.000083 U	0.0000153 U	0.0000279 U	0.00000671 U	0.0000803 U	0.0000403 U
PCB-107	E1668C		**0.00452 J**	**0.00129**	**0.00383**	**0.00179**	**0.0043 J**	**0.0035**
PCB-108/124	E1668C		**0.00136**	**0.000432**	**0.00109**	**0.000609**	**0.00127**	**0.001**
PCB-110	E1668C		**0.0402 J**	**0.00879 J**	**0.027 J**	**0.00959 J**	**0.0321 J**	**0.0226 J**
PCB-111	E1668C		**0.000546**	**0.000187**	**0.000446**	**0.000223**	**0.000503**	**0.000486**
PCB-112	E1668C		**0.0000963 J**	**0.0000282 J**	**0.0000936**	0.00000611 U	**0.0000937**	0.0000349 U
PCB-114	E1668C		**0.000496**	**0.000249**	**0.000519**	**0.000507**	**0.000455**	**0.000636**
PCB-115	E1668C		0.0000676 U	0.0000128 U	0.0000279 U	0.00000692 U	0.0000702 U	0.0000338 U
PCB-117	E1668C		**0.00317**	**0.00111**	**0.00268**	**0.00111**	**0.00311**	**0.00268**
PCB-118	E1668C		**0.0319 J**	**0.00948 J**	**0.0284 J**	**0.0149 J**	**0.0238 J**	**0.025 J**
PCB-120	E1668C		**0.00149**	**0.000441**	**0.00118**	**0.000489**	**0.00135**	**0.00115**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-07-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-08-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-08-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-09-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-09-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-10-ADLT-240917 2024-09-17 N TA
PCB-121	E1668C		**0.000279**	**0.0000819**	**0.00022**	**0.000115**	**0.000278**	**0.000221**
PCB-122	E1668C		0.000107 U	**0.0000919**	**0.0003**	**0.00016**	**0.000329**	**0.000198**
PCB-123	E1668C		**0.000688**	**0.000245**	**0.000658**	**0.000354**	**0.000563**	**0.000569**
PCB-126	E1668C		**0.000218 J**	**0.0000602**	**0.000184**	**0.0000928**	**0.000182**	**0.000149**
PCB-127	E1668C		0.0000954 U	**0.0000568**	0.0000267 U	**0.000134**	**0.000123**	0.0000413 U
PCB-128/166	E1668C		**0.0136 J**	**0.00637**	**0.0123**	**0.0099 J**	**0.0146 J**	**0.0166 J**
PCB-129/138/163	E1668C		**0.201 J**	**0.0685 J**	**0.2 J**	**0.0844 J**	**0.163 J**	**0.17 J**
PCB-130	E1668C		**0.00824 J**	**0.00397 J**	**0.00874 J**	**0.0041 J**	**0.0087 J**	**0.00963 J**
PCB-131	E1668C		**0.000408**	**0.000134**	**0.000407**	**0.000246**	**0.000478**	**0.000311**
PCB-132	E1668C		**0.0168 J**	**0.00586 J**	**0.0187 J**	**0.00839 J**	**0.0187 J**	**0.0143 J**
PCB-133	E1668C		**0.00468 J**	**0.00223**	**0.00496**	**0.00292**	**0.00495 J**	**0.00502 J**
PCB-134	E1668C		**0.00341**	**0.00159**	**0.00431**	**0.00181**	**0.00405 J**	**0.00365**
PCB-135/151	E1668C		**0.0455 J**	**0.0176 J**	**0.0525 J**	**0.0213 J**	**0.0485 J**	**0.0405 J**
PCB-136	E1668C		**0.0085 J**	**0.00277**	**0.0108 J**	**0.00412 J**	**0.00954 J**	**0.00742 J**
PCB-137	E1668C		**0.00307**	**0.00123**	**0.00309**	**0.00164**	**0.00283**	**0.00316**
PCB-139/140	E1668C		**0.00151**	**0.000509**	**0.00156**	**0.000883**	**0.00182**	**0.00115**
PCB-141	E1668C		**0.0292 J**	**0.012 J**	**0.029 J**	**0.0162 J**	**0.028 J**	**0.0302 J**
PCB-142	E1668C		0.0000178 U	0.00000732 U	0.0000132 U	0.0000151 U	0.00000965 U	0.00000563 U
PCB-143	E1668C		0.0000188 U	0.00000636 U	0.0000123 U	0.0000139 U	0.00000953 U	0.00000489 U
PCB-144	E1668C		**0.0045 J**	**0.00188**	**0.00469**	**0.00241**	**0.00503 J**	**0.00452 J**
PCB-145	E1668C		0.0000138 U	0.00000607 U	0.0000102 U	0.0000127 U	0.00000571 U	0.00000471 U
PCB-146	E1668C		**0.0378 J**	**0.0172 J**	**0.0389 J**	**0.0215 J**	**0.0379 J**	**0.0418 J**
PCB-147/149	E1668C		**0.1 J**	**0.0435 J**	**0.107 J**	**0.0603 J**	**0.106 J**	**0.0967 J**
PCB-148	E1668C		**0.000932**	**0.000297**	**0.000958**	**0.000407**	**0.00111**	**0.000762**
PCB-150	E1668C		**0.000749**	**0.000254**	**0.000822**	**0.000515**	**0.000879**	**0.000692**
PCB-152	E1668C		**0.000331**	**0.000075**	**0.000391**	**0.000165**	**0.000379**	**0.000237**
PCB-153/168	E1668C		**0.22 J**	**0.0897 J**	**0.219 J**	**0.116 J**	**0.214 J**	**0.226 J**
PCB-154	E1668C		**0.00514 J**	**0.00191**	**0.00555**	**0.00239**	**0.0061 J**	**0.00429 J**
PCB-155	E1668C		**0.0000987**	**0.0000548**	**0.000134**	**0.000107**	**0.000115**	**0.000132**
PCB-156/157	E1668C		**0.00872 J**	**0.00343**	**0.00894**	**0.00572**	**0.00815 J**	**0.00948 J**
PCB-158	E1668C		**0.0104 J**	**0.00431 J**	**0.00998 J**	**0.00504 J**	**0.0103 J**	**0.0102 J**
PCB-159	E1668C		**0.002**	**0.00101**	**0.00177**	**0.00172**	**0.00213**	**0.00236**
PCB-160	E1668C		0.00000981 U	0.00000549 U	0.00000694 U	0.0000111 U	0.00000763 U	0.00000423 U
PCB-161	E1668C		**0.0000648**	0.00000468 U	0.00000846 U	0.00000924 U	0.00000636 U	0.0000036 U
PCB-162	E1668C		**0.00108**	**0.000403**	**0.000994**	**0.000621**	**0.00117**	**0.00104**
PCB-164	E1668C		**0.00895 J**	**0.00398 J**	**0.0088 J**	**0.00418 J**	**0.00983 J**	**0.00864 J**
PCB-165	E1668C		**0.000947**	**0.000439**	**0.000904**	**0.000309**	**0.00105**	**0.000656**
PCB-167	E1668C		**0.00679 J**	**0.00266**	**0.00622**	**0.00422 J**	**0.00679 J**	**0.00718 J**
PCB-169	E1668C		**0.000714**	**0.000419**	**0.000445**	**0.000718**	**0.00068**	**0.00132**
PCB-170	E1668C		**0.0429 J**	**0.0178 J**	**0.0418 J**	**0.0291 J**	**0.0423 J**	**0.0517 J**
PCB-171/173	E1668C		**0.00954 J**	**0.00429**	**0.00902**	**0.00767**	**0.00941 J**	**0.00943 J**
PCB-172	E1668C		**0.0105 J**	**0.00515 J**	**0.00907 J**	**0.00782 J**	**0.00935 J**	**0.0116 J**
PCB-174	E1668C		**0.0339 J**	**0.0184 J**	**0.0361 J**	**0.0285 J**	**0.0352 J**	**0.0373 J**
PCB-175	E1668C		**0.00167**	**0.000789**	**0.0016**	**0.00132**	**0.0017**	**0.00176**
PCB-176	E1668C		**0.00492 J**	**0.00196**	**0.00578**	**0.00263**	**0.00476 J**	**0.00506 J**
PCB-177	E1668C		**0.0222 J**	**0.0154 J**	**0.0244 J**	**0.0203 J**	**0.0227 J**	**0.0322 J**
PCB-178	E1668C		**0.0183 J**	**0.00935 J**	**0.0195 J**	**0.00923 J**	**0.0153 J**	**0.0246 J**
PCB-179	E1668C		**0.0156 J**	**0.00528 J**	**0.0186 J**	**0.00456 J**	**0.0145 J**	**0.0137 J**
PCB-180/193	E1668C		**0.131 J**	**0.0673 J**	**0.117 J**	**0.0933 J**	**0.112 J**	**0.154 J**
PCB-181	E1668C		**0.000239**	**0.00014**	**0.000266**	0.0000341 U	**0.000268**	**0.000286**
PCB-182	E1668C		**0.00042**	**0.000197**	**0.000443**	**0.000318**	**0.000437**	**0.000417**
PCB-183	E1668C		**0.0269 J**	**0.013 J**	**0.027 J**	**0.0207 J**	**0.0266 J**	**0.0292 J**
PCB-184	E1668C		0.0000124 U	**0.0000168 J**	**0.0000444 J**	**0.0000364**	**0.0000444**	**0.000042**
PCB-185	E1668C		**0.00691 J**	**0.00271**	**0.00661**	**0.00428 J**	**0.00671 J**	**0.0059 J**
PCB-186	E1668C		0.0000114 U	0.00000448 U	0.00000812 U	0.00000764 U	0.00000502 U	0.00000459 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-07-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-08-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-08-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-09-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-09-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-10-ADLT-240917 2024-09-17 N TA
PCB-187	E1668C		**0.0717 J**	**0.047 J**	**0.0764 J**	**0.0653 J**	**0.0685 J**	**0.0956 J**
PCB-188	E1668C		**0.000227**	**0.000114**	**0.000299**	**0.000177**	**0.000251**	**0.000302**
PCB-189	E1668C		**0.00239**	**0.00115**	**0.00188**	**0.00132**	**0.0021**	**0.00234**
PCB-190	E1668C		**0.0129 J**	**0.00502 J**	**0.0126 J**	**0.00718 J**	**0.0124 J**	**0.0138 J**
PCB-191	E1668C		**0.00179**	**0.000827**	**0.0016**	**0.00119**	**0.0019**	**0.00191**
PCB-192	E1668C		0.0000237 U	0.0000152 U	0.0000264 U	0.0000276 U	0.000018 U	0.0000216 U
PCB-194	E1668C		**0.0152 J**	**0.008 J**	**0.015 J**	**0.0136 J**	**0.0147 J**	**0.0187 J**
PCB-195	E1668C		**0.0055 J**	**0.00325**	**0.00555**	**0.00589 J**	**0.00559 J**	**0.00729 J**
PCB-196	E1668C		**0.00773 J**	**0.00358**	**0.00717**	**0.00533 J**	**0.00771 J**	**0.00921 J**
PCB-197	E1668C		**0.00078**	**0.00034**	**0.000762**	**0.000622**	**0.000843**	**0.000753**
PCB-198/199	E1668C		**0.0182 J**	**0.00964 J**	**0.0182 J**	**0.0137 J**	**0.0172 J**	**0.0227 J**
PCB-200	E1668C		**0.00197**	**0.000835**	**0.00212**	**0.00101**	**0.00222**	**0.00193**
PCB-201	E1668C		**0.0024**	**0.00107**	**0.00244**	**0.00158**	**0.00256**	**0.00261**
PCB-202	E1668C		**0.00314**	**0.00217**	**0.0038**	**0.00323**	**0.00348**	**0.00485 J**
PCB-203	E1668C		**0.0141 J**	**0.0059 J**	**0.0139 J**	**0.00839 J**	**0.0129 J**	**0.0151 J**
PCB-204	E1668C		0.00000557 U	0.0000021 U	**0.0000066 J**	0.00000691 U	**0.00000598 J**	**0.00000538 J**
PCB-205	E1668C		**0.00105**	**0.000408**	**0.00101**	**0.000741**	**0.000954**	**0.000931**
PCB-206	E1668C		**0.00184**	**0.00112**	**0.00215**	**0.0014**	**0.00185**	**0.00178**
PCB-207	E1668C		**0.000281**	**0.000164**	**0.000327**	**0.000177**	**0.000332**	**0.000257**
PCB-208	E1668C		**0.000361**	**0.00024**	**0.000471**	**0.00025**	**0.000425**	**0.000375**
PCB-209	E1668C		**0.000113 J**	**0.0000688**	**0.000154**	**0.0000805 J**	**0.000145**	**0.000103**
Total PCB Congener (U = 0 max limit)	Calculated		**1.6 J**	**0.67 J**	**1.6 J**	**0.90 J**	**1.5 J**	**1.6 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**1.6 J**	**0.67 J**	**1.6 J**	**0.90 J**	**1.5 J**	**1.6 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-10-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-11-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-12-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-13-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-14-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-01-ADLT-250102 2025-01-02 N TA
Conventional Parameters (pct)								
Lipids	ENVSOPGBAY0090-00		**3.3 J**	**3.7 J**	**3.6 J**	**4.4 J**	**4.1 J**	**2.9 J**
PCB Aroclors (mg/kg)								
Aroclor 1016	SW8082A		0.125 U	0.125 U	0.25 U	0.125 U	0.125 U	0.251 U
Aroclor 1221	SW8082A		0.125 U	0.125 U	0.25 U	0.125 U	0.125 U	0.251 U
Aroclor 1232	SW8082A		0.125 U	0.125 U	0.25 U	0.125 U	0.125 U	0.251 U
Aroclor 1242	SW8082A		0.125 U	0.125 U	0.25 U	0.125 U	0.125 U	0.251 U
Aroclor 1248	SW8082A		0.125 U	0.125 U	0.25 U	0.125 U	0.125 U	0.251 U
Aroclor 1254	SW8082A		0.125 U	0.125 U	0.25 U	0.125 U	0.125 U	0.251 U
Aroclor 1260	SW8082A		**0.983**	**0.988**	**1.25**	**1.07**	**1.05**	**1.75**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.983**	**0.988**	**1.25**	**1.07**	**1.05**	**1.75**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**1.11**	**1.11**	**1.50**	**1.19**	**1.17**	**2.00**
PCB Congeners (mg/kg)								
PCB-001	E1668C		0.00000563 U	0.0000026 U	0.0000046 U	0.00000527 U	0.00000539 U	0.00000438 U
PCB-002	E1668C		0.00000463 U	0.00000203 U	0.0000044 U	0.00000446 U	0.00000494 U	0.00000416 U
PCB-003	E1668C		0.00000562 U	0.00000262 U	0.00000534 U	0.00000542 U	0.0000060 U	0.00000453 U
PCB-004	E1668C		**0.0001**	**0.000086**	**0.0000963**	**0.000126**	**0.000101**	**0.000166**
PCB-005	E1668C		0.00000257 U	0.00000816 U	0.00000439 U	0.00000289 U	0.00000421 U	0.00000587 U
PCB-006	E1668C		**0.0000123**	**0.00000899**	**0.0000104**	**0.0000111 J**	**0.0000108**	**0.0000198 J**
PCB-007	E1668C		0.00000253 U	0.00000807 U	0.00000432 U	**0.00000225**	0.00000414 U	0.00000567 U
PCB-008	E1668C		**0.0000257**	**0.00003 J**	**0.0000233 J**	**0.0000236**	**0.0000294**	**0.0000323 J**
PCB-009	E1668C		**0.00000231**	0.00000733 U	0.00000387 U	**0.00000249**	0.00000371 U	0.00000516 U
PCB-010	E1668C		**0.00000667**	**0.00000505**	**0.00000601**	**0.00000881**	**0.00000691**	**0.0000135**
PCB-011	E1668C		0.00000808 U	0.00000867 U	0.0000069 U	0.00000869 UJ	0.00000838 U	0.0000064 U
PCB-012/013	E1668C		**0.00000427**	0.00000718 U	0.00000429 U	**0.0000048**	0.00000411 U	0.00000566 U
PCB-014	E1668C		0.00000248 U	0.00000734 U	0.00000424 U	0.00000278 U	0.00000406 U	0.00000558 U
PCB-015	E1668C		**0.0000156 J**	**0.0000228**	**0.0000151 J**	**0.0000235**	**0.0000141 J**	**0.0000401**
PCB-016	E1668C		**0.0000434**	**0.0000264**	**0.0000361**	**0.0000427 J**	**0.0000407**	**0.0000657**
PCB-017	E1668C		**0.000433**	**0.00028**	**0.000353**	**0.000428**	**0.000417**	**0.000819**
PCB-018/030	E1668C		**0.000233**	**0.000168**	**0.000189**	**0.000217**	**0.000231**	**0.000148**
PCB-019	E1668C		**0.000459**	**0.000265**	**0.000357**	**0.000465**	**0.000444**	**0.000823**
PCB-020/028	E1668C		**0.00165**	**0.00162**	**0.00162**	**0.00176**	**0.00156**	**0.00211**
PCB-021/033	E1668C		**0.000174**	**0.000134**	**0.000171**	**0.000169**	**0.000168**	**0.000369**
PCB-022	E1668C		**0.000127**	**0.000132**	**0.000121**	**0.000144**	**0.000129**	**0.000159**
PCB-023	E1668C		0.00000834 U	0.00000876 U	0.0000105 U	0.00000954 U	0.0000115 U	0.0000141 U
PCB-024	E1668C		0.00000599 U	0.00000339 U	0.00000473 U	0.00000474 U	0.00000544 U	0.00000682 U
PCB-025	E1668C		**0.000258**	**0.000345**	**0.000251**	**0.000287**	**0.000264**	**0.000503**
PCB-026/029	E1668C		**0.000347**	**0.000377**	**0.000341**	**0.000351**	**0.000352**	**0.000556**
PCB-027	E1668C		**0.000261**	**0.000171**	**0.000225**	**0.000287**	**0.000269**	**0.000541**
PCB-031	E1668C		**0.000497**	**0.000519**	**0.00051**	**0.000578**	**0.000506**	**0.000844**
PCB-032	E1668C		**0.000326**	**0.000209**	**0.000285**	**0.000356**	**0.000344**	**0.00103**
PCB-034	E1668C		**0.0000179**	**0.0000156 J**	**0.0000137 J**	**0.0000125 J**	**0.0000187**	**0.0000298**
PCB-035	E1668C		0.00000821 U	0.0000078 U	0.0000103 U	0.00000939 U	0.0000113 U	0.0000137 U
PCB-036	E1668C		0.0000073 U	0.00000677 U	0.00000915 U	0.00000835 U	0.000010 U	0.0000118 U
PCB-037	E1668C		**0.000061**	**0.0000609**	**0.0000612**	**0.000075**	**0.000055**	**0.0000808**
PCB-038	E1668C		0.00000776 U	**0.0000158**	0.00000973 U	0.00000888 U	**0.0000124 J**	**0.0000274**
PCB-039	E1668C		0.00000757 U	0.00000752 U	0.0000095 U	0.00000866 U	0.0000104 U	0.000013 U
PCB-040/071	E1668C		**0.00227**	**0.0018**	**0.00198**	**0.00276**	**0.00218**	**0.00377**
PCB-041	E1668C		0.00000626 U	0.00000831 U	0.00000656 U	0.00000651 U	0.00000682 U	0.0000106 U
PCB-042	E1668C		**0.00145**	**0.00123**	**0.0013**	**0.00174**	**0.00135**	**0.00202**
PCB-043	E1668C		**0.0000509**	0.00000686 U	**0.0000477**	0.00000512 U	**0.0000599**	**0.0000514**
PCB-044/047/065	E1668C		**0.0393 J**	**0.0314 J**	**0.0359 J**	**0.0486 J**	**0.0362 J**	**0.0575 J**
PCB-045	E1668C		**0.00108**	**0.000574**	**0.000786**	**0.00112**	**0.000658**	0.0000104 U
PCB-046	E1668C		**0.000311**	**0.000256**	**0.000268**	**0.000321**	**0.000298**	**0.000388**
PCB-048	E1668C		**0.000083**	**0.0000746**	**0.0000708 J**	**0.0000821 J**	**0.0000772**	**0.0000813**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-10-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-11-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-12-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-13-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-14-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-01-ADLT-250102 2025-01-02 N TA
PCB-049/069	E1668C		**0.0187 J**	**0.0149 J**	**0.0168 J**	**0.0229 J**	**0.0174 J**	**0.0283 J**
PCB-050/053	E1668C		**0.005**	**0.00402**	**0.00421**	**0.00541**	**0.00473**	**0.00685**
PCB-051	E1668C		**0.00316**	**0.00239**	**0.00292**	**0.00364**	**0.00319**	**0.00829 J**
PCB-052	E1668C		**0.0102 J**	**0.00775 J**	**0.00898 J**	**0.0113 J**	**0.0096 J**	**0.00221**
PCB-054	E1668C		**0.000754**	**0.000486**	**0.000562**	**0.000652**	**0.000627**	**0.000615**
PCB-055	E1668C		0.0000171 U	0.0000488 U	0.0000158 U	0.0000191 U	0.0000244 U	0.0000272 U
PCB-056	E1668C		**0.000388**	**0.00033**	**0.000374**	**0.000486**	**0.00039**	**0.000484**
PCB-057	E1668C		**0.0000667**	0.0000536 U	**0.0000639**	**0.0000715**	**0.0000716**	**0.0000946**
PCB-058	E1668C		**0.000213**	**0.0000869**	**0.000172**	**0.00022**	**0.000184**	**0.000175**
PCB-059/062/075	E1668C		**0.00103**	**0.000933**	**0.000954**	**0.00128**	**0.00097**	**0.00139**
PCB-060	E1668C		**0.000105**	**0.0000771**	**0.000105**	**0.000115**	**0.0000997**	**0.000116**
PCB-061/070/074/076	E1668C		**0.00341**	**0.00282**	**0.00324**	**0.00419**	**0.0034**	**0.005**
PCB-063	E1668C		**0.000537**	**0.000467**	**0.000511**	**0.000625**	**0.000522**	**0.000661**
PCB-064	E1668C		**0.000871**	**0.000775**	**0.000803**	**0.00112**	**0.00087**	**0.0012**
PCB-066	E1668C		**0.00576**	**0.00465 J**	**0.00547**	**0.0066**	**0.00561**	**0.00666 J**
PCB-067	E1668C		**0.0000818**	**0.000155**	**0.0000744**	**0.0000928**	**0.00008**	0.0000254 U
PCB-068	E1668C		**0.00136**	**0.00119**	**0.00129**	**0.00154**	**0.0013**	**0.00167**
PCB-072	E1668C		**0.000849**	**0.000698**	**0.00082**	**0.000976**	**0.000826**	**0.000952**
PCB-073	E1668C		**0.000502**	**0.000417**	**0.000458**	**0.000617**	**0.000513**	**0.000913**
PCB-077	E1668C		**0.000274**	**0.000246**	**0.000286**	**0.000315**	**0.0003**	**0.000319**
PCB-078	E1668C		**0.0000352**	0.0000529 U	**0.0000298**	**0.0000359**	**0.000032**	0.0000302 U
PCB-079	E1668C		**0.000221**	**0.000149**	**0.000214**	**0.000249**	**0.000215**	**0.000267**
PCB-080	E1668C		**0.000558**	0.0000488 U	**0.000562**	**0.000661**	**0.000588**	0.0000271 U
PCB-081	E1668C		0.0000199 U	0.0000547 U	0.0000184 U	0.0000223 U	0.0000284 U	0.0000305 U
PCB-082	E1668C		**0.000915**	**0.000923**	**0.000864**	**0.000925**	**0.000883**	**0.00138**
PCB-083	E1668C		**0.00148**	**0.00211**	**0.0019**	**0.00255**	**0.0017**	**0.0025**
PCB-084	E1668C		**0.00245**	**0.00241**	**0.00221**	**0.00231**	**0.00259**	**0.00404 J**
PCB-085/116	E1668C		**0.00451**	**0.0044**	**0.00431**	**0.00495**	**0.0043**	**0.00555**
PCB-086/087/097/109/119/125	E1668C		**0.0184**	**0.0168**	**0.0174**	**0.0205**	**0.0179**	**0.0253 J**
PCB-088	E1668C		0.000133 U	0.000108 U	0.000121 U	0.000135 U	0.000148 U	0.0000106 U
PCB-089	E1668C		0.000125 U	0.000102 U	0.000114 U	0.000127 U	0.000139 U	**0.0000645**
PCB-090/101/113	E1668C		**0.07 J**	**0.0603 J**	**0.0659 J**	**0.0781 J**	**0.0661 J**	**0.0815 J**
PCB-091	E1668C		**0.0115 J**	**0.011 J**	**0.0107 J**	**0.0118 J**	**0.0119 J**	**0.0211 J**
PCB-092	E1668C		**0.0195 J**	**0.0175 J**	**0.0186 J**	**0.0214 J**	**0.0198 J**	**0.0175 J**
PCB-093/100	E1668C		**0.00787**	**0.00748**	**0.00778**	**0.009**	**0.00797**	**0.0138 J**
PCB-094	E1668C		**0.00131**	**0.00135**	**0.00118**	**0.00133**	**0.00143**	**0.00258**
PCB-095	E1668C		**0.0237 J**	**0.0206 J**	**0.0215 J**	**0.0239 J**	**0.0248 J**	**0.028 J**
PCB-096	E1668C		**0.000439**	**0.00041**	**0.000409**	**0.000439**	**0.000504**	**0.000894**
PCB-098	E1668C		**0.000185**	**0.000249**	**0.000212**	**0.000224**	**0.000243**	**0.000328**
PCB-099	E1668C		**0.0373 J**	**0.0278 J**	**0.0348 J**	**0.0406 J**	**0.0357 J**	**0.0414 J**
PCB-102	E1668C		**0.00108**	**0.000936**	**0.000962**	**0.00113**	**0.000993**	**0.00197**
PCB-103	E1668C		**0.00372**	**0.0035**	**0.00349**	**0.00398**	**0.0038**	**0.00578 J**
PCB-104	E1668C		**0.000306**	**0.000249**	**0.000286**	**0.000333**	**0.00033**	**0.000415**
PCB-105	E1668C		**0.00755 J**	**0.00593 J**	**0.00768**	**0.00831 J**	**0.00801 J**	**0.00837 J**
PCB-106	E1668C		0.0000913 U	0.0000731 U	0.0000833 U	0.0000923 U	0.000101 U	0.00000758 U
PCB-107	E1668C		**0.00415**	**0.00412 J**	**0.00401**	**0.00461**	**0.00417**	**0.00515 J**
PCB-108/124	E1668C		**0.0012**	**0.0012**	**0.00118**	**0.0014**	**0.00122**	**0.00165**
PCB-110	E1668C		**0.0332 J**	**0.0315 J**	**0.0311 J**	**0.037 J**	**0.0326 J**	**0.043 J**
PCB-111	E1668C		**0.000475**	**0.000488**	**0.000454**	**0.000524**	**0.000462**	**0.000641**
PCB-112	E1668C		**0.000101**	0.0000663 U	**0.000103**	0.0000816 U	0.0000896 U	0.00000653 U
PCB-114	E1668C		**0.000531**	**0.000401**	**0.000511**	**0.000542**	**0.000609**	**0.000727**
PCB-115	E1668C		0.0000826 U	0.0000639 U	0.0000754 U	0.0000836 U	0.0000918 U	0.00000723 U
PCB-117	E1668C		**0.00283**	**0.00281**	**0.00273**	**0.00309**	**0.00283**	**0.00415 J**
PCB-118	E1668C		**0.0276 J**	**0.0204 J**	**0.027 J**	**0.0313 J**	**0.0289 J**	**0.03 J**
PCB-120	E1668C		**0.00122**	**0.00125**	**0.00115**	**0.00129**	**0.00116**	**0.0015**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-10-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-11-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-12-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-13-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-14-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-01-ADLT-250102 2025-01-02 N TA
PCB-121	E1668C		**0.000246**	**0.000252**	**0.000235**	**0.000272**	**0.000245**	**0.000426**
PCB-122	E1668C		**0.000295**	**0.000282**	**0.000299**	**0.000305**	**0.000322**	**0.000458**
PCB-123	E1668C		**0.000662**	**0.000511**	**0.000615**	**0.00069**	**0.000654**	**0.000871**
PCB-126	E1668C		**0.000163**	**0.000182**	**0.000172**	**0.000176**	**0.000189**	**0.000219**
PCB-127	E1668C		0.0000866 U	0.0000769 U	0.0000843 U	0.0000814 U	0.000105 U	**0.000225**
PCB-128/166	E1668C		**0.0124**	**0.012 J**	**0.0132**	**0.0133**	**0.0125**	**0.0164 J**
PCB-129/138/163	E1668C		**0.203 J**	**0.14 J**	**0.215 J**	**0.213 J**	**0.225 J**	**0.223 J**
PCB-130	E1668C		**0.0087 J**	**0.00728 J**	**0.0092 J**	**0.00884 J**	**0.00991 J**	**0.012 J**
PCB-131	E1668C		**0.000418**	**0.000413**	**0.000442**	**0.000406**	**0.000482**	**0.00065**
PCB-132	E1668C		**0.02 J**	**0.0166 J**	**0.0204 J**	**0.0192 J**	**0.0247 J**	**0.034 J**
PCB-133	E1668C		**0.00481**	**0.00423 J**	**0.00511**	**0.00499**	**0.00562**	**0.00649 J**
PCB-134	E1668C		**0.00448**	**0.00354**	**0.00452**	**0.00416**	**0.00568**	**0.0063 J**
PCB-135/151	E1668C		**0.0531 J**	**0.0464 J**	**0.0552 J**	**0.0508 J**	**0.0664 J**	**0.0803 J**
PCB-136	E1668C		**0.0114 J**	**0.00887 J**	**0.00949 J**	**0.00982 J**	**0.0132 J**	**0.0181 J**
PCB-137	E1668C		**0.00291**	**0.00241**	**0.00315**	**0.00321**	**0.00334**	**0.00407 J**
PCB-139/140	E1668C		**0.00157**	**0.00148**	**0.00167**	**0.00162**	**0.00193**	**0.00229**
PCB-141	E1668C		**0.0292 J**	**0.0226 J**	**0.0307 J**	**0.0321 J**	**0.0328 J**	**0.034 J**
PCB-142	E1668C		0.00000708 U	0.00000912 U	0.00000689 U	0.00000844 U	0.00000977 U	0.0000137 U
PCB-143	E1668C		0.00000632 U	0.00000901 U	0.00000615 U	0.00000754 U	0.00000872 U	0.0000131 U
PCB-144	E1668C		**0.00499**	**0.00429 J**	**0.00523**	**0.00528**	**0.00595**	**0.00739 J**
PCB-145	E1668C		0.00000417 U	0.00000518 U	0.00000536 U	0.00000483 U	0.00000711 U	0.00000747 U
PCB-146	E1668C		**0.0399 J**	**0.031 J**	**0.0425 J**	**0.0421 J**	**0.0444 J**	**0.0524 J**
PCB-147/149	E1668C		**0.116 J**	**0.0944 J**	**0.121 J**	**0.122 J**	**0.138 J**	**0.173 J**
PCB-148	E1668C		**0.000973**	**0.000939**	**0.00104**	**0.00101**	**0.00119**	**0.00153**
PCB-150	E1668C		**0.000952**	**0.000793**	**0.000842**	**0.000899**	**0.00106**	**0.00144**
PCB-152	E1668C		**0.000402**	**0.000359**	**0.000329**	**0.000375**	**0.000482**	**0.000659**
PCB-153/168	E1668C		**0.224 J**	**0.175 J**	**0.234 J**	**0.228 J**	**0.241 J**	**0.272 J**
PCB-154	E1668C		**0.00583**	**0.00501 J**	**0.00602**	**0.00841 J**	**0.0067**	**0.0078 J**
PCB-155	E1668C		**0.000148**	**0.000103**	**0.000123**	**0.000125**	**0.000141 J**	**0.000213**
PCB-156/157	E1668C		**0.00945**	**0.00766**	**0.00886**	**0.00937**	**0.00875**	**0.00959 J**
PCB-158	E1668C		**0.00982 J**	**0.00853 J**	**0.0105 J**	**0.0104 J**	**0.0114 J**	**0.0144 J**
PCB-159	E1668C		**0.00171**	**0.00181**	**0.00183**	**0.00187**	**0.002**	**0.00278**
PCB-160	E1668C		0.0000038 U	0.00000722 U	0.0000037 U	0.00000453 U	0.00000524 U	0.0000106 U
PCB-161	E1668C		0.00000461 U	0.00000601 U	0.00000449 U	0.0000055 U	0.00000637 U	0.00000889 U
PCB-162	E1668C		**0.000931**	**0.000956**	**0.000988**	**0.00103**	**0.000991**	**0.00134**
PCB-164	E1668C		**0.00907 J**	**0.0083 J**	**0.00944 J**	**0.00939 J**	**0.0108 J**	**0.0134 J**
PCB-165	E1668C		**0.000871**	**0.000941**	**0.000926**	**0.00091**	**0.00115**	**0.000833**
PCB-167	E1668C		**0.00626**	**0.00556 J**	**0.00635**	**0.0065**	**0.00593**	**0.00731 J**
PCB-169	E1668C		**0.000422**	**0.00058**	**0.000452**	**0.000502**	**0.000427**	**0.000705**
PCB-170	E1668C		**0.0403 J**	**0.042 J**	**0.0415 J**	**0.047 J**	**0.0407 J**	**0.0509 J**
PCB-171/173	E1668C		**0.0101**	**0.00857 J**	**0.0117**	**0.0115**	**0.0107**	**0.0148 J**
PCB-172	E1668C		**0.0096 J**	**0.00845 J**	**0.011 J**	**0.0121 J**	**0.00977 J**	**0.0131 J**
PCB-174	E1668C		**0.0399 J**	**0.0346 J**	**0.0449 J**	**0.0467 J**	**0.0468 J**	**0.0592 J**
PCB-175	E1668C		**0.00184**	**0.0016**	**0.00215**	**0.00217**	**0.00207**	**0.00281**
PCB-176	E1668C		**0.0052**	**0.00429 J**	**0.00515**	**0.005**	**0.00597**	**0.0087 J**
PCB-177	E1668C		**0.0275 J**	**0.023 J**	**0.0305 J**	**0.0299 J**	**0.0324 J**	**0.0429 J**
PCB-178	E1668C		**0.0171 J**	**0.0136 J**	**0.0176 J**	**0.0175 J**	**0.0186 J**	**0.0259 J**
PCB-179	E1668C		**0.0164 J**	**0.0139 J**	**0.0158 J**	**0.0153 J**	**0.02 J**	**0.0262 J**
PCB-180/193	E1668C		**0.127 J**	**0.0993 J**	**0.139 J**	**0.148 J**	**0.119 J**	**0.155 J**
PCB-181	E1668C		**0.000278**	**0.000265**	**0.000317**	**0.000312**	**0.000314**	**0.000392**
PCB-182	E1668C		**0.000459**	**0.000411**	**0.000563**	**0.000568**	**0.000497**	**0.000606**
PCB-183	E1668C		**0.0307 J**	**0.0243 J**	**0.0343 J**	**0.0371 J**	**0.0329 J**	**0.0433 J**
PCB-184	E1668C		**0.0000378 J**	**0.0000384**	**0.0000469 J**	**0.0000464**	**0.0000559**	**0.000048 J**
PCB-185	E1668C		**0.00725**	**0.00583 J**	**0.00856 J**	**0.00985 J**	**0.00848 J**	**0.00966 J**
PCB-186	E1668C		0.0000042 U	0.00000434 U	0.00000334 U	0.00000476 U	0.00000316 U	0.00000621 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-10-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-11-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-12-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-13-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01SB-14-YOY-241002 2024-10-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-01-ADLT-250102 2025-01-02 N TA
PCB-187	E1668C		**0.0852 J**	**0.0726 J**	**0.0987 J**	**0.109 J**	**0.0966 J**	**0.12 J**
PCB-188	E1668C		**0.000283**	**0.00023**	**0.000266**	**0.000265**	**0.000306**	**0.000408**
PCB-189	E1668C		**0.00181**	**0.002**	**0.00184**	**0.00218**	**0.00171**	**0.00219**
PCB-190	E1668C		**0.0122 J**	**0.0134 J**	**0.0122 J**	**0.0142 J**	**0.0131 J**	**0.015 J**
PCB-191	E1668C		**0.00166**	**0.00157**	**0.00184**	**0.00192**	**0.00162**	**0.00232**
PCB-192	E1668C		0.0000234 U	0.000019 U	0.0000208 U	0.0000208 U	0.0000219 U	0.0000309 U
PCB-194	E1668C		**0.0131 J**	**0.0116 J**	**0.0141 J**	**0.0131 J**	**0.0105 J**	**0.0176 J**
PCB-195	E1668C		**0.00574**	**0.00492 J**	**0.00626**	**0.00578**	**0.0053**	**0.00797 J**
PCB-196	E1668C		**0.00711**	**0.0063 J**	**0.00728**	**0.00644**	**0.00821 J**	**0.0124 J**
PCB-197	E1668C		**0.000739**	**0.000805**	**0.000756**	**0.000702**	**0.00101**	**0.00133**
PCB-198/199	E1668C		**0.0159 J**	**0.0164 J**	**0.0168 J**	**0.0152**	**0.0204 J**	**0.0311 J**
PCB-200	E1668C		**0.00203**	**0.00218**	**0.00194**	**0.00194**	**0.00279**	**0.00378**
PCB-201	E1668C		**0.00231**	**0.00242**	**0.00229**	**0.00209**	**0.0032**	**0.00456 J**
PCB-202	E1668C		**0.00346**	**0.00328**	**0.00353**	**0.00325**	**0.00491**	**0.00628 J**
PCB-203	E1668C		**0.0132 J**	**0.012 J**	**0.0133 J**	**0.0129 J**	**0.0158 J**	**0.0226 J**
PCB-204	E1668C		0.00000148 U	**0.00000918**	0.00000301 U	**0.00000669**	0.00000217 U	0.00000371 U
PCB-205	E1668C		**0.000869**	**0.000802**	**0.000958**	**0.000951**	**0.000751**	**0.00116**
PCB-206	E1668C		**0.00186**	**0.00177**	**0.00212**	**0.00172**	**0.00186**	**0.00296**
PCB-207	E1668C		**0.000326**	**0.000321**	**0.000344**	**0.000258**	**0.000367**	**0.00047**
PCB-208	E1668C		**0.000448**	**0.000423**	**0.000489**	**0.000373**	**0.000517**	**0.000671**
PCB-209	E1668C		**0.000122**	**0.000143**	**0.000137**	**0.000107**	**0.00015**	**0.000166**
Total PCB Congener (U = 0 max limit)	Calculated		**1.7 J**	**1.4 J**	**1.7 J**	**1.8 J**	**1.8 J**	**2.2 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**1.7 J**	**1.4 J**	**1.7 J**	**1.8 J**	**1.8 J**	**2.2 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-03-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-06-ADLT-250102 2025-01-02 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**3.0 J**	**4.0 J**	**2.5 J**	**2.4 J**	**3.2 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.251 U	0.501 U	0.501 U	0.125 U	0.375 U
Aroclor 1221	SW8082A		0.251 U	0.501 U	0.501 U	0.125 U	0.375 U
Aroclor 1232	SW8082A		0.251 U	0.501 U	0.501 U	0.125 U	0.375 U
Aroclor 1242	SW8082A		0.251 U	0.501 U	0.501 U	0.125 U	0.375 U
Aroclor 1248	SW8082A		0.251 U	0.501 U	0.501 U	0.125 U	0.375 U
Aroclor 1254	SW8082A		0.251 U	0.501 U	0.501 U	0.125 U	0.375 U
Aroclor 1260	SW8082A		**1.98**	**3.21**	**2.49**	**0.673**	**2.04**
Total PCB Aroclors (U = 0 max limit)	Calculated		**1.98**	**3.21**	**2.49**	**0.673**	**2.04**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**2.23**	**3.70**	**2.98**	**0.796**	**2.41**
PCB Congeners (mg/kg)							
PCB-001	E1668C		0.00000318 U	0.00000521 U	0.00000442 U	0.00000437 U	0.00000485 U
PCB-002	E1668C		0.0000031 U	0.00000567 U	0.00000495 U	0.00000476 U	0.00000532 U
PCB-003	E1668C		0.00000338 U	0.00000618 U	0.0000054 U	0.00000497 U	0.00000579 U
PCB-004	E1668C		**0.000285**	**0.000229**	**0.000201**	**0.00012**	**0.000247**
PCB-005	E1668C		0.00000231 U	0.00000718 U	0.00000413 U	0.00000259 U	0.00000617 U
PCB-006	E1668C		**0.0000224 J**	**0.0000193**	**0.0000237 J**	**0.0000106**	**0.0000275**
PCB-007	E1668C		0.00000223 U	0.00000693 U	0.00000399 U	0.0000025 U	0.00000596 U
PCB-008	E1668C		**0.0000431**	**0.0000327**	**0.0000403**	**0.0000227**	**0.0000493**
PCB-009	E1668C		**0.00000484**	0.0000063 U	0.00000362 U	0.00000225 U	**0.00000387**
PCB-010	E1668C		**0.0000215**	**0.0000151**	**0.0000149**	**0.00000974**	**0.0000203**
PCB-011	E1668C		0.00000753 U	0.00000621 U	0.00000859 U	0.0000083 U	0.00000809 U
PCB-012/013	E1668C		**0.00000613**	**0.00000531**	**0.00000616**	0.00000247 U	**0.00000699**
PCB-014	E1668C		0.0000022 U	0.00000683 U	0.00000393 U	0.00000245 U	0.00000587 U
PCB-015	E1668C		**0.0000502**	**0.0000308**	**0.0000511**	**0.0000307**	**0.0000531**
PCB-016	E1668C		**0.0000631**	**0.0000506**	**0.0000667**	**0.0000286**	**0.0000781**
PCB-017	E1668C		**0.000737**	**0.000708**	**0.000797**	**0.000264**	**0.00101**
PCB-018/030	E1668C		**0.000148**	**0.000196**	**0.000148**	**0.0000691**	**0.000205**
PCB-019	E1668C		**0.000912**	**0.000662**	**0.000921**	**0.000377**	**0.00114**
PCB-020/028	E1668C		**0.00277**	**0.00294**	**0.00267**	**0.000868**	**0.00259**
PCB-021/033	E1668C		**0.000426**	**0.000409**	**0.000439**	**0.000121**	**0.000434**
PCB-022	E1668C		**0.000196**	**0.000174**	**0.000196**	**0.0000699**	**0.000192**
PCB-023	E1668C		0.00000962 U	0.000015 U	0.0000113 U	0.00000957 U	0.00000966 U
PCB-024	E1668C		0.00000595 U	0.0000096 U	0.00000459 U	0.00000595 U	0.0000059 U
PCB-025	E1668C		**0.000559**	**0.000413**	**0.000373**	**0.000185**	**0.000578**
PCB-026/029	E1668C		**0.000739**	**0.000676**	**0.000769**	**0.000236**	**0.00064**
PCB-027	E1668C		**0.000454**	**0.000385**	**0.00048**	**0.000172**	**0.000579**
PCB-031	E1668C		**0.00107**	**0.000847**	**0.00105**	**0.000327**	**0.00097**
PCB-032	E1668C		**0.000952**	**0.000883**	**0.00112**	**0.000264**	**0.00121**
PCB-034	E1668C		**0.0000362**	**0.0000353**	**0.0000304**	0.00000964 U	**0.0000371**
PCB-035	E1668C		0.00000938 U	0.0000146 U	0.0000111 U	0.0000093 U	0.00000942 U
PCB-036	E1668C		0.0000081 U	0.0000126 U	0.00000956 U	0.00000836 U	0.00000814 U
PCB-037	E1668C		**0.000108**	**0.000077**	0.00000935 U	**0.0000562**	**0.000109**
PCB-038	E1668C		**0.0000341**	**0.0000219 J**	**0.00002 J**	0.00000861 U	**0.0000223**
PCB-039	E1668C		**0.0000134 J**	0.0000138 U	0.0000105 U	0.00000876 U	0.00000892 U
PCB-040/071	E1668C		**0.00428**	**0.00462**	**0.00468**	**0.00143**	**0.00346**
PCB-041	E1668C		0.00000763 U	0.0000129 U	0.0000117 U	0.00000849 U	0.000010 U
PCB-042	E1668C		**0.00275**	**0.00327**	**0.00282**	**0.000828**	**0.00257**
PCB-043	E1668C		**0.0000367**	**0.0000608**	**0.000052**	**0.0000254**	**0.0000541**
PCB-044/047/065	E1668C		**0.0775 J**	**0.0975 J**	**0.0796 J**	**0.0226 J**	**0.0702 J**
PCB-045	E1668C		0.00000747 U	0.0000127 U	0.0000115 U	0.00000764 U	0.0000098 U
PCB-046	E1668C		**0.000428**	**0.000226 J**	**0.000412**	**0.0002**	**0.000476**
PCB-048	E1668C		**0.000108**	0.0000105 U	**0.000123**	**0.0000394**	**0.000107**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-03-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-06-ADLT-250102 2025-01-02 N TA
PCB-049/069	E1668C		**0.0379 J**	**0.0483 J**	**0.0401 J**	**0.0111 J**	**0.0349 J**
PCB-050/053	E1668C		**0.00761**	**0.00677**	**0.00805 J**	**0.00283**	**0.00805 J**
PCB-051	E1668C		**0.0106 J**	**0.011 J**	**0.0117 J**	**0.00301**	**0.0105 J**
PCB-052	E1668C		**0.00315**	**0.00717 J**	**0.00328**	**0.00176**	**0.00304**
PCB-054	E1668C		**0.000908**	**0.000846**	**0.000959**	**0.000408**	**0.000913**
PCB-055	E1668C		0.0000209 U	0.0000371 U	0.0000348 U	0.000022 U	0.0000235 U
PCB-056	E1668C		**0.000624**	**0.00069**	**0.000646**	**0.000245**	**0.000586**
PCB-057	E1668C		**0.000146**	**0.000128**	**0.000151**	**0.0000344 J**	**0.000126**
PCB-058	E1668C		**0.000312**	**0.000267**	**0.000277**	**0.0000601**	**0.00023**
PCB-059/062/075	E1668C		**0.00181**	**0.00226**	**0.00185**	**0.000572**	**0.00167**
PCB-060	E1668C		**0.000158**	**0.000223**	0.0000423 U	**0.0000525**	**0.000147**
PCB-061/070/074/076	E1668C		**0.00726**	**0.00851**	**0.00718**	**0.00216**	**0.00645**
PCB-063	E1668C		**0.000962**	**0.00125**	**0.000969**	**0.000276**	**0.000836**
PCB-064	E1668C		**0.0016**	**0.00203**	**0.00165**	**0.00053**	**0.00147**
PCB-066	E1668C		**0.0091 J**	**0.0122 J**	**0.00872 J**	**0.00292**	**0.00828 J**
PCB-067	E1668C		**0.000352**	**0.000396**	**0.000305**	**0.000119**	**0.00038**
PCB-068	E1668C		**0.00254**	**0.00345**	**0.00264**	**0.000753**	**0.00231**
PCB-072	E1668C		**0.00138**	**0.00203**	**0.00139**	**0.000467**	**0.00117**
PCB-073	E1668C		**0.00105**	**0.00123**	**0.00117**	**0.000362**	**0.00111**
PCB-077	E1668C		**0.000377**	**0.00036**	**0.000396**	**0.000158**	**0.000488**
PCB-078	E1668C		0.0000232 U	0.000041 U	0.0000386 U	0.0000243 U	0.000026 U
PCB-079	E1668C		**0.000387**	**0.000484**	**0.000375**	**0.000135 J**	**0.000352**
PCB-080	E1668C		0.0000208 U	0.0000369 U	0.0000346 U	0.0000224 U	0.0000234 U
PCB-081	E1668C		0.0000234 U	0.0000415 U	0.000039 U	0.0000238 U	0.0000263 U
PCB-082	E1668C		**0.00162**	**0.00175**	**0.00167**	**0.000508**	**0.00133**
PCB-083	E1668C		**0.00147**	**0.00189**	**0.00323**	**0.000904**	**0.00307**
PCB-084	E1668C		**0.0042 J**	**0.00401 J**	**0.00453 J**	**0.00148**	**0.00407 J**
PCB-085/116	E1668C		**0.00709**	**0.00895 J**	**0.00647**	**0.00214**	**0.00613**
PCB-086/087/097/109/119/125	E1668C		**0.0299 J**	**0.0368 J**	**0.0306 J**	**0.00886**	**0.0256 J**
PCB-088	E1668C		0.00000587 U	0.00000909 U	0.00000502 U	0.00000636 U	0.00000868 U
PCB-089	E1668C		**0.0000765**	**0.0000756**	**0.0000781**	**0.0000297**	**0.0000635**
PCB-090/101/113	E1668C		**0.101 J**	**0.133 J**	**0.109 J**	**0.0296 J**	**0.0864 J**
PCB-091	E1668C		**0.0243 J**	**0.0266 J**	**0.0242 J**	**0.00672 J**	**0.0207 J**
PCB-092	E1668C		**0.0189 J**	**0.0296 J**	**0.0226 J**	**0.00743 J**	**0.0172 J**
PCB-093/100	E1668C		**0.0155 J**	**0.0171 J**	**0.0156 J**	**0.0044**	**0.0135 J**
PCB-094	E1668C		**0.00239**	**0.00213**	**0.00261**	**0.000873**	**0.00254**
PCB-095	E1668C		**0.0296 J**	**0.0377 J**	**0.0338 J**	**0.0112 J**	**0.0273 J**
PCB-096	E1668C		**0.00104**	**0.00104**	**0.00113**	**0.000321**	**0.00112**
PCB-098	E1668C		**0.000398**	**0.000419**	**0.000375**	**0.000149**	**0.000395**
PCB-099	E1668C		**0.0512 J**	**0.0618 J**	**0.0501 J**	**0.0143 J**	**0.0425 J**
PCB-102	E1668C		**0.00223**	**0.00175**	**0.00234**	**0.000633**	**0.00186**
PCB-103	E1668C		**0.00666 J**	**0.00752 J**	**0.0067 J**	**0.00197**	**0.00571 J**
PCB-104	E1668C		**0.000497**	**0.000502**	**0.000556**	**0.000185**	**0.000541**
PCB-105	E1668C		**0.0114 J**	**0.0154 J**	**0.0106 J**	**0.00313**	**0.0109 J**
PCB-106	E1668C		0.00000422 U	**0.0000277**	0.0000036 U	**0.00000853**	0.00000623 U
PCB-107	E1668C		**0.00605 J**	**0.00745 J**	**0.00608 J**	**0.00191**	**0.0053 J**
PCB-108/124	E1668C		**0.00194**	**0.00221**	**0.0021**	**0.000602**	**0.0017**
PCB-110	E1668C		**0.051 J**	**0.0635 J**	**0.0528 J**	**0.0197 J**	**0.0438 J**
PCB-111	E1668C		**0.000739**	**0.000936**	**0.00078**	**0.000241**	**0.000624**
PCB-112	E1668C		0.00000363 U	0.00000563 U	**0.00015**	0.0000037 U	0.00000537 U
PCB-114	E1668C		**0.000832**	**0.00106**	**0.000915**	**0.000282**	**0.000789**
PCB-115	E1668C		0.00000402 U	0.00000623 U	0.00000344 U	0.00000331 U	0.00000595 U
PCB-117	E1668C		**0.00481 J**	**0.00554 J**	**0.00526 J**	**0.00143**	**0.00398 J**
PCB-118	E1668C		**0.0468 J**	**0.0552 J**	**0.0418 J**	**0.0125 J**	**0.0408 J**
PCB-120	E1668C		**0.00184**	**0.00223**	**0.00191**	**0.000567**	**0.00152**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-03-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-06-ADLT-250102 2025-01-02 N TA
PCB-121	E1668C		**0.000495**	**0.000595**	**0.000534**	**0.000143**	**0.000412**
PCB-122	E1668C		**0.00048**	**0.000561**	**0.000555**	**0.000169**	**0.00049**
PCB-123	E1668C		**0.000901**	**0.00124**	**0.00103**	**0.0003**	**0.000857**
PCB-126	E1668C		**0.000234**	**0.000275**	**0.000226**	**0.0000808**	**0.00022**
PCB-127	E1668C		**0.000224**	0.0000088 U	**0.000255**	**0.0000814**	**0.000221**
PCB-128/166	E1668C		**0.0229 J**	**0.0282 J**	**0.0209 J**	**0.00649**	**0.0184 J**
PCB-129/138/163	E1668C		**0.297 J**	**0.303 J**	**0.26 J**	**0.0836 J**	**0.251 J**
PCB-130	E1668C		**0.0159 J**	**0.0142 J**	**0.0143 J**	**0.00478 J**	**0.0136 J**
PCB-131	E1668C		**0.000758**	**0.000723**	**0.000671**	**0.000226**	**0.000683**
PCB-132	E1668C		**0.04 J**	**0.0363 J**	**0.0348 J**	**0.0126 J**	**0.0351 J**
PCB-133	E1668C		**0.00842 J**	**0.00862 J**	**0.00774 J**	**0.00271**	**0.00734 J**
PCB-134	E1668C		**0.00707 J**	**0.00535 J**	**0.0065 J**	**0.00259**	**0.00665 J**
PCB-135/151	E1668C		**0.0909 J**	**0.0856 J**	**0.0846 J**	**0.0313 J**	**0.0172 J**
PCB-136	E1668C		**0.0209 J**	**0.0201 J**	**0.0222 J**	**0.00698 J**	**0.0198 J**
PCB-137	E1668C		**0.00502 J**	**0.00498 J**	**0.00488 J**	**0.00146**	**0.00419 J**
PCB-139/140	E1668C		**0.00277**	**0.0027**	**0.00226**	**0.000867**	**0.00241**
PCB-141	E1668C		**0.0407 J**	**0.0512 J**	**0.0407 J**	**0.0137 J**	**0.0374 J**
PCB-142	E1668C		0.00000666 U	0.0000127 U	0.00000894 U	0.00000853 U	0.000012 U
PCB-143	E1668C		0.00000639 U	0.0000122 U	0.00000858 U	0.00000824 U	0.0000115 U
PCB-144	E1668C		**0.00886 J**	**0.00962 J**	**0.00808 J**	**0.00284**	**0.00816 J**
PCB-145	E1668C		**0.000031 J**	0.0000101 U	0.00000688 U	0.00000609 U	0.00000719 U
PCB-146	E1668C		**0.0686 J**	**0.0719 J**	**0.0634 J**	**0.0207 J**	**0.0589 J**
PCB-147/149	E1668C		**0.212 J**	**0.193 J**	**0.187 J**	**0.0647 J**	**0.181 J**
PCB-148	E1668C		**0.0019**	**0.00189**	**0.0017**	**0.0006**	**0.00162**
PCB-150	E1668C		**0.00171**	**0.00178**	**0.00165**	**0.000503**	**0.00153**
PCB-152	E1668C		**0.000721**	**0.000705**	**0.000789**	**0.000231**	**0.000691**
PCB-153/168	E1668C		**0.362 J**	**0.385 J**	**0.337 J**	**0.108 J**	**0.312 J**
PCB-154	E1668C		**0.00964 J**	**0.00899 J**	**0.00807 J**	**0.0031**	**0.00813 J**
PCB-155	E1668C		**0.000241**	**0.000261**	**0.000249**	**0.0000691**	**0.000215**
PCB-156/157	E1668C		**0.0136 J**	**0.0168 J**	**0.0132 J**	**0.00409**	**0.0122 J**
PCB-158	E1668C		**0.0188 J**	**0.0193 J**	**0.0165 J**	**0.00546 J**	**0.0161 J**
PCB-159	E1668C		**0.00325**	**0.00333**	**0.00344**	**0.0011**	**0.00294**
PCB-160	E1668C		0.00000517 U	0.00000984 U	0.00000695 U	0.00000666 U	0.00000928 U
PCB-161	E1668C		0.00000432 U	0.00000823 U	0.00000581 U	0.00000561 U	0.00000776 U
PCB-162	E1668C		**0.00168**	**0.00213**	**0.00167**	**0.000509**	**0.00139**
PCB-164	E1668C		**0.017 J**	**0.018 J**	**0.0155 J**	**0.00537 J**	**0.0149 J**
PCB-165	E1668C		**0.00109**	**0.00101**	**0.00146**	**0.000328**	**0.000992**
PCB-167	E1668C		**0.0109 J**	**0.0137 J**	**0.0104 J**	**0.00282**	**0.00856 J**
PCB-169	E1668C		**0.00112**	**0.00134**	**0.000858**	**0.000239**	**0.00113**
PCB-170	E1668C		**0.0833 J**	**0.0862 J**	**0.0726 J**	**0.0197 J**	**0.0784 J**
PCB-171/173	E1668C		**0.0214 J**	**0.0244 J**	**0.0226 J**	**0.00598**	**0.0191 J**
PCB-172	E1668C		**0.0193 J**	**0.0241 J**	**0.0228 J**	**0.00564 J**	**0.0174 J**
PCB-174	E1668C		**0.0693 J**	**0.0692 J**	**0.0825 J**	**0.0251 J**	**0.0693 J**
PCB-175	E1668C		**0.00378**	**0.00454 J**	**0.00443 J**	**0.00121**	**0.00345**
PCB-176	E1668C		**0.00978 J**	**0.0159 J**	**0.00988 J**	**0.00386 J**	**0.00901 J**
PCB-177	E1668C		**0.0552 J**	**0.0577 J**	**0.0619 J**	**0.0183 J**	**0.05 J**
PCB-178	E1668C		**0.0343 J**	**0.054 J**	**0.0376 J**	**0.0127 J**	**0.0305 J**
PCB-179	E1668C		**0.0284 J**	**0.0444 J**	**0.0317 J**	**0.013 J**	**0.0279 J**
PCB-180/193	E1668C		**0.235 J**	**0.295 J**	**0.277 J**	**0.0642 J**	**0.211 J**
PCB-181	E1668C		**0.000492**	**0.00061**	**0.000545**	**0.000162**	0.0000498 U
PCB-182	E1668C		**0.000785**	**0.000836**	**0.000889**	**0.000265**	**0.000719**
PCB-183	E1668C		**0.0588 J**	**0.0702 J**	**0.066 J**	**0.0179 J**	**0.0529 J**
PCB-184	E1668C		**0.0000653 J**	**0.000115**	**0.0000769**	**0.0000281**	**0.0000711**
PCB-185	E1668C		**0.011 J**	**0.0149 J**	**0.0128 J**	**0.00381**	**0.0112 J**
PCB-186	E1668C		0.00000353 U	0.00000919 U	0.00000622 U	0.00000334 U	0.00000652 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-03-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-04-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-06-ADLT-250102 2025-01-02 N TA
PCB-187	E1668C		**0.158 J**	**0.187 J**	**0.175 J**	**0.0522 J**	**0.139 J**
PCB-188	E1668C		**0.000487**	**0.000804**	**0.000515**	**0.000214**	**0.000447**
PCB-189	E1668C		**0.00348**	**0.00365**	**0.00403 J**	**0.000896**	**0.00321**
PCB-190	E1668C		**0.0214 J**	**0.024 J**	**0.0195 J**	**0.00587 J**	**0.0208 J**
PCB-191	E1668C		**0.00352**	**0.00433 J**	**0.00429 J**	**0.000984**	**0.00316**
PCB-192	E1668C		0.0000224 U	0.0000387 U	0.0000425 U	0.0000182 U	0.0000427 U
PCB-194	E1668C		**0.0356 J**	**0.0376 J**	**0.0389 J**	**0.00739 J**	**0.0284 J**
PCB-195	E1668C		**0.0144 J**	**0.0144 J**	**0.0145 J**	**0.00338**	**0.0113 J**
PCB-196	E1668C		**0.0185 J**	**0.0203 J**	**0.0172 J**	**0.00528 J**	**0.0179 J**
PCB-197	E1668C		**0.00153**	**0.00188**	**0.00144**	**0.000551**	**0.00161**
PCB-198/199	E1668C		**0.044 J**	**0.0491 J**	**0.0382 J**	**0.0131 J**	**0.0421 J**
PCB-200	E1668C		**0.00399 J**	**0.00451 J**	**0.00333**	**0.00159**	**0.00437 J**
PCB-201	E1668C		**0.00518 J**	**0.00628 J**	**0.00481 J**	**0.00189**	**0.00531 J**
PCB-202	E1668C		**0.00751 J**	**0.00864 J**	**0.00702 J**	**0.00278**	**0.00758 J**
PCB-203	E1668C		**0.0309 J**	**0.0371 J**	**0.0281 J**	**0.00898 J**	**0.0298 J**
PCB-204	E1668C		**0.00000811**	**0.0000144 J**	**0.00000386 J**	0.00000305 U	0.00000554 U
PCB-205	E1668C		**0.00237**	**0.00242**	**0.00252**	**0.000495**	**0.00183**
PCB-206	E1668C		**0.00462 J**	**0.00545 J**	**0.00466 J**	**0.00111**	**0.00384**
PCB-207	E1668C		**0.000636**	**0.000708**	**0.000576**	**0.000193**	**0.000565**
PCB-208	E1668C		**0.00102**	**0.00101**	**0.000901**	**0.000282**	**0.000853**
PCB-209	E1668C		**0.000238**	**0.000278**	**0.000193**	**0.0000716**	**0.000216**
Total PCB Congener (U = 0 max limit)	Calculated		**2.9 J**	**3.2 J**	**2.9 J**	**0.88 J**	**2.5 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**2.9 J**	**3.2 J**	**2.9 J**	**0.88 J**	**2.5 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-07-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-08-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-09-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-10-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-01-ADLT-240917 2024-09-17 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**3.1 J**	**3.2 J**	**3.1 J**	**4.7**	**0.39 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.499 U	0.751 U	0.376 U	0.749 U	0.025 UJ
Aroclor 1221	SW8082A		0.499 U	0.751 U	0.376 U	0.749 U	0.025 UJ
Aroclor 1232	SW8082A		0.499 U	0.751 U	0.376 U	0.749 U	0.025 UJ
Aroclor 1242	SW8082A		0.499 U	0.751 U	0.376 U	0.749 U	0.025 UJ
Aroclor 1248	SW8082A		0.499 U	0.751 U	0.376 U	0.749 U	0.025 UJ
Aroclor 1254	SW8082A		0.499 U	0.751 U	0.376 U	0.749 U	0.025 UJ
Aroclor 1260	SW8082A		**4.99**	**4.9**	**2.77**	**3.88**	**0.177 J**
Total PCB Aroclors (U = 0 max limit)	Calculated		**4.99**	**4.9**	**2.77**	**3.88**	**0.177 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**5.48**	**5.6**	**3.14**	**4.62**	**0.202 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		0.00000347 U	0.00000281 U	0.0000039 U	0.00000523 U	--
PCB-002	E1668C		0.00000427 U	0.0000030 U	0.0000041 U	0.00000544 U	--
PCB-003	E1668C		0.00000465 U	0.00000313 U	0.00000428 U	0.00000593 U	--
PCB-004	E1668C		**0.000198**	**0.000175**	**0.000244**	**0.000578**	--
PCB-005	E1668C		0.00000592 U	0.0000024 U	0.00000333 U	0.00000378 U	--
PCB-006	E1668C		**0.0000172**	**0.0000124**	**0.0000252**	**0.0000545**	--
PCB-007	E1668C		0.00000571 U	0.00000232 U	0.00000321 U	0.00000365 U	--
PCB-008	E1668C		**0.0000303 J**	**0.0000273**	**0.0000482**	**0.0000935**	--
PCB-009	E1668C		0.0000052 U	**0.00000188**	**0.00000385**	**0.00000971**	--
PCB-010	E1668C		**0.000016**	**0.0000121**	**0.0000158 J**	**0.000045**	--
PCB-011	E1668C		0.00000512 U	0.00000726 U	0.0000069 U	0.0000102 U	--
PCB-012/013	E1668C		0.0000057 U	**0.00000332**	**0.00000417**	**0.0000122**	--
PCB-014	E1668C		0.00000563 U	0.00000228 U	0.00000315 U	0.00000359 U	--
PCB-015	E1668C		**0.0000268 J**	**0.0000324**	**0.000041**	**0.0000772**	--
PCB-016	E1668C		**0.0000443**	**0.0000451**	**0.00006**	**0.000132**	--
PCB-017	E1668C		**0.000517**	**0.000508**	**0.000819**	**0.00164**	--
PCB-018/030	E1668C		**0.000117**	**0.000105**	**0.000117**	**0.000418**	--
PCB-019	E1668C		**0.000521**	**0.000592**	**0.00084**	**0.00204**	--
PCB-020/028	E1668C		**0.00226**	**0.00261**	**0.00258**	**0.00462**	--
PCB-021/033	E1668C		**0.000399**	**0.000364**	**0.000431**	**0.000821**	--
PCB-022	E1668C		**0.000129**	**0.000159**	**0.000183**	**0.000338**	--
PCB-023	E1668C		0.0000107 U	0.00000884 U	0.000012 U	0.0000133 U	--
PCB-024	E1668C		0.00000733 U	0.00000251 U	0.00000435 U	**0.000013**	--
PCB-025	E1668C		**0.000327**	**0.000367**	**0.000486**	**0.0011**	--
PCB-026/029	E1668C		**0.000438**	**0.000599**	**0.000505**	**0.00114**	--
PCB-027	E1668C		**0.000324**	**0.000317**	**0.00051**	**0.00106**	--
PCB-031	E1668C		**0.000571**	**0.000748**	**0.000882**	**0.00165**	--
PCB-032	E1668C		**0.000563**	**0.00079**	**0.00102**	**0.00195**	--
PCB-034	E1668C		**0.0000323 J**	**0.0000266**	**0.000033**	**0.000074**	--
PCB-035	E1668C		0.0000105 U	0.00000859 U	0.0000116 U	0.000013 U	--
PCB-036	E1668C		0.00000906 U	0.00000773 U	0.0000105 U	0.0000112 U	--
PCB-037	E1668C		**0.0000719**	**0.0000808**	**0.0000748**	**0.000163**	--
PCB-038	E1668C		**0.0000336**	**0.0000311**	**0.0000233**	**0.0000497**	--
PCB-039	E1668C		0.00000993 U	0.00000809 U	0.0000109 U	0.0000123 U	--
PCB-040/071	E1668C		**0.00516**	**0.00458**	**0.00532**	**0.00764**	--
PCB-041	E1668C		0.0000103 U	0.0000070 U	0.00000764 U	0.0000108 U	--
PCB-042	E1668C		**0.00331**	**0.00306**	**0.00304**	**0.00481 J**	--
PCB-043	E1668C		**0.0000437**	0.00000563 U	**0.0000595**	**0.000128**	--
PCB-044/047/065	E1668C		**0.104 J**	**0.112 J**	**0.0928 J**	**0.135 J**	--
PCB-045	E1668C		0.0000101 U	0.0000063 U	0.00000687 U	0.0000106 U	--
PCB-046	E1668C		**0.000359**	**0.000428**	**0.00058**	**0.00107**	--
PCB-048	E1668C		**0.000124**	**0.000111 J**	**0.000119**	**0.000209**	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-07-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-08-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-09-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-10-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-01-ADLT-240917 2024-09-17 N TA
PCB-049/069	E1668C		**0.0492 J**	**0.0516 J**	**0.0441 J**	**0.0677 J**	--
PCB-050/053	E1668C		**0.00714**	**0.00658**	**0.00926 J**	**0.0177 J**	--
PCB-051	E1668C		**0.01 J**	**0.0116 J**	**0.0133 J**	**0.021 J**	--
PCB-052	E1668C		**0.00267**	**0.00252**	**0.00243**	**0.00874 J**	--
PCB-054	E1668C		**0.000708**	**0.000696**	**0.000971**	**0.00207**	--
PCB-055	E1668C		0.0000288 U	0.0000331 U	0.0000261 U	0.0000366 U	--
PCB-056	E1668C		**0.00069**	**0.000717**	**0.000692**	**0.00114**	--
PCB-057	E1668C		**0.000109**	**0.000134**	**0.000121**	**0.000212**	--
PCB-058	E1668C		**0.000317**	**0.000201**	**0.000313**	**0.000416**	--
PCB-059/062/075	E1668C		**0.0024**	**0.00256**	**0.00217**	**0.00315**	--
PCB-060	E1668C		**0.000255**	**0.000252**	**0.000186**	**0.00029**	--
PCB-061/070/074/076	E1668C		**0.00942**	**0.00966**	**0.00736**	**0.0119**	--
PCB-063	E1668C		**0.00144**	**0.00143**	**0.00101**	**0.00151**	--
PCB-064	E1668C		**0.00205**	**0.00224**	**0.00188**	**0.00284**	--
PCB-066	E1668C		**0.0143 J**	**0.0142 J**	**0.0104 J**	**0.0158 J**	--
PCB-067	E1668C		0.0000268 U	**0.000492**	**0.000372**	0.0000341 U	--
PCB-068	E1668C		**0.00407 J**	**0.00381**	**0.00261**	**0.00382**	--
PCB-072	E1668C		**0.00237**	**0.00225**	**0.00133**	**0.00216**	--
PCB-073	E1668C		**0.00145**	**0.00111**	**0.00133**	**0.00216**	--
PCB-077	E1668C		**0.000341**	**0.000492**	**0.000427**	**0.000833**	--
PCB-078	E1668C		0.0000319 U	0.0000366 U	0.0000289 U	**0.00011**	--
PCB-079	E1668C		**0.000663**	**0.000623**	**0.000407**	**0.000629**	--
PCB-080	E1668C		0.0000286 U	0.0000338 U	0.0000266 U	0.0000364 U	--
PCB-081	E1668C		0.0000322 U	0.0000359 U	0.0000283 U	0.000041 U	--
PCB-082	E1668C		**0.00313**	**0.00248**	**0.002**	**0.00279**	--
PCB-083	E1668C		**0.00766 J**	**0.00338**	**0.00112**	**0.00749 J**	--
PCB-084	E1668C		**0.00682 J**	**0.00454 J**	**0.00491 J**	**0.00866 J**	--
PCB-085/116	E1668C		**0.0144 J**	**0.0137 J**	**0.00888 J**	**0.0124 J**	--
PCB-086/087/097/109/119/125	E1668C		**0.058 J**	**0.0592 J**	**0.0394 J**	**0.0529 J**	--
PCB-088	E1668C		0.00000749 U	0.00000425 U	0.00000569 U	0.00000839 U	--
PCB-089	E1668C		**0.00011**	**0.00011**	**0.0000925**	**0.000132**	--
PCB-090/101/113	E1668C		**0.172 J**	**0.171 J**	**0.118 J**	**0.176 J**	--
PCB-091	E1668C		**0.0424 J**	**0.0383 J**	**0.0272 J**	**0.042 J**	--
PCB-092	E1668C		**0.0268 J**	**0.0261 J**	**0.0209 J**	**0.0402 J**	--
PCB-093/100	E1668C		**0.0252 J**	**0.0267 J**	**0.0205 J**	**0.0272 J**	--
PCB-094	E1668C		**0.00389**	**0.00217**	**0.00315**	**0.00523 J**	--
PCB-095	E1668C		**0.0437 J**	**0.0434 J**	**0.0338 J**	**0.0629 J**	--
PCB-096	E1668C		**0.00123**	**0.0011**	**0.00119**	**0.00248**	--
PCB-098	E1668C		**0.000636**	**0.000657**	**0.000528**	**0.000721**	--
PCB-099	E1668C		**0.0988 J**	**0.102 J**	**0.0657 J**	**0.084 J**	--
PCB-102	E1668C		**0.00316**	**0.00243**	**0.00259**	**0.00362**	--
PCB-103	E1668C		**0.0102 J**	**0.0104 J**	**0.00782 J**	**0.0118 J**	--
PCB-104	E1668C		**0.00057**	**0.000484**	**0.000591**	**0.00127**	--
PCB-105	E1668C		**0.025 J**	**0.0211 J**	**0.0142 J**	**0.0192 J**	--
PCB-106	E1668C		0.00000538 U	0.00000279 U	0.00000373 U	**0.0000579**	--
PCB-107	E1668C		**0.0132 J**	**0.0131 J**	**0.00814 J**	**0.0109 J**	--
PCB-108/124	E1668C		**0.00343**	**0.0035**	**0.00242**	**0.00344**	--
PCB-110	E1668C		**0.0993 J**	**0.132 J**	**0.0829 J**	**0.0889 J**	--
PCB-111	E1668C		**0.00164**	**0.0016**	**0.000937**	**0.00123**	--
PCB-112	E1668C		0.00000464 U	**0.000263**	**0.000193**	**0.000227**	--
PCB-114	E1668C		**0.00244**	**0.00179**	**0.00108**	**0.00176**	--
PCB-115	E1668C		0.00000513 U	0.00000221 U	0.00000296 U	0.00000575 U	--
PCB-117	E1668C		**0.00924 J**	**0.00993 J**	**0.00606 J**	**0.00789 J**	--
PCB-118	E1668C		**0.103 J**	**0.0883 J**	**0.0547 J**	**0.0734 J**	--
PCB-120	E1668C		**0.00407 J**	**0.00395**	**0.00229**	**0.00305**	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-07-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-08-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-09-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-10-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-01-ADLT-240917 2024-09-17 N TA
PCB-121	E1668C		**0.000991**	**0.000982**	**0.000593**	**0.000787**	--
PCB-122	E1668C		**0.00101**	**0.0009**	**0.000658**	**0.00106**	--
PCB-123	E1668C		**0.00211**	**0.00219**	**0.00123**	**0.00167**	--
PCB-126	E1668C		**0.000556**	**0.000486**	**0.000271**	**0.000507**	--
PCB-127	E1668C		**0.000627**	**0.000555**	**0.000339**	**0.000441**	--
PCB-128/166	E1668C		**0.0488 J**	**0.0454 J**	**0.0254 J**	**0.0351 J**	--
PCB-129/138/163	E1668C		**0.481 J**	**0.443 J**	**0.315 J**	**0.408 J**	--
PCB-130	E1668C		**0.0274 J**	**0.0193 J**	**0.0162 J**	**0.0225 J**	--
PCB-131	E1668C		**0.0013**	**0.000859**	**0.000836**	**0.00118**	--
PCB-132	E1668C		**0.0626 J**	**0.046 J**	**0.0403 J**	**0.0639 J**	--
PCB-133	E1668C		**0.014 J**	**0.0126 J**	**0.00852 J**	**0.0119 J**	--
PCB-134	E1668C		**0.0108 J**	**0.00576 J**	**0.00716 J**	**0.0122 J**	--
PCB-135/151	E1668C		**0.128 J**	**0.111 J**	**0.0907 J**	**0.15 J**	--
PCB-136	E1668C		**0.0324 J**	**0.0307 J**	**0.0227 J**	**0.0422 J**	--
PCB-137	E1668C		**0.00846 J**	**0.00818 J**	**0.00553 J**	**0.00704 J**	--
PCB-139/140	E1668C		**0.00428**	**0.00395**	**0.00293**	**0.00417**	--
PCB-141	E1668C		**0.0622 J**	**0.0561 J**	**0.0451 J**	**0.0706 J**	--
PCB-142	E1668C		0.00000956 U	0.00000486 U	0.0000085 U	0.0000132 U	--
PCB-143	E1668C		0.00000916 U	0.00000469 U	0.0000082 U	0.0000126 U	--
PCB-144	E1668C		**0.0136 J**	**0.0122 J**	**0.00936 J**	**0.0148 J**	--
PCB-145	E1668C		0.00000849 U	**0.00006**	**0.0000444**	0.0000079 U	--
PCB-146	E1668C		**0.12 J**	**0.109 J**	**0.0717 J**	**0.0952 J**	--
PCB-147/149	E1668C		**0.327 J**	**0.265 J**	**0.217 J**	**0.312 J**	--
PCB-148	E1668C		**0.0029**	**0.00255**	**0.00179**	**0.00265**	--
PCB-150	E1668C		**0.00301**	**0.00313**	**0.00202**	**0.00309**	--
PCB-152	E1668C		**0.00106**	**0.00105**	**0.000794**	**0.0014**	--
PCB-153/168	E1668C		**0.601 J**	**0.503 J**	**0.391 J**	**0.487 J**	--
PCB-154	E1668C		**0.014 J**	**0.0126 J**	**0.0101 J**	**0.0145 J**	--
PCB-155	E1668C		**0.000433**	**0.000466**	**0.0003**	**0.000431**	--
PCB-156/157	E1668C		**0.0321 J**	**0.0315 J**	**0.0175 J**	**0.0256 J**	--
PCB-158	E1668C		**0.0314 J**	**0.03 J**	**0.0205 J**	**0.0271 J**	--
PCB-159	E1668C		**0.00679 J**	**0.00483 J**	**0.00339**	**0.00601 J**	--
PCB-160	E1668C		0.00000742 U	0.00000379 U	0.00000663 U	0.0000102 U	--
PCB-161	E1668C		0.0000062 U	0.0000032 U	0.00000559 U	0.00000855 U	--
PCB-162	E1668C		**0.00409 J**	**0.00349**	**0.00204**	**0.00299**	--
PCB-164	E1668C		**0.0291 J**	**0.0256 J**	**0.0175 J**	**0.0254 J**	--
PCB-165	E1668C		**0.00176**	**0.00154**	**0.00108**	**0.00157**	--
PCB-167	E1668C		**0.026 J**	**0.0227 J**	**0.0122 J**	**0.0172 J**	--
PCB-169	E1668C		**0.00289**	**0.00159**	**0.000973**	**0.00172**	--
PCB-170	E1668C		**0.203 J**	**0.195 J**	**0.0965 J**	**0.114 J**	--
PCB-171/173	E1668C		**0.0418 J**	**0.0379 J**	**0.0259 J**	**0.0334 J**	--
PCB-172	E1668C		**0.0412 J**	**0.0377 J**	**0.0252 J**	**0.0297 J**	--
PCB-174	E1668C		**0.129 J**	**0.0938 J**	**0.0872 J**	**0.136 J**	--
PCB-175	E1668C		**0.00788 J**	**0.00671 J**	**0.00457 J**	**0.00619 J**	--
PCB-176	E1668C		**0.0219 J**	**0.0174 J**	**0.0116 J**	**0.0269 J**	--
PCB-177	E1668C		**0.11 J**	**0.0781 J**	**0.0679 J**	**0.0975 J**	--
PCB-178	E1668C		**0.0772 J**	**0.0622 J**	**0.0358 J**	**0.0794 J**	--
PCB-179	E1668C		**0.0595 J**	**0.046 J**	**0.0314 J**	**0.082 J**	--
PCB-180/193	E1668C		**0.486 J**	**0.44 J**	**0.312 J**	**0.35 J**	--
PCB-181	E1668C		**0.000986**	**0.000898**	**0.000633**	**0.000833**	--
PCB-182	E1668C		**0.00158**	**0.00136**	**0.000949**	**0.00135**	--
PCB-183	E1668C		**0.12 J**	**0.108 J**	**0.0775 J**	**0.0992 J**	--
PCB-184	E1668C		**0.000154 J**	**0.000141**	**0.0000947**	**0.0002**	--
PCB-185	E1668C		**0.0226 J**	**0.0211 J**	**0.0164 J**	**0.0228 J**	--
PCB-186	E1668C		0.00000407 U	0.00000253 U	0.00000477 U	0.0000115 U	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-07-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-08-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-09-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R11-01 HBMP-R11-01WS-10-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-01-ADLT-240917 2024-09-17 N TA
PCB-187	E1668C		**0.306 J**	**0.28 J**	**0.2 J**	**0.259 J**	--
PCB-188	E1668C		**0.00107**	**0.000922**	**0.000555**	**0.00119**	--
PCB-189	E1668C		**0.00865 J**	**0.00809 J**	**0.00439 J**	**0.00537 J**	--
PCB-190	E1668C		**0.0543 J**	**0.0509 J**	**0.0269 J**	**0.0337 J**	--
PCB-191	E1668C		**0.00748 J**	**0.00684 J**	**0.00434 J**	**0.00511 J**	--
PCB-192	E1668C		0.0000529 U	0.0000371 U	0.0000343 U	0.0000458 U	--
PCB-194	E1668C		**0.0888 J**	**0.0733 J**	**0.0369 J**	**0.0428 J**	--
PCB-195	E1668C		**0.0342 J**	**0.0289 J**	**0.0139 J**	**0.019 J**	--
PCB-196	E1668C		**0.0426 J**	**0.039 J**	**0.0181 J**	**0.023 J**	--
PCB-197	E1668C		**0.00348**	**0.00329**	**0.00174**	**0.00251**	--
PCB-198/199	E1668C		**0.097 J**	**0.0943 J**	**0.0407 J**	**0.0573 J**	--
PCB-200	E1668C		**0.00837 J**	**0.00675 J**	**0.00429 J**	**0.00717 J**	--
PCB-201	E1668C		**0.0117 J**	**0.0114 J**	**0.00547 J**	**0.00837 J**	--
PCB-202	E1668C		**0.016 J**	**0.0151 J**	**0.00718 J**	**0.0117 J**	--
PCB-203	E1668C		**0.0701 J**	**0.0668 J**	**0.0323 J**	**0.0421 J**	--
PCB-204	E1668C		**0.0000287**	**0.0000245**	**0.0000145**	**0.0000142 J**	--
PCB-205	E1668C		**0.00569 J**	**0.00474 J**	**0.00226**	**0.00282**	--
PCB-206	E1668C		**0.00932 J**	**0.0102 J**	**0.00479 J**	**0.00514 J**	--
PCB-207	E1668C		**0.00133**	**0.00154**	**0.000806**	**0.000976**	--
PCB-208	E1668C		**0.00206**	**0.00225**	**0.00112**	**0.00141**	--
PCB-209	E1668C		**0.000501**	**0.000626**	**0.000283**	**0.000336**	--
Total PCB Congener (U = 0 max limit)	Calculated		**5.2 J**	**4.7 J**	**3.3 J**	**4.6 J**	--
Total PCB Congener (U = 1/2 max limit)	Calculated		**5.2 J**	**4.7 J**	**3.3 J**	**4.6 J**	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-01-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-03-ADLT-240917 2024-09-17 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**2.5 J**	**1.2 J**	**1.1 J**	**0.94 J**	**0.42 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.125 U	0.0752 U	**0.0747**	0.050 U	0.0251 UJ
Aroclor 1221	SW8082A		0.125 U	0.0752 U	**0.0747**	0.050 U	0.0251 UJ
Aroclor 1232	SW8082A		0.125 U	0.0752 U	**0.0747**	0.050 U	0.0251 UJ
Aroclor 1242	SW8082A		0.125 U	0.0752 U	**0.0747**	0.050 U	0.0251 UJ
Aroclor 1248	SW8082A		0.125 U	0.0752 U	**0.0747**	0.050 U	0.0251 UJ
Aroclor 1254	SW8082A		0.125 U	0.0752 U	**0.0747**	0.050 U	0.0251 UJ
Aroclor 1260	SW8082A		**0.888**	**0.426**	**0.344**	**0.256**	**0.145 J**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.888**	**0.426**	**0.344**	**0.256**	**0.145 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**1.01**	**0.500**	**0.417**	**0.305**	**0.170 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-01-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-03-ADLT-240917 2024-09-17 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-01-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-03-ADLT-240917 2024-09-17 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-01-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-03-ADLT-240917 2024-09-17 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-04-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01NP-01-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01NP-02-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01NP-03-ADLT-241002 2024-10-02 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.1 J**	**1.6 J**	**0.63 J**	**1.3 J**	**2.0 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.0751 U	0.0999 U	0.125 U	0.125 U	0.501 U
Aroclor 1221	SW8082A		0.0751 U	0.0999 U	0.125 U	0.125 U	0.501 U
Aroclor 1232	SW8082A		0.0751 U	0.0999 U	0.125 U	0.125 U	0.501 U
Aroclor 1242	SW8082A		0.0751 U	0.0999 U	0.125 U	0.125 U	0.501 U
Aroclor 1248	SW8082A		0.0751 U	0.0999 U	0.125 U	**0.118 J**	0.501 U
Aroclor 1254	SW8082A		0.0751 U	0.0999 U	0.125 U	0.125 U	0.501 U
Aroclor 1260	SW8082A		**0.485**	**0.654**	**0.854**	**0.959**	**4.12**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.485**	**0.654**	**0.854**	**1.08 J**	**4.12**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.559**	**0.752**	**0.977**	**1.18 J**	**4.62**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-04-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01NP-01-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01NP-02-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01NP-03-ADLT-241002 2024-10-02 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-04-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01NP-01-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01NP-02-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01NP-03-ADLT-241002 2024-10-02 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-04-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01BB-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01NP-01-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01NP-02-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01NP-03-ADLT-241002 2024-10-02 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01NP-04-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-01-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-01-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-02-ADLT-241002 2024-10-02 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.5 J**	**0.82 J**	**0.69 J**	**1.0 J**	**0.49 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.25 U	0.25 U	0.125 U	0.0999 U	0.25 U
Aroclor 1221	SW8082A		0.25 U	0.25 U	0.125 U	0.0999 U	0.25 U
Aroclor 1232	SW8082A		0.25 U	0.25 U	0.125 U	0.0999 U	0.25 U
Aroclor 1242	SW8082A		0.25 U	0.25 U	0.125 U	0.0999 U	0.25 U
Aroclor 1248	SW8082A		0.25 U	0.25 U	0.125 U	0.0999 U	0.25 U
Aroclor 1254	SW8082A		0.25 U	0.25 U	0.125 U	0.0999 U	0.25 U
Aroclor 1260	SW8082A		**1.42**	**1.66**	**1.17**	**0.511**	**1.57**
Total PCB Aroclors (U = 0 max limit)	Calculated		**1.42**	**1.66**	**1.17**	**0.511**	**1.57**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**1.67**	**1.91**	**1.29**	**0.609**	**1.82**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01NP-04-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-01-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-01-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-02-ADLT-241002 2024-10-02 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01NP-04-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-01-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-01-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-02-ADLT-241002 2024-10-02 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01NP-04-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-01-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-01-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-02-ADLT-241002 2024-10-02 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-03-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-04-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-05-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-06-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-07-ADLT-241002 2024-10-02 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.85 J**	**1.3 J**	**0.80 J**	**0.99 J**	**1.3 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.125 U	0.125 U	0.125 U	0.125 U	0.25 U
Aroclor 1221	SW8082A		0.125 U	0.125 U	0.125 U	0.125 U	0.25 U
Aroclor 1232	SW8082A		0.125 U	0.125 U	0.125 U	0.125 U	0.25 U
Aroclor 1242	SW8082A		0.125 U	0.125 U	0.125 U	0.125 U	0.25 U
Aroclor 1248	SW8082A		0.125 U	0.125 U	0.125 U	0.125 U	0.25 U
Aroclor 1254	SW8082A		0.125 U	0.125 U	0.125 U	0.125 U	0.25 U
Aroclor 1260	SW8082A		**0.812**	**0.912**	**1.04**	**0.591**	**1.57**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.812**	**0.912**	**1.04**	**0.591**	**1.57**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.935**	**1.04**	**1.16**	**0.714**	**1.82**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-03-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-04-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-05-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-06-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-07-ADLT-241002 2024-10-02 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-03-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-04-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-05-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-06-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-07-ADLT-241002 2024-10-02 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-03-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-04-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-05-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-06-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-07-ADLT-241002 2024-10-02 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-08-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-03-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-04-ADLT-250102 2025-01-02 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.72 J**	**1.1 J**	**0.88 J**	**0.20 J**	**1.4 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.376 U	0.0499 U	0.0251 U	0.0251 UJ	0.025 U
Aroclor 1221	SW8082A		0.376 U	0.0499 U	0.0251 U	0.0251 UJ	0.025 U
Aroclor 1232	SW8082A		0.376 U	0.0499 U	0.0251 U	0.0251 UJ	0.025 U
Aroclor 1242	SW8082A		0.376 U	0.0499 U	0.0251 U	0.0251 UJ	0.025 U
Aroclor 1248	SW8082A		0.376 U	0.0499 U	0.0251 U	0.0251 UJ	0.025 U
Aroclor 1254	SW8082A		0.376 U	0.0499 U	0.0251 U	0.0251 UJ	0.025 U
Aroclor 1260	SW8082A		**1.24**	**0.287**	**0.213**	**0.173 J**	**0.246**
Total PCB Aroclors (U = 0 max limit)	Calculated		**1.24**	**0.287**	**0.213**	**0.173 J**	**0.246**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**1.61**	**0.336**	**0.238**	**0.198 J**	**0.271**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-08-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-03-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-04-ADLT-250102 2025-01-02 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-08-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-03-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-04-ADLT-250102 2025-01-02 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01SB-08-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-01-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-02-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-03-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-04-ADLT-250102 2025-01-02 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-01-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-01-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-02-ADLT-240917 2024-09-17 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.5 J**	**0.76 J**	**0.58 J**	**0.80 J**	**0.65 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.050 U	0.025 UJ	0.0251 UJ	0.0752 U	**0.0249**
Aroclor 1221	SW8082A		0.050 U	0.025 UJ	0.0251 UJ	0.0752 U	**0.0249**
Aroclor 1232	SW8082A		0.050 U	0.025 UJ	0.0251 UJ	0.0752 U	**0.0249**
Aroclor 1242	SW8082A		0.050 U	0.025 UJ	0.0251 UJ	0.0752 U	**0.0249**
Aroclor 1248	SW8082A		0.050 U	0.025 UJ	0.0251 UJ	0.0752 U	**0.0249**
Aroclor 1254	SW8082A		0.050 U	0.025 UJ	0.0251 UJ	0.0752 U	**0.0249**
Aroclor 1260	SW8082A		**0.381**	**0.143 J**	**0.119 J**	**0.487**	**0.0921**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.381**	**0.143 J**	**0.119 J**	**0.487**	**0.0921**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.430**	**0.168 J**	**0.144 J**	**0.561**	**0.117**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-01-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-01-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-02-ADLT-240917 2024-09-17 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-01-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-01-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-02-ADLT-240917 2024-09-17 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01WS-05-ADLT-250102 2025-01-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-01-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-01-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-02-ADLT-240917 2024-09-17 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-02-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-03-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-03-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-04-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-04-ADLT-241002 2024-10-02 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.62 J**	**0.45 J**	**0.53 J**	**0.68 J**	**0.50 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.0251 U	0.025 U	0.0251 U	**0.0249**	0.025 U
Aroclor 1221	SW8082A		0.0251 U	0.025 U	0.0251 U	**0.0249**	0.025 U
Aroclor 1232	SW8082A		0.0251 U	0.025 U	0.0251 U	**0.0249**	0.025 U
Aroclor 1242	SW8082A		0.0251 U	0.025 U	0.0251 U	**0.0249**	0.025 U
Aroclor 1248	SW8082A		0.0251 U	0.025 U	0.0251 U	**0.0249**	0.025 U
Aroclor 1254	SW8082A		0.0251 U	0.025 U	0.0251 U	**0.0249**	0.025 U
Aroclor 1260	SW8082A		**0.14**	**0.0971**	**0.218**	**0.206**	**0.132**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.14**	**0.0971**	**0.218**	**0.206**	**0.132**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.16**	**0.122**	**0.243**	**0.231**	**0.157**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-02-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-03-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-03-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-04-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-04-ADLT-241002 2024-10-02 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-02-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-03-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-03-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-04-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-04-ADLT-241002 2024-10-02 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-02-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-03-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-03-ADLT-241002 2024-10-02 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-04-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-04-ADLT-241002 2024-10-02 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-06-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-03-ADLT-240913 2024-09-13 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.68 J**	**0.78 J**	**0.73 J**	**0.78 J**	**0.81 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		**0.025**	0.025 UJ	0.0251 UJ	0.0752 U	0.025 U
Aroclor 1221	SW8082A		**0.025**	0.025 UJ	0.0251 UJ	0.0752 U	0.025 U
Aroclor 1232	SW8082A		**0.025**	0.025 UJ	0.0251 UJ	0.0752 U	0.025 U
Aroclor 1242	SW8082A		**0.025**	0.025 UJ	0.0251 UJ	0.0752 U	0.025 U
Aroclor 1248	SW8082A		**0.025**	0.025 UJ	0.0251 UJ	0.0752 U	0.025 U
Aroclor 1254	SW8082A		**0.025**	0.025 UJ	0.0251 UJ	0.0752 U	0.025 U
Aroclor 1260	SW8082A		**0.13**	**0.124 J**	**0.142 J**	**0.27**	**0.202**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.13**	**0.124 J**	**0.142 J**	**0.27**	**0.202**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.15**	**0.149 J**	**0.167 J**	**0.34**	**0.227**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-06-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-03-ADLT-240913 2024-09-13 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-06-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-03-ADLT-240913 2024-09-13 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R12-01 HBMP-R12-01YP-06-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-03-ADLT-240913 2024-09-13 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-08-ADLT-240913 2024-09-13 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.73 J**	**0.91 J**	**0.94 J**	**0.55 J**	**0.88 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.050 U	0.0251 U	0.0251 U	0.0251 U	0.10 U
Aroclor 1221	SW8082A		0.050 U	0.0251 U	0.0251 U	0.0251 U	0.10 U
Aroclor 1232	SW8082A		0.050 U	0.0251 U	0.0251 U	0.0251 U	0.10 U
Aroclor 1242	SW8082A		0.050 U	0.0251 U	0.0251 U	0.0251 U	0.10 U
Aroclor 1248	SW8082A		0.050 U	0.0251 U	0.0251 U	0.0251 U	0.10 U
Aroclor 1254	SW8082A		**0.0963**	**0.0789**	0.0251 U	0.0251 U	**0.148**
Aroclor 1260	SW8082A		**0.182**	**0.151**	**0.195**	**0.136**	**0.283**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.278**	**0.230**	**0.195**	**0.136**	**0.431**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.319**	**0.250**	**0.220**	**0.161**	**0.513**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-08-ADLT-240913 2024-09-13 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-08-ADLT-240913 2024-09-13 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-08-ADLT-240913 2024-09-13 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-03-ADLT-240913 2024-09-13 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.51 J**	**0.58 J**	**0.58 J**	**1.2 J**	**1.2 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.025 U	0.0251 U	0.0499 U	0.125 U	0.125 U
Aroclor 1221	SW8082A		0.025 U	0.0251 U	0.0499 U	0.125 U	0.125 U
Aroclor 1232	SW8082A		0.025 U	0.0251 U	0.0499 U	0.125 U	0.125 U
Aroclor 1242	SW8082A		0.025 U	0.0251 U	0.0499 U	0.125 U	0.125 U
Aroclor 1248	SW8082A		0.025 U	0.0251 U	**0.0165 J**	0.125 U	0.125 U
Aroclor 1254	SW8082A		0.025 U	0.0251 U	0.0499 U	0.125 U	0.125 U
Aroclor 1260	SW8082A		**0.165**	**0.147**	**0.443**	**0.996**	**0.914**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.165**	**0.147**	**0.460 J**	**0.996**	**0.914**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.190**	**0.172**	**0.500 J**	**1.12**	**1.04**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-03-ADLT-240913 2024-09-13 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-03-ADLT-240913 2024-09-13 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01FL-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-03-ADLT-240913 2024-09-13 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-08-ADLT-240913 2024-09-13 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.4 J**	**1.2 J**	**1.8 J**	**1.5 J**	**0.75 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.10 U	0.0999 U	0.10 U	0.125 U	0.0997 U
Aroclor 1221	SW8082A		0.10 U	0.0999 U	0.10 U	0.125 U	0.0997 U
Aroclor 1232	SW8082A		0.10 U	0.0999 U	0.10 U	0.125 U	0.0997 U
Aroclor 1242	SW8082A		0.10 U	0.0999 U	0.10 U	0.125 U	0.0997 U
Aroclor 1248	SW8082A		0.10 U	0.0999 U	0.10 U	0.125 U	0.0997 U
Aroclor 1254	SW8082A		0.10 U	0.0999 U	0.10 U	0.125 U	0.0997 U
Aroclor 1260	SW8082A		**0.54**	**0.65**	**0.746**	**0.915**	**0.578**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.54**	**0.65**	**0.746**	**0.915**	**0.578**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.64**	**0.75**	**0.845**	**1.04**	**0.676**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-08-ADLT-240913 2024-09-13 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-08-ADLT-240913 2024-09-13 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-08-ADLT-240913 2024-09-13 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-03-ADLT-240913 2024-09-13 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.62 J**	**1.5 J**	**0.37 J**	**0.57 J**	**0.40 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.0498 U	0.0498 U	**0.0249**	0.025 U	0.025 U
Aroclor 1221	SW8082A		0.0498 U	0.0498 U	**0.0249**	0.025 U	0.025 U
Aroclor 1232	SW8082A		0.0498 U	0.0498 U	**0.0249**	0.025 U	0.025 U
Aroclor 1242	SW8082A		0.0498 U	0.0498 U	**0.0249**	0.025 U	0.025 U
Aroclor 1248	SW8082A		0.0498 U	0.0498 U	**0.0249**	0.025 U	0.025 U
Aroclor 1254	SW8082A		0.0498 U	0.0498 U	**0.0249**	0.025 U	0.025 U
Aroclor 1260	SW8082A		**0.345**	**0.304**	**0.0392**	**0.0696**	**0.0487**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.345**	**0.304**	**0.0392**	**0.0696**	**0.0487**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.394**	**0.353**	**0.0638**	**0.0942**	**0.0733**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-03-ADLT-240913 2024-09-13 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-03-ADLT-240913 2024-09-13 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01SB-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-03-ADLT-240913 2024-09-13 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-08-ADLT-240913 2024-09-13 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.41 J**	**0.49 J**	**0.48 J**	**0.82 J**	**0.45 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.0251 UJ	0.025 U	0.025 U	0.025 UJ	0.025 UJ
Aroclor 1221	SW8082A		0.0251 UJ	0.025 U	0.025 U	0.025 UJ	0.025 UJ
Aroclor 1232	SW8082A		0.0251 UJ	0.025 U	0.025 U	0.025 UJ	0.025 UJ
Aroclor 1242	SW8082A		0.0251 UJ	0.025 U	0.025 U	0.025 UJ	0.025 UJ
Aroclor 1248	SW8082A		0.0251 UJ	0.025 U	0.025 U	0.025 UJ	0.025 UJ
Aroclor 1254	SW8082A		0.0251 UJ	0.025 U	0.025 U	0.025 UJ	0.025 UJ
Aroclor 1260	SW8082A		**0.0461 J**	**0.0932**	**0.0771**	**0.0823 J**	**0.0575 J**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0461 J**	**0.0932**	**0.0771**	**0.0823 J**	**0.0575 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.0707 J**	**0.118**	**0.102**	**0.107 J**	**0.0821 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-08-ADLT-240913 2024-09-13 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-08-ADLT-240913 2024-09-13 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-08-ADLT-240913 2024-09-13 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-11-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-12-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-13-ADLT-240913 2024-09-13 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.54 J**	**0.35 J**	**1.4 J**	**0.44 J**	**1.2 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		**0.025**	0.025 U	0.025 UJ	**0.0251**	**0.025**
Aroclor 1221	SW8082A		**0.025**	0.025 U	0.025 UJ	**0.0251**	**0.025**
Aroclor 1232	SW8082A		**0.025**	0.025 U	0.025 UJ	**0.0251**	**0.025**
Aroclor 1242	SW8082A		**0.025**	0.025 U	0.025 UJ	**0.0251**	**0.025**
Aroclor 1248	SW8082A		**0.025**	0.025 U	0.025 UJ	**0.0251**	**0.025**
Aroclor 1254	SW8082A		**0.025**	0.025 U	0.025 UJ	**0.0251**	**0.025**
Aroclor 1260	SW8082A		**0.12**	**0.0453**	**0.16 J**	**0.0850**	**0.153**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.12**	**0.0453**	**0.16 J**	**0.0850**	**0.153**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.14**	**0.0699**	**0.18 J**	**0.110**	**0.178**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-11-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-12-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-13-ADLT-240913 2024-09-13 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-11-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-12-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-13-ADLT-240913 2024-09-13 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-11-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-12-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-13-ADLT-240913 2024-09-13 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-14-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-15-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-01-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-02-ADLT-240913 2024-09-13 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.2 J**	**0.80 J**	**5.5 J**	**1.5 J**	**2.8 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.050 U	0.025 UJ	0.10 U	0.10 U	0.025 U
Aroclor 1221	SW8082A		0.050 U	0.025 UJ	0.10 U	0.10 U	0.025 U
Aroclor 1232	SW8082A		0.050 U	0.025 UJ	0.10 U	0.10 U	0.025 U
Aroclor 1242	SW8082A		0.050 U	0.025 UJ	0.10 U	0.10 U	0.025 U
Aroclor 1248	SW8082A		0.050 U	0.025 UJ	**0.0595 J**	0.10 U	**0.0162 J**
Aroclor 1254	SW8082A		0.050 U	0.025 UJ	0.10 U	0.10 U	0.025 U
Aroclor 1260	SW8082A		**0.333**	**0.147 J**	**0.744**	**0.744**	**0.217**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.333**	**0.147 J**	**0.804 J**	**0.744**	**0.233 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.382**	**0.172 J**	**0.886 J**	**0.843**	**0.254 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-14-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-15-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-01-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-02-ADLT-240913 2024-09-13 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-14-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-15-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-01-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-02-ADLT-240913 2024-09-13 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-14-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R13-01 HBMP-R13-01YP-15-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-01-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-02-ADLT-240913 2024-09-13 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-03-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-03-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-04-ADLT-240917 2024-09-17 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.42 J**	**2.1 J**	**3.0 J**	**1.3 J**	**0.84 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.0998 U	0.0747 U	0.075 U	0.0748 U	0.0749 U
Aroclor 1221	SW8082A		0.0998 U	0.0747 U	0.075 U	0.0748 U	0.0749 U
Aroclor 1232	SW8082A		0.0998 U	0.0747 U	0.075 U	0.0748 U	0.0749 U
Aroclor 1242	SW8082A		0.0998 U	0.0747 U	0.075 U	0.0748 U	0.0749 U
Aroclor 1248	SW8082A		0.0998 U	0.0747 U	0.075 U	**0.0262 J**	0.0749 U
Aroclor 1254	SW8082A		0.0998 U	0.0747 U	0.075 U	0.0748 U	0.0749 U
Aroclor 1260	SW8082A		**0.417**	**0.431**	**0.419**	**0.647**	**0.447**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.417**	**0.431**	**0.419**	**0.673 J**	**0.447**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.515**	**0.505**	**0.493**	**0.735 J**	**0.521**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-03-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-03-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-04-ADLT-240917 2024-09-17 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-03-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-03-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-04-ADLT-240917 2024-09-17 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-03-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-03-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-04-ADLT-240917 2024-09-17 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-06-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-02-ADLT-240918 2024-09-18 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**3.1 J**	**0.65 J**	**0.96 J**	**1.9 J**	**1.1 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.125 U	0.025 U	0.25 U	0.125 U	0.249 U
Aroclor 1221	SW8082A		0.125 U	0.025 U	0.25 U	0.125 U	0.249 U
Aroclor 1232	SW8082A		0.125 U	0.025 U	0.25 U	0.125 U	0.249 U
Aroclor 1242	SW8082A		0.125 U	0.025 U	0.25 U	0.125 U	0.249 U
Aroclor 1248	SW8082A		0.125 U	0.025 U	**0.0869 J**	**0.0542 J**	0.249 U
Aroclor 1254	SW8082A		0.125 U	0.025 U	0.25 U	0.125 U	0.249 U
Aroclor 1260	SW8082A		**1.06**	**0.177**	**1.67**	**1.14**	**1.57**
Total PCB Aroclors (U = 0 max limit)	Calculated		**1.06**	**0.177**	**1.76 J**	**1.19 J**	**1.57**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**1.18**	**0.202**	**1.96 J**	**1.30 J**	**1.82**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	**0.0000472**	**0.0000128**	**0.00000552 J**
PCB-002	E1668C		--	--	0.00000229 U	0.00000111 U	0.00000121 U
PCB-003	E1668C		--	--	**0.00000898 J**	0.00000143 U	0.00000155 U
PCB-004	E1668C		--	--	**0.000324**	**0.000269**	**0.000172**
PCB-005	E1668C		--	--	0.00000456 U	0.00000288 U	0.00000312 U
PCB-006	E1668C		--	--	**0.0000669**	**0.0000437**	**0.0000221**
PCB-007	E1668C		--	--	**0.0000117**	**0.00000893**	**0.00000353**
PCB-008	E1668C		--	--	**0.000168**	**0.0000898**	**0.0000646**
PCB-009	E1668C		--	--	**0.0000118**	**0.00000987**	**0.00000514**
PCB-010	E1668C		--	--	**0.0000371 J**	**0.0000266 J**	**0.0000174**
PCB-011	E1668C		--	--	**0.0000179 J**	0.00000911 U	0.00000695 U
PCB-012/013	E1668C		--	--	**0.0000124**	**0.0000056**	0.00000277 U
PCB-014	E1668C		--	--	0.0000041 U	0.00000266 U	0.00000289 U
PCB-015	E1668C		--	--	**0.000108**	**0.0000604**	**0.0000387**
PCB-016	E1668C		--	--	**0.0000938**	**0.000081**	**0.0000716**
PCB-017	E1668C		--	--	**0.000497**	**0.000343**	**0.000346**
PCB-018/030	E1668C		--	--	**0.00052**	**0.00042**	**0.000319**
PCB-019	E1668C		--	--	**0.000268**	**0.000253**	**0.000164**
PCB-020/028	E1668C		--	--	**0.0044**	**0.00271**	**0.00211**
PCB-021/033	E1668C		--	--	**0.000243**	**0.000226**	**0.000186**
PCB-022	E1668C		--	--	**0.00053**	**0.000357**	**0.000252**
PCB-023	E1668C		--	--	0.0000112 U	0.00000509 U	0.00000495 U
PCB-024	E1668C		--	--	**0.0000116**	**0.00000793**	**0.00000605 J**
PCB-025	E1668C		--	--	**0.000724**	**0.00053**	**0.000397**
PCB-026/029	E1668C		--	--	**0.00119**	**0.000786**	**0.000606**
PCB-027	E1668C		--	--	**0.000231**	**0.000219**	**0.000163**
PCB-031	E1668C		--	--	**0.00252**	**0.00153**	**0.00115**
PCB-032	E1668C		--	--	**0.000508**	**0.000374**	**0.000287**
PCB-034	E1668C		--	--	**0.0000357 J**	**0.0000312**	**0.0000268**
PCB-035	E1668C		--	--	0.00000996 U	0.00000441 U	0.00000428 U
PCB-036	E1668C		--	--	0.00000866 U	0.00000392 U	0.00000382 U
PCB-037	E1668C		--	--	**0.000113**	**0.0000817**	**0.0000549**
PCB-038	E1668C		--	--	0.00000939 UJ	**0.0000137**	**0.0000128**
PCB-039	E1668C		--	--	**0.000022**	**0.0000204**	**0.0000118**
PCB-040/071	E1668C		--	--	**0.00132**	**0.00152**	**0.00116**
PCB-041	E1668C		--	--	0.00000539 U	0.00000475 U	0.00000538 U
PCB-042	E1668C		--	--	**0.00292**	**0.00157**	**0.00151**
PCB-043	E1668C		--	--	**0.0000905**	**0.0000735**	**0.0000848**
PCB-044/047/065	E1668C		--	--	**0.0515 J**	**0.0326 J**	**0.034 J**
PCB-045	E1668C		--	--	**0.000457**	**0.000389**	**0.000339**
PCB-046	E1668C		--	--	**0.000119**	**0.000127**	**0.000119**
PCB-048	E1668C		--	--	**0.000328**	**0.000277**	**0.00025**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-06-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-02-ADLT-240918 2024-09-18 N TA
PCB-049/069	E1668C		--	--	**0.026 J**	**0.0166 J**	**0.0171 J**
PCB-050/053	E1668C		--	--	**0.00311**	**0.00305**	**0.00258**
PCB-051	E1668C		--	--	**0.00191**	**0.00187**	**0.00224**
PCB-052	E1668C		--	--	**0.016 J**	**0.00997 J**	**0.0103 J**
PCB-054	E1668C		--	--	**0.0000979**	**0.000075**	**0.0000719**
PCB-055	E1668C		--	--	0.0000887 U	0.0000759 U	0.0000907 U
PCB-056	E1668C		--	--	**0.00134**	**0.000822**	**0.000803**
PCB-057	E1668C		--	--	**0.000145**	0.0000819 U	**0.0000917**
PCB-058	E1668C		--	--	**0.000156**	**0.000113**	**0.000158**
PCB-059/062/075	E1668C		--	--	**0.00174**	**0.00102**	**0.0011**
PCB-060	E1668C		--	--	**0.00129**	**0.000453**	**0.00047**
PCB-061/070/074/076	E1668C		--	--	**0.0133**	**0.00654**	**0.00711**
PCB-063	E1668C		--	--	**0.00113**	**0.000548**	**0.0006**
PCB-064	E1668C		--	--	**0.00329**	**0.00173**	**0.00173**
PCB-066	E1668C		--	--	**0.0118 J**	**0.00647 J**	**0.00715 J**
PCB-067	E1668C		--	--	**0.000491**	**0.000296**	**0.000381**
PCB-068	E1668C		--	--	**0.00182**	**0.00118**	**0.00137**
PCB-072	E1668C		--	--	**0.00112**	**0.000741**	**0.000829**
PCB-073	E1668C		--	--	**0.000342**	**0.000329**	**0.000306**
PCB-077	E1668C		--	--	**0.000255**	**0.000233**	**0.000197**
PCB-078	E1668C		--	--	0.0000961 U	0.0000805 U	0.0000963 U
PCB-079	E1668C		--	--	**0.000309**	**0.00017**	**0.000195**
PCB-080	E1668C		--	--	0.0000888 U	**0.000418**	**0.000562**
PCB-081	E1668C		--	--	0.0000993 U	0.0000791 U	0.0000947 U
PCB-082	E1668C		--	--	**0.00169**	**0.000795**	**0.000788**
PCB-083	E1668C		--	--	**0.00135 J**	**0.00363**	**0.00327**
PCB-084	E1668C		--	--	**0.00307**	**0.00211**	**0.00218**
PCB-085/116	E1668C		--	--	**0.00861 J**	**0.00456**	**0.00478**
PCB-086/087/097/109/119/125	E1668C		--	--	**0.0265 J**	**0.0148**	**0.0164**
PCB-088	E1668C		--	--	0.0000342 U	0.0000521 U	0.0000461 U
PCB-089	E1668C		--	--	0.0000323 U	0.0000436 U	0.0000386 U
PCB-090/101/113	E1668C		--	--	**0.0983 J**	**0.0586 J**	**0.067 J**
PCB-091	E1668C		--	--	**0.016 J**	**0.00943 J**	**0.00984 J**
PCB-092	E1668C		--	--	**0.0262 J**	**0.017 J**	**0.0191 J**
PCB-093/100	E1668C		--	--	**0.0125 J**	**0.00813 J**	**0.00924 J**
PCB-094	E1668C		--	--	**0.000613**	**0.000665**	**0.000654**
PCB-095	E1668C		--	--	**0.0271 J**	**0.0173 J**	**0.0186 J**
PCB-096	E1668C		--	--	**0.000191**	**0.000156**	**0.000181**
PCB-098	E1668C		--	--	**0.000236**	**0.000211**	**0.000253**
PCB-099	E1668C		--	--	**0.0466 J**	**0.0259 J**	**0.0307 J**
PCB-102	E1668C		--	--	**0.000671**	**0.000494**	**0.000559**
PCB-103	E1668C		--	--	**0.00525 J**	**0.00353**	**0.00396**
PCB-104	E1668C		--	--	**0.000176**	**0.000116**	**0.000157**
PCB-105	E1668C		--	--	**0.0107 J**	**0.00517 J**	**0.00572 J**
PCB-106	E1668C		--	--	0.0000232 U	0.000031 U	0.0000275 U
PCB-107	E1668C		--	--	**0.0061 J**	**0.00324**	**0.00398**
PCB-108/124	E1668C		--	--	**0.00178**	**0.00109**	**0.00127**
PCB-110	E1668C		--	--	**0.0436 J**	**0.0253 J**	**0.0268 J**
PCB-111	E1668C		--	--	**0.000682**	**0.000396**	**0.000526**
PCB-112	E1668C		--	--	**0.000142**	**0.0000708**	**0.0000889**
PCB-114	E1668C		--	--	**0.000796**	**0.000378**	**0.000478**
PCB-115	E1668C		--	--	0.0000202 U	0.0000295 U	0.0000261 U
PCB-117	E1668C		--	--	**0.00387**	**0.00208**	**0.00271**
PCB-118	E1668C		--	--	**0.043 J**	**0.0182 J**	**0.0223 J**
PCB-120	E1668C		--	--	**0.00184**	**0.00108**	**0.00149**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-06-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-02-ADLT-240918 2024-09-18 N TA
PCB-121	E1668C		--	--	**0.000384**	**0.000241**	**0.000292**
PCB-122	E1668C		--	--	**0.000364**	**0.00021**	**0.000248**
PCB-123	E1668C		--	--	**0.000805**	**0.000408**	**0.000522**
PCB-126	E1668C		--	--	**0.000231**	**0.000134**	**0.000155**
PCB-127	E1668C		--	--	**0.000244 J**	0.0000301 U	0.0000271 U
PCB-128/166	E1668C		--	--	**0.024 J**	**0.0112 J**	**0.0167 J**
PCB-129/138/163	E1668C		--	--	**0.226 J**	**0.119 J**	**0.154 J**
PCB-130	E1668C		--	--	**0.0116 J**	**0.00628 J**	**0.00694 J**
PCB-131	E1668C		--	--	**0.000603**	0.00000578 U	**0.000376**
PCB-132	E1668C		--	--	**0.0232 J**	**0.015 J**	**0.016 J**
PCB-133	E1668C		--	--	**0.0066 J**	**0.00389 J**	**0.00511 J**
PCB-134	E1668C		--	--	**0.00458 J**	**0.00316**	**0.00381**
PCB-135/151	E1668C		--	--	**0.0714 J**	**0.0452 J**	**0.0548 J**
PCB-136	E1668C		--	--	**0.0128 J**	**0.00773 J**	**0.00966 J**
PCB-137	E1668C		--	--	**0.00381**	**0.00214**	**0.00267**
PCB-139/140	E1668C		--	--	**0.00271**	**0.00159**	**0.00204**
PCB-141	E1668C		--	--	**0.032 J**	**0.0191 J**	**0.0248 J**
PCB-142	E1668C		--	--	0.00000865 U	0.00000578 U	0.00000595 U
PCB-143	E1668C		--	--	0.00000855 U	0.00000522 U	0.00000537 U
PCB-144	E1668C		--	--	**0.00721 J**	**0.00414 J**	**0.00515 J**
PCB-145	E1668C		--	--	0.00000653 U	0.0000035 U	**0.00000673**
PCB-146	E1668C		--	--	**0.052 J**	**0.0284 J**	**0.038 J**
PCB-147/149	E1668C		--	--	**0.134 J**	**0.0805 J**	**0.0884 J**
PCB-148	E1668C		--	--	**0.00155**	**0.000956**	**0.00124**
PCB-150	E1668C		--	--	**0.00113**	**0.000616**	**0.000835**
PCB-152	E1668C		--	--	**0.000325**	**0.000186**	**0.000287**
PCB-153/168	E1668C		--	--	**0.29 J**	**0.158 J**	**0.204 J**
PCB-154	E1668C		--	--	**0.00847 J**	**0.00524 J**	**0.00677 J**
PCB-155	E1668C		--	--	**0.000203**	**0.000114**	**0.000161**
PCB-156/157	E1668C		--	--	**0.0112 J**	**0.00546**	**0.00801**
PCB-158	E1668C		--	--	**0.0148 J**	**0.00767 J**	**0.00995 J**
PCB-159	E1668C		--	--	**0.0022**	**0.00116**	**0.00158**
PCB-160	E1668C		--	--	0.00000684 U	0.00000432 U	0.00000445 U
PCB-161	E1668C		--	--	0.0000057 UJ	0.00000378 U	**0.0000533**
PCB-162	E1668C		--	--	**0.00127**	**0.000742**	**0.00116**
PCB-164	E1668C		--	--	**0.00927 J**	**0.00523 J**	**0.00642 J**
PCB-165	E1668C		--	--	**0.00137**	**0.000841**	**0.00106**
PCB-167	E1668C		--	--	**0.0088 J**	**0.0043 J**	**0.00712 J**
PCB-169	E1668C		--	--	**0.000926**	**0.000444**	**0.000716**
PCB-170	E1668C		--	--	**0.0709 J**	**0.0382 J**	**0.055 J**
PCB-171/173	E1668C		--	--	**0.0214 J**	**0.0111 J**	**0.017 J**
PCB-172	E1668C		--	--	**0.0151 J**	**0.00763 J**	**0.0119 J**
PCB-174	E1668C		--	--	**0.0419 J**	**0.0235 J**	**0.0285 J**
PCB-175	E1668C		--	--	**0.00347**	**0.00187**	**0.00278**
PCB-176	E1668C		--	--	**0.00757 J**	**0.00378**	**0.00455 J**
PCB-177	E1668C		--	--	**0.0369 J**	**0.0201 J**	**0.0241 J**
PCB-178	E1668C		--	--	**0.0299 J**	**0.0154 J**	**0.0222 J**
PCB-179	E1668C		--	--	**0.0255 J**	**0.0141 J**	**0.0171 J**
PCB-180/193	E1668C		--	--	**0.191 J**	**0.0988 J**	**0.155 J**
PCB-181	E1668C		--	--	**0.000468**	**0.000228**	**0.000342**
PCB-182	E1668C		--	--	**0.000813**	**0.00045**	0.0000176 U
PCB-183	E1668C		--	--	**0.0521 J**	**0.0299 J**	**0.0443 J**
PCB-184	E1668C		--	--	**0.0000963 J**	**0.0000519**	**0.0000728**
PCB-185	E1668C		--	--	**0.00884 J**	**0.00469 J**	**0.00685 J**
PCB-186	E1668C		--	--	0.00000636 U	0.00000381 U	0.00000346 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01BB-06-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-02-ADLT-240918 2024-09-18 N TA
PCB-187	E1668C		--	--	**0.132 J**	**0.0697 J**	**0.112 J**
PCB-188	E1668C		--	--	**0.000499**	**0.000239**	**0.000354**
PCB-189	E1668C		--	--	**0.00295**	**0.00129**	**0.00256**
PCB-190	E1668C		--	--	**0.0185 J**	**0.00912 J**	**0.0136 J**
PCB-191	E1668C		--	--	**0.00331**	**0.00155**	**0.00256**
PCB-192	E1668C		--	--	0.0000256 U	0.00000955 U	0.0000148 U
PCB-194	E1668C		--	--	**0.0262 J**	**0.0128 J**	**0.025 J**
PCB-195	E1668C		--	--	**0.0131 J**	**0.00625 J**	**0.0126 J**
PCB-196	E1668C		--	--	**0.0166 J**	**0.00948 J**	**0.0173 J**
PCB-197	E1668C		--	--	**0.00174**	**0.00099**	**0.00169**
PCB-198/199	E1668C		--	--	**0.0343 J**	**0.0178 J**	**0.0312 J**
PCB-200	E1668C		--	--	**0.00261**	**0.00137**	**0.00157**
PCB-201	E1668C		--	--	**0.00468 J**	**0.0026**	**0.00431 J**
PCB-202	E1668C		--	--	**0.00663 J**	**0.00375**	**0.00599 J**
PCB-203	E1668C		--	--	**0.0231 J**	**0.0119 J**	**0.0218 J**
PCB-204	E1668C		--	--	**0.0000127 J**	**0.00000601**	**0.0000154**
PCB-205	E1668C		--	--	**0.0019**	**0.000851**	**0.00182**
PCB-206	E1668C		--	--	**0.00486 J**	**0.0022**	**0.0046 J**
PCB-207	E1668C		--	--	**0.00086**	**0.000416**	**0.000908**
PCB-208	E1668C		--	--	**0.00105**	**0.000471**	**0.000842**
PCB-209	E1668C		--	--	**0.000595**	**0.000245**	**0.000644**
Total PCB Congener (U = 0 max limit)	Calculated		--	--	**2.3 J**	**1.3 J**	**1.7 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	**2.3 J**	**1.3 J**	**1.7 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-03-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-04-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-05-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-06-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-07-ADLT-240918 2024-09-18 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.2 J**	**1.1 J**	**1.2 J**	**0.80 J**	**0.89 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.125 U	0.25 U	0.125 U	0.125 U	0.25 U
Aroclor 1221	SW8082A		0.125 U	0.25 U	0.125 U	0.125 U	0.25 U
Aroclor 1232	SW8082A		0.125 U	0.25 U	0.125 U	0.125 U	0.25 U
Aroclor 1242	SW8082A		0.125 U	0.25 U	0.125 U	0.125 U	0.25 U
Aroclor 1248	SW8082A		**0.0458 J**	0.25 U	**0.0511 J**	0.125 U	0.25 U
Aroclor 1254	SW8082A		0.125 U	0.25 U	0.125 U	0.125 U	0.25 U
Aroclor 1260	SW8082A		**0.994**	**1.56**	**1.14**	**0.872**	**1.89**
Total PCB Aroclors (U = 0 max limit)	Calculated		**1.04 J**	**1.56**	**1.19 J**	**0.872**	**1.89**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**1.14 J**	**1.81**	**1.29 J**	**0.995**	**2.14**
PCB Congeners (mg/kg)							
PCB-001	E1668C		**0.00000404 J**	**0.0000131**	**0.0000273**	--	**0.00000567 J**
PCB-002	E1668C		0.00000145 U	0.00000117 U	0.000000716 U	--	0.00000111 U
PCB-003	E1668C		0.00000185 U	**0.00000307 J**	**0.00000483**	--	0.00000141 U
PCB-004	E1668C		**0.000215**	**0.000208**	**0.000248**	--	**0.000108**
PCB-005	E1668C		0.00000282 U	0.00000496 U	0.00000192 U	--	0.00000381 U
PCB-006	E1668C		**0.0000197 J**	**0.0000433**	**0.0000503**	--	**0.0000265**
PCB-007	E1668C		**0.0000054**	**0.00000695**	**0.00000728**	--	0.00000381 U
PCB-008	E1668C		**0.0000594**	**0.000108**	**0.000109**	--	**0.0000597**
PCB-009	E1668C		**0.00000489**	**0.00000852**	**0.00000949**	--	0.00000343 U
PCB-010	E1668C		**0.0000231 J**	**0.0000224 J**	**0.0000286**	--	0.00000328 U
PCB-011	E1668C		0.0000055 U	0.00000849 U	**0.0000104**	--	0.00000303 U
PCB-012/013	E1668C		0.0000025 U	**0.00000693**	**0.0000113**	--	0.00000338 U
PCB-014	E1668C		0.00000261 U	0.00000459 U	0.00000178 U	--	0.00000352 U
PCB-015	E1668C		**0.000037**	**0.0000695**	**0.0000848**	--	0.0000029 U
PCB-016	E1668C		**0.0000568**	**0.0000803**	**0.0000906**	--	**0.0000528**
PCB-017	E1668C		**0.000293**	**0.000393**	**0.000459**	--	**0.000378**
PCB-018/030	E1668C		**0.000322**	**0.000387**	**0.000435**	--	**0.000346**
PCB-019	E1668C		**0.000164**	**0.000205**	**0.000234**	--	**0.000147**
PCB-020/028	E1668C		**0.00261**	**0.00242**	**0.00278**	--	**0.00332**
PCB-021/033	E1668C		**0.000181**	**0.000224**	**0.000316**	--	**0.000263**
PCB-022	E1668C		**0.000332**	**0.000324**	**0.000413**	--	**0.000328**
PCB-023	E1668C		0.0000049 U	0.00000414 U	0.00000383 U	--	0.00000567 U
PCB-024	E1668C		**0.00000616 J**	**0.00000891**	**0.00000943**	--	**0.00000648**
PCB-025	E1668C		**0.000484**	**0.000486**	**0.00047**	--	**0.000639**
PCB-026/029	E1668C		**0.000722**	**0.000718**	**0.000757**	--	**0.000984**
PCB-027	E1668C		**0.000175**	**0.000191**	**0.000194**	--	**0.000182**
PCB-031	E1668C		**0.00144**	**0.00138**	**0.00162**	--	**0.00185**
PCB-032	E1668C		**0.00029**	**0.000388**	**0.00043**	--	**0.000404**
PCB-034	E1668C		**0.0000315**	**0.0000274 J**	**0.0000238**	--	**0.0000416**
PCB-035	E1668C		0.00000424 U	0.00000359 U	0.00000332 U	--	0.00000491 U
PCB-036	E1668C		0.00000377 U	0.00000319 U	0.00000296 U	--	0.00000437 U
PCB-037	E1668C		**0.0000578**	**0.0000818**	**0.0000887**	--	0.00000491 U
PCB-038	E1668C		**0.000015**	**0.0000168**	**0.0000135 J**	--	0.00000475 U
PCB-039	E1668C		**0.0000229**	**0.0000177**	**0.0000167**	--	**0.000023**
PCB-040/071	E1668C		**0.00136**	**0.00117**	**0.00116**	--	**0.00175**
PCB-041	E1668C		0.00000681 U	0.00000531 U	0.00000295 U	--	0.00000601 U
PCB-042	E1668C		**0.00187**	**0.00164**	**0.00162**	--	0.00000523 U
PCB-043	E1668C		0.00000536 U	0.00000418 U	0.00000232 U	--	0.00000473 U
PCB-044/047/065	E1668C		**0.0374 J**	**0.0345 J**	**0.0294 J**	--	**0.0542 J**
PCB-045	E1668C		**0.000367**	**0.00028**	**0.000395**	--	**0.00381**
PCB-046	E1668C		**0.0000983**	**0.000109**	**0.000107**	--	**0.00014**
PCB-048	E1668C		**0.000244**	**0.000237**	**0.000312**	--	**0.000331**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-03-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-04-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-05-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-06-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-07-ADLT-240918 2024-09-18 N TA
PCB-049/069	E1668C		**0.0184 J**	**0.0167 J**	**0.0147 J**	--	**0.0268 J**
PCB-050/053	E1668C		**0.00308**	**0.00255**	**0.00211**	--	**0.00377**
PCB-051	E1668C		**0.00194**	**0.00221**	**0.00168**	--	0.00000524 U
PCB-052	E1668C		**0.0113 J**	**0.00968 J**	**0.00875 J**	--	**0.0157 J**
PCB-054	E1668C		**0.0000555**	**0.0000812**	**0.0000822**	--	**0.0000612**
PCB-055	E1668C		0.0000658 U	0.0000948 U	0.0000867 U	--	0.000111 U
PCB-056	E1668C		**0.000955**	**0.000876**	**0.000868**	--	**0.000936**
PCB-057	E1668C		**0.0000913**	0.000102 U	0.0000936 U	--	**0.000131**
PCB-058	E1668C		**0.0000876**	**0.00015**	**0.000133**	--	0.000105 U
PCB-059/062/075	E1668C		**0.00117**	**0.00105**	**0.000876**	--	**0.00166**
PCB-060	E1668C		**0.000506**	**0.000531**	**0.000665**	--	0.000133 U
PCB-061/070/074/076	E1668C		**0.00733**	**0.00698**	**0.00661**	--	**0.0107**
PCB-063	E1668C		**0.000647**	**0.000643**	**0.000571**	--	**0.000888**
PCB-064	E1668C		**0.00188**	**0.00169**	**0.00174**	--	**0.00259**
PCB-066	E1668C		**0.0072 J**	**0.00693 J**	**0.00626 J**	--	**0.0106 J**
PCB-067	E1668C		**0.000325**	**0.000352**	**0.000296**	--	**0.000228**
PCB-068	E1668C		**0.00134**	**0.00123**	**0.00105**	--	**0.00213**
PCB-072	E1668C		**0.000822**	**0.00079**	**0.000643**	--	**0.00127**
PCB-073	E1668C		**0.000351**	**0.000366**	**0.000278**	--	**0.000464**
PCB-077	E1668C		**0.000199**	**0.000218**	**0.000197**	--	**0.00021**
PCB-078	E1668C		0.0000698 U	0.000101 U	0.0000921 U	--	0.000117 U
PCB-079	E1668C		**0.000214**	**0.000205**	**0.000186**	--	**0.000263**
PCB-080	E1668C		0.0000649 U	**0.000519**	0.0000856 U	--	0.000109 U
PCB-081	E1668C		0.0000686 U	0.0000989 U	0.0000905 U	--	0.000115 U
PCB-082	E1668C		**0.000936**	**0.0012**	**0.000984**	--	**0.00123**
PCB-083	E1668C		**0.00131**	**0.00141**	**0.00152**	--	0.0000626 U
PCB-084	E1668C		**0.0023**	**0.00248**	**0.00182**	--	**0.00372**
PCB-085/116	E1668C		**0.00496**	**0.00578**	**0.00502**	--	**0.00819 J**
PCB-086/087/097/109/119/125	E1668C		**0.0157**	**0.0195**	**0.0155**	--	**0.0168**
PCB-088	E1668C		0.0000265 U	0.0000348 U	0.000051 U	--	0.0000634 U
PCB-089	E1668C		0.0000222 U	0.0000291 U	0.0000427 U	--	0.0000531 U
PCB-090/101/113	E1668C		**0.0603 J**	**0.0742 J**	**0.0592 J**	--	**0.119 J**
PCB-091	E1668C		**0.00953 J**	**0.0112 J**	**0.00905 J**	--	**0.0183 J**
PCB-092	E1668C		**0.0173 J**	**0.0206 J**	**0.0158 J**	--	**0.0331 J**
PCB-093/100	E1668C		**0.00827 J**	**0.01 J**	**0.00772**	--	**0.0164 J**
PCB-094	E1668C		**0.000562**	**0.000698**	**0.000517**	--	**0.00112**
PCB-095	E1668C		**0.0187 J**	**0.0206 J**	**0.0157 J**	--	**0.0322 J**
PCB-096	E1668C		**0.000137**	**0.000169**	**0.000143**	--	**0.00024**
PCB-098	E1668C		**0.000149**	**0.000204**	**0.00017**	--	0.0000582 U
PCB-099	E1668C		**0.0288 J**	**0.0367 J**	**0.0285 J**	--	**0.0549 J**
PCB-102	E1668C		**0.000486**	**0.000664**	**0.000451**	--	**0.00126**
PCB-103	E1668C		**0.00355**	**0.00416 J**	**0.00322**	--	**0.00675 J**
PCB-104	E1668C		**0.000103**	**0.000149**	**0.00012**	--	**0.000221**
PCB-105	E1668C		**0.00494 J**	**0.0069 J**	**0.00546 J**	--	**0.0085 J**
PCB-106	E1668C		0.0000158 U	0.0000207 U	0.0000304 U	--	0.0000378 U
PCB-107	E1668C		**0.00355**	**0.00448 J**	**0.00352**	--	**0.00653 J**
PCB-108/124	E1668C		**0.00111**	**0.00133**	**0.00104**	--	**0.00232**
PCB-110	E1668C		**0.0259 J**	**0.03 J**	**0.0243 J**	--	**0.0489 J**
PCB-111	E1668C		**0.000399**	**0.000518**	**0.0004**	--	**0.000865**
PCB-112	E1668C		**0.0000812**	**0.00011**	**0.0000686**	--	**0.000147**
PCB-114	E1668C		**0.000363**	**0.000547**	**0.000429**	--	**0.000682**
PCB-115	E1668C		0.000015 U	0.0000197 U	0.0000289 U	--	0.0000359 U
PCB-117	E1668C		**0.00211**	**0.00297**	**0.00222**	--	**0.00447 J**
PCB-118	E1668C		**0.0208 J**	**0.0255 J**	**0.0228 J**	--	**0.035 J**
PCB-120	E1668C		**0.0011**	**0.0014**	**0.00109**	--	**0.00236**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-03-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-04-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-05-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-06-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-07-ADLT-240918 2024-09-18 N TA
PCB-121	E1668C		**0.000245**	**0.00031**	**0.00025**	--	**0.000517**
PCB-122	E1668C		**0.000201**	**0.00028**	**0.000219**	--	**0.000339**
PCB-123	E1668C		**0.000427**	**0.000573**	**0.000505**	--	**0.000892**
PCB-126	E1668C		**0.000131**	**0.000143**	**0.00012**	--	**0.000252**
PCB-127	E1668C		**0.000102**	0.0000204 U	0.0000325 U	--	0.0000284 U
PCB-128/166	E1668C		**0.014 J**	**0.0188 J**	**0.014 J**	--	**0.0214 J**
PCB-129/138/163	E1668C		**0.143 J**	**0.182 J**	**0.153 J**	--	**0.231 J**
PCB-130	E1668C		**0.00824 J**	**0.00926 J**	**0.00786 J**	--	**0.0109 J**
PCB-131	E1668C		**0.000458**	**0.00053**	0.00000342 U	--	0.00000702 U
PCB-132	E1668C		**0.0186 J**	**0.0199 J**	**0.0166 J**	--	**0.0266 J**
PCB-133	E1668C		**0.00458 J**	**0.0056 J**	**0.00444 J**	--	0.00000611 U
PCB-134	E1668C		**0.0039**	**0.00442 J**	**0.00329**	--	**0.00599 J**
PCB-135/151	E1668C		**0.0528 J**	**0.0603 J**	**0.0471 J**	--	**0.085 J**
PCB-136	E1668C		**0.00826 J**	**0.0107 J**	**0.00765 J**	--	**0.0147 J**
PCB-137	E1668C		**0.00253**	**0.00344**	**0.00259**	--	**0.00404 J**
PCB-139/140	E1668C		**0.00192**	**0.00226**	**0.00178**	--	**0.00299**
PCB-141	E1668C		**0.0226 J**	**0.0272 J**	**0.0218 J**	--	**0.0386 J**
PCB-142	E1668C		0.00000866 U	0.0000057 U	0.00000341 U	--	0.00000701 U
PCB-143	E1668C		0.00000782 U	0.00000514 U	0.00000308 U	--	0.00000633 U
PCB-144	E1668C		**0.00497 J**	**0.00594 J**	**0.00466 J**	--	**0.00806 J**
PCB-145	E1668C		0.00000524 U	0.00000445 U	0.00000234 U	--	0.00000498 U
PCB-146	E1668C		**0.035 J**	**0.0448 J**	**0.0359 J**	--	**0.0556 J**
PCB-147/149	E1668C		**0.0979 J**	**0.112 J**	**0.0929 J**	--	**0.148 J**
PCB-148	E1668C		**0.00112**	**0.00132**	**0.00105**	--	**0.00182**
PCB-150	E1668C		**0.000652**	**0.000923**	**0.000688**	--	**0.00126**
PCB-152	E1668C		**0.000184**	**0.000288**	**0.000191**	--	**0.000417**
PCB-153/168	E1668C		**0.184 J**	**0.231 J**	**0.185 J**	--	**0.307 J**
PCB-154	E1668C		**0.0062 J**	**0.00739 J**	**0.00566 J**	--	**0.00991 J**
PCB-155	E1668C		**0.00011**	**0.000171**	**0.000126**	--	**0.000238**
PCB-156/157	E1668C		**0.00542**	**0.00907 J**	**0.00676**	--	**0.0119 J**
PCB-158	E1668C		**0.00929 J**	**0.0121 J**	**0.0099 J**	--	**0.0152 J**
PCB-159	E1668C		**0.00138**	**0.00173**	**0.00128**	--	**0.00228**
PCB-160	E1668C		0.00000648 U	0.00000426 U	0.00000255 U	--	0.00000524 U
PCB-161	E1668C		0.00000566 U	**0.0000649**	0.00000223 U	--	0.00000458 U
PCB-162	E1668C		**0.000854**	**0.00112**	**0.000815**	--	**0.00151**
PCB-164	E1668C		**0.00627 J**	**0.00693 J**	**0.00592 J**	--	**0.0102 J**
PCB-165	E1668C		**0.000866**	**0.00114**	**0.000894**	--	0.00000534 U
PCB-167	E1668C		**0.00497 J**	**0.00673 J**	**0.00507 J**	--	**0.00948 J**
PCB-169	E1668C		**0.000419**	**0.000831**	**0.00053**	--	**0.000922**
PCB-170	E1668C		**0.0363 J**	**0.0562 J**	**0.0449 J**	--	**0.0697 J**
PCB-171/173	E1668C		**0.0119 J**	**0.0199 J**	**0.0139 J**	--	**0.0217 J**
PCB-172	E1668C		**0.00846 J**	**0.0138 J**	**0.00958 J**	--	**0.0151 J**
PCB-174	E1668C		**0.027 J**	**0.037 J**	**0.0272 J**	--	**0.0432 J**
PCB-175	E1668C		**0.00207**	0.000025 U	**0.00216**	--	**0.00358**
PCB-176	E1668C		**0.0044 J**	**0.00546 J**	**0.00429 J**	--	**0.00704 J**
PCB-177	E1668C		**0.024 J**	**0.0316 J**	**0.0246 J**	--	**0.0374 J**
PCB-178	E1668C		**0.0163 J**	**0.0226 J**	**0.0165 J**	--	**0.0305 J**
PCB-179	E1668C		**0.0154 J**	**0.0192 J**	**0.014 J**	--	**0.0259 J**
PCB-180/193	E1668C		**0.105 J**	**0.171 J**	**0.119 J**	--	**0.198 J**
PCB-181	E1668C		**0.000248**	**0.00042**	**0.000296**	--	**0.000455**
PCB-182	E1668C		**0.000455**	0.0000213 U	**0.000512**	--	**0.000894**
PCB-183	E1668C		**0.0315 J**	**0.0498 J**	**0.0344 J**	--	**0.0584 J**
PCB-184	E1668C		**0.0000541**	**0.0000724**	**0.0000528**	--	**0.0000997**
PCB-185	E1668C		**0.00539 J**	**0.00807 J**	**0.0056 J**	--	**0.00942 J**
PCB-186	E1668C		0.00000356 U	0.00000403 U	0.00000164 U	--	0.00000454 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-03-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-04-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-05-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-06-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-07-ADLT-240918 2024-09-18 N TA
PCB-187	E1668C		**0.0745 J**	**0.127 J**	**0.0868 J**	--	**0.144 J**
PCB-188	E1668C		**0.000262**	**0.000355**	**0.000255**	--	**0.00048**
PCB-189	E1668C		**0.00119**	**0.00203**	**0.00171**	--	**0.00283**
PCB-190	E1668C		**0.0087 J**	**0.0142 J**	**0.0112 J**	--	**0.0177 J**
PCB-191	E1668C		**0.00166**	**0.00266**	**0.00188**	--	**0.00322**
PCB-192	E1668C		0.0000141 U	0.0000178 U	0.0000105 U	--	0.0000191 U
PCB-194	E1668C		**0.0119 J**	**0.0219 J**	**0.0173 J**	--	**0.032 J**
PCB-195	E1668C		**0.0059 J**	**0.0118 J**	**0.00917 J**	--	**0.0154 J**
PCB-196	E1668C		**0.00923 J**	**0.0145 J**	**0.0104 J**	--	**0.0229 J**
PCB-197	E1668C		**0.00102**	**0.0015**	**0.00107**	--	**0.00234**
PCB-198/199	E1668C		**0.0186 J**	**0.0291 J**	**0.0213 J**	--	**0.0424 J**
PCB-200	E1668C		**0.00164**	**0.00192**	**0.00165**	--	**0.00281**
PCB-201	E1668C		**0.00269**	**0.00415 J**	**0.00295**	--	**0.00601 J**
PCB-202	E1668C		**0.00385**	**0.00553 J**	**0.00393 J**	--	**0.00848 J**
PCB-203	E1668C		**0.0119 J**	**0.0197 J**	**0.0145 J**	--	**0.0299 J**
PCB-204	E1668C		**0.00000651 J**	**0.0000126 J**	**0.00000856**	--	**0.0000178**
PCB-205	E1668C		**0.000795**	**0.00153**	**0.00122**	--	**0.00226**
PCB-206	E1668C		**0.00202**	**0.00392 J**	**0.00339**	--	**0.00548 J**
PCB-207	E1668C		**0.000397**	**0.000747**	**0.00057**	--	**0.000899**
PCB-208	E1668C		**0.000493**	**0.000812**	**0.000672**	--	**0.000944**
PCB-209	E1668C		**0.0002**	**0.000526**	**0.000391**	--	**0.000512**
Total PCB Congener (U = 0 max limit)	Calculated		**1.4 J**	**1.9 J**	**1.5 J**	--	**2.5 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**1.4 J**	**1.9 J**	**1.5 J**	--	**2.5 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-08-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-09-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-01-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-01-ADLT-240918 2024-09-18 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.1 J**	**1.4 J**	**1.2 J**	**1.6 J**	**0.87 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.25 U	0.50 U	0.125 U	0.498 U	0.0752 U
Aroclor 1221	SW8082A		0.25 U	0.50 U	0.125 U	0.498 U	0.0752 U
Aroclor 1232	SW8082A		0.25 U	0.50 U	0.125 U	0.498 U	0.0752 U
Aroclor 1242	SW8082A		0.25 U	0.50 U	0.125 U	0.498 U	0.0752 U
Aroclor 1248	SW8082A		0.25 U	0.50 U	0.125 U	0.498 U	**0.0453 J**
Aroclor 1254	SW8082A		0.25 U	0.50 U	0.125 U	0.498 U	0.0752 U
Aroclor 1260	SW8082A		**1.6**	**4.36**	**1.32**	**3.46**	**0.459**
Total PCB Aroclors (U = 0 max limit)	Calculated		**1.6**	**4.36**	**1.32**	**3.46**	**0.504 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**1.8**	**4.85**	**1.44**	**3.95**	**0.566 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	**0.0000175**	0.0000022 U	0.00000243 U	--
PCB-002	E1668C		--	0.00000115 U	0.00000186 U	0.00000204 U	--
PCB-003	E1668C		--	**0.00000303 J**	0.0000024 U	0.00000262 U	--
PCB-004	E1668C		--	**0.000169**	**0.0000255 J**	**0.0000692**	--
PCB-005	E1668C		--	0.00000302 U	0.00000448 U	0.00000444 U	--
PCB-006	E1668C		--	**0.00004**	0.00000374 U	**0.0000125**	--
PCB-007	E1668C		--	**0.00000728**	0.00000442 U	0.00000439 U	--
PCB-008	E1668C		--	**0.0000962**	**0.00000725**	**0.0000305 J**	--
PCB-009	E1668C		--	**0.00000731**	0.00000402 U	0.00000399 U	--
PCB-010	E1668C		--	**0.0000178**	0.0000028 U	**0.00000663**	--
PCB-011	E1668C		--	0.00000846 U	0.00000615 U	0.00000472 U	--
PCB-012/013	E1668C		--	**0.00000483**	0.00000394 U	0.00000391 U	--
PCB-014	E1668C		--	0.00000279 U	0.00000403 U	0.00000399 U	--
PCB-015	E1668C		--	**0.0000403 J**	**0.000005**	**0.0000114**	--
PCB-016	E1668C		--	**0.0000647**	**0.00000985**	**0.0000353**	--
PCB-017	E1668C		--	**0.000378**	**0.0000919**	**0.000237**	--
PCB-018/030	E1668C		--	**0.000366**	**0.0000653**	**0.00018**	--
PCB-019	E1668C		--	**0.000175**	**0.0000801**	**0.0000978**	--
PCB-020/028	E1668C		--	**0.00319**	**0.000885**	**0.00152**	--
PCB-021/033	E1668C		--	**0.000208**	**0.0000646**	**0.000158**	--
PCB-022	E1668C		--	**0.000369**	**0.0000745**	**0.000181**	--
PCB-023	E1668C		--	0.00000539 U	0.00000652 U	0.00000799 U	--
PCB-024	E1668C		--	**0.00000615 J**	0.00000291 U	**0.00000257 J**	--
PCB-025	E1668C		--	**0.000539**	**0.000158**	**0.000267**	--
PCB-026/029	E1668C		--	**0.000871**	**0.000255**	**0.000403**	--
PCB-027	E1668C		--	**0.000166**	**0.0000498**	**0.000095**	--
PCB-031	E1668C		--	**0.00178**	**0.000315**	**0.000652**	--
PCB-032	E1668C		--	**0.000398**	**0.0000851**	**0.000232**	--
PCB-034	E1668C		--	**0.0000278 J**	0.0000064 U	**0.0000113 J**	--
PCB-035	E1668C		--	0.00000466 U	0.0000058 U	0.00000711 U	--
PCB-036	E1668C		--	0.00000415 U	0.00000504 U	0.00000618 U	--
PCB-037	E1668C		--	**0.0000726**	**0.0000204 J**	**0.0000399**	--
PCB-038	E1668C		--	**0.000021**	**0.0000106**	**0.0000135 J**	--
PCB-039	E1668C		--	**0.0000146**	0.00000559 U	0.00000686 U	--
PCB-040/071	E1668C		--	**0.00107**	**0.000769**	**0.00238**	--
PCB-041	E1668C		--	0.00000478 U	0.00000672 U	**0.000107**	--
PCB-042	E1668C		--	**0.00271**	**0.0008**	**0.00184**	--
PCB-043	E1668C		--	**0.0000909**	**0.0000298**	**0.0001**	--
PCB-044/047/065	E1668C		--	**0.0565 J**	**0.0241 J**	**0.0415 J**	--
PCB-045	E1668C		--	**0.000343**	**0.000237**	**0.000732**	--
PCB-046	E1668C		--	**0.0000961**	**0.0000764**	**0.000181**	--
PCB-048	E1668C		--	**0.000297**	**0.0000847**	**0.0004**	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-08-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-09-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-01-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-01-ADLT-240918 2024-09-18 N TA
PCB-049/069	E1668C		--	**0.0268 J**	**0.0105 J**	**0.0185 J**	--
PCB-050/053	E1668C		--	**0.00255**	**0.00139**	**0.00274**	--
PCB-051	E1668C		--	**0.00234**	**0.000993**	**0.00242**	--
PCB-052	E1668C		--	**0.0156 J**	**0.00577 J**	**0.0101 J**	--
PCB-054	E1668C		--	**0.0000582**	**0.000112**	**0.000155**	--
PCB-055	E1668C		--	0.000183 U	0.0000521 U	0.000118 U	--
PCB-056	E1668C		--	**0.00114**	**0.000263**	**0.000792**	--
PCB-057	E1668C		--	0.000198 U	0.0000572 U	0.00013 U	--
PCB-058	E1668C		--	**0.000243**	**0.0000995**	0.000116 U	--
PCB-059/062/075	E1668C		--	**0.00177**	**0.000593**	**0.00124**	--
PCB-060	E1668C		--	**0.00134**	**0.000183**	**0.000518**	--
PCB-061/070/074/076	E1668C		--	**0.015**	**0.0024**	**0.00631**	--
PCB-063	E1668C		--	**0.00128**	**0.000401**	**0.000773**	--
PCB-064	E1668C		--	**0.00309**	**0.000646**	**0.00168**	--
PCB-066	E1668C		--	**0.0144 J**	**0.00413 J**	**0.00799 J**	--
PCB-067	E1668C		--	**0.000637**	**0.000141**	**0.000377**	--
PCB-068	E1668C		--	**0.00224**	**0.00101**	**0.00165**	--
PCB-072	E1668C		--	**0.00142**	**0.000591**	**0.000955**	--
PCB-073	E1668C		--	**0.000323**	**0.000145**	**0.000357**	--
PCB-077	E1668C		--	0.000223 U	**0.000139**	**0.000232**	--
PCB-078	E1668C		--	0.000195 U	0.0000564 U	0.000128 U	--
PCB-079	E1668C		--	**0.0005**	**0.000133**	**0.000288**	--
PCB-080	E1668C		--	**0.00105**	0.0000521 U	0.000118 U	--
PCB-081	E1668C		--	0.000191 U	0.0000583 U	0.000132 U	--
PCB-082	E1668C		--	**0.00221**	**0.000798**	**0.00167**	--
PCB-083	E1668C		--	**0.00513 J**	**0.00212**	**0.00449 J**	--
PCB-084	E1668C		--	**0.00376**	**0.00141**	**0.003**	--
PCB-085/116	E1668C		--	**0.0122 J**	**0.0049**	**0.00865 J**	--
PCB-086/087/097/109/119/125	E1668C		--	**0.0383 J**	**0.0161**	**0.0298 J**	--
PCB-088	E1668C		--	0.0000368 U	0.0000573 U	0.00018 U	--
PCB-089	E1668C		--	0.0000308 U	0.0000541 U	0.00017 U	--
PCB-090/101/113	E1668C		--	**0.144 J**	**0.065 J**	**0.11 J**	--
PCB-091	E1668C		--	**0.018 J**	**0.00981 J**	**0.0169 J**	--
PCB-092	E1668C		--	**0.0385 J**	**0.0159 J**	**0.0289 J**	--
PCB-093/100	E1668C		--	**0.0175 J**	**0.00688**	**0.0156 J**	--
PCB-094	E1668C		--	**0.00059**	**0.000478**	**0.00142**	--
PCB-095	E1668C		--	**0.0321 J**	**0.015 J**	**0.0275 J**	--
PCB-096	E1668C		--	**0.000186**	**0.000172**	**0.000367**	--
PCB-098	E1668C		--	**0.000458**	**0.000151**	**0.000359**	--
PCB-099	E1668C		--	**0.0726 J**	**0.03 J**	**0.0529 J**	--
PCB-102	E1668C		--	**0.000614**	**0.000473**	**0.00139**	--
PCB-103	E1668C		--	**0.00673 J**	**0.00309**	**0.00608 J**	--
PCB-104	E1668C		--	**0.000193**	**0.0000937**	**0.000321**	--
PCB-105	E1668C		--	**0.0153 J**	**0.00663 J**	**0.0117 J**	--
PCB-106	E1668C		--	0.0000219 U	0.0000388 U	0.000122 U	--
PCB-107	E1668C		--	**0.00962 J**	**0.00396**	**0.00736 J**	--
PCB-108/124	E1668C		--	**0.00262**	**0.00121**	**0.00202**	--
PCB-110	E1668C		--	**0.0542 J**	**0.0248 J**	**0.0451 J**	--
PCB-111	E1668C		--	**0.00103**	**0.00054**	**0.00091**	--
PCB-112	E1668C		--	**0.000223**	**0.0000959**	**0.000185**	--
PCB-114	E1668C		--	**0.00126**	**0.000539**	**0.000941**	--
PCB-115	E1668C		--	0.0000208 U	0.0000339 U	0.000107 U	--
PCB-117	E1668C		--	**0.00551 J**	**0.00291**	**0.0047 J**	--
PCB-118	E1668C		--	**0.0558 J**	**0.0225 J**	**0.0414 J**	--
PCB-120	E1668C		--	**0.00297**	**0.00131**	**0.00244**	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-08-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-09-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-01-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-01-ADLT-240918 2024-09-18 N TA
PCB-121	E1668C		--	**0.000568**	**0.000267**	**0.000468**	--
PCB-122	E1668C		--	**0.000414**	**0.000254**	**0.000451**	--
PCB-123	E1668C		--	**0.00124**	**0.00072**	**0.00108**	--
PCB-126	E1668C		--	**0.000248**	**0.000179**	**0.000265**	--
PCB-127	E1668C		--	0.0000219 U	**0.000157**	0.000135 U	--
PCB-128/166	E1668C		--	**0.0386 J**	**0.0158 J**	**0.0332 J**	--
PCB-129/138/163	E1668C		--	**0.262 J**	**0.164 J**	**0.252 J**	--
PCB-130	E1668C		--	**0.0133 J**	**0.00921 J**	**0.0115 J**	--
PCB-131	E1668C		--	**0.000714**	0.0000078 U	**0.000685**	--
PCB-132	E1668C		--	**0.0244 J**	**0.0141 J**	**0.0218 J**	--
PCB-133	E1668C		--	**0.00829 J**	**0.00511 J**	**0.00765 J**	--
PCB-134	E1668C		--	**0.00595 J**	**0.00333**	**0.00471 J**	--
PCB-135/151	E1668C		--	**0.0831 J**	**0.0416 J**	**0.0743 J**	--
PCB-136	E1668C		--	**0.018 J**	**0.00654 J**	**0.0159 J**	--
PCB-137	E1668C		--	**0.00518 J**	**0.00275**	**0.00433 J**	--
PCB-139/140	E1668C		--	**0.00323**	**0.00151**	**0.00307**	--
PCB-141	E1668C		--	**0.042 J**	**0.0239 J**	**0.0344 J**	--
PCB-142	E1668C		--	0.00000424 U	0.00000793 U	0.00000522 U	--
PCB-143	E1668C		--	0.00000382 U	0.00000783 U	0.00000516 U	--
PCB-144	E1668C		--	**0.0082 J**	**0.00478 J**	**0.00783 J**	--
PCB-145	E1668C		--	0.00000412 U	0.00000605 U	0.00000502 U	--
PCB-146	E1668C		--	**0.0701 J**	**0.0381 J**	**0.0612 J**	--
PCB-147/149	E1668C		--	**0.147 J**	**0.0966 J**	**0.135 J**	--
PCB-148	E1668C		--	**0.00177**	**0.000883**	**0.00183**	--
PCB-150	E1668C		--	**0.00148**	**0.000688**	**0.00161**	--
PCB-152	E1668C		--	**0.000474**	**0.000174**	**0.000573**	--
PCB-153/168	E1668C		--	**0.267 J**	**0.208 J**	**0.327 J**	--
PCB-154	E1668C		--	**0.0106 J**	**0.00488 J**	**0.00973 J**	--
PCB-155	E1668C		--	**0.000317**	**0.000127**	**0.000311**	--
PCB-156/157	E1668C		--	**0.0199 J**	**0.00896 J**	**0.0172 J**	--
PCB-158	E1668C		--	**0.0186 J**	**0.0102 J**	**0.017 J**	--
PCB-159	E1668C		--	**0.00296**	**0.00188**	**0.00283**	--
PCB-160	E1668C		--	0.00000317 U	0.00000627 U	0.00000413 U	--
PCB-161	E1668C		--	**0.000102**	**0.0000716**	0.00000344 U	--
PCB-162	E1668C		--	**0.00233**	**0.00103**	**0.00201**	--
PCB-164	E1668C		--	**0.00965 J**	**0.00831 J**	**0.00962 J**	--
PCB-165	E1668C		--	**0.00153**	**0.000997**	**0.00157**	--
PCB-167	E1668C		--	**0.0143 J**	**0.00697 J**	**0.0126 J**	--
PCB-169	E1668C		--	**0.0017**	**0.000761**	**0.00165**	--
PCB-170	E1668C		--	**0.126 J**	**0.0487 J**	**0.122 J**	--
PCB-171/173	E1668C		--	**0.0311 J**	**0.0126 J**	**0.029 J**	--
PCB-172	E1668C		--	**0.0229 J**	**0.0118 J**	**0.021 J**	--
PCB-174	E1668C		--	**0.0499 J**	**0.0376 J**	**0.0455 J**	--
PCB-175	E1668C		--	**0.00483 J**	**0.00222**	**0.00466 J**	--
PCB-176	E1668C		--	**0.0102 J**	**0.00462 J**	**0.00761 J**	--
PCB-177	E1668C		--	**0.0464 J**	**0.0331 J**	**0.0366 J**	--
PCB-178	E1668C		--	**0.0482 J**	**0.0193 J**	**0.0369 J**	--
PCB-179	E1668C		--	**0.0365 J**	**0.0125 J**	**0.0257 J**	--
PCB-180/193	E1668C		--	**0.278 J**	**0.147 J**	**0.267 J**	--
PCB-181	E1668C		--	**0.000654**	**0.000339**	**0.000656**	--
PCB-182	E1668C		--	0.0000243 U	**0.00053**	**0.000996**	--
PCB-183	E1668C		--	**0.0784 J**	**0.033 J**	**0.0713 J**	--
PCB-184	E1668C		--	**0.000157**	**0.0000517**	**0.000131**	--
PCB-185	E1668C		--	**0.0135 J**	**0.00615 J**	**0.011 J**	--
PCB-186	E1668C		--	0.00000404 U	0.00000482 U	0.00000422 U	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-08-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01NP-09-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-01-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-01-ADLT-240918 2024-09-18 N TA
PCB-187	E1668C		--	**0.204 J**	**0.0962 J**	**0.184 J**	--
PCB-188	E1668C		--	**0.000712**	**0.000295**	**0.000656**	--
PCB-189	E1668C		--	**0.00467 J**	**0.00249**	**0.00547 J**	--
PCB-190	E1668C		--	**0.0322 J**	**0.0133 J**	**0.0328 J**	--
PCB-191	E1668C		--	**0.0042 J**	**0.00238**	**0.00421 J**	--
PCB-192	E1668C		--	0.0000203 U	0.0000193 U	**0.000042**	--
PCB-194	E1668C		--	**0.0516 J**	**0.0211 J**	**0.0581 J**	--
PCB-195	E1668C		--	**0.0268 J**	**0.00952 J**	**0.0288 J**	--
PCB-196	E1668C		--	**0.0377 J**	**0.0098 J**	**0.0313 J**	--
PCB-197	E1668C		--	**0.00366**	**0.00103**	**0.00323**	--
PCB-198/199	E1668C		--	**0.0751 J**	**0.0231 J**	**0.0617 J**	--
PCB-200	E1668C		--	**0.00399 J**	**0.00194**	**0.00272**	--
PCB-201	E1668C		--	**0.00981 J**	**0.00305**	**0.00821 J**	--
PCB-202	E1668C		--	**0.0134 J**	**0.005 J**	**0.0114 J**	--
PCB-203	E1668C		--	**0.0511 J**	**0.0144 J**	**0.0442 J**	--
PCB-204	E1668C		--	**0.0000331**	**0.00000911**	**0.0000293**	--
PCB-205	E1668C		--	**0.00344**	**0.00134**	**0.00408 J**	--
PCB-206	E1668C		--	**0.00854 J**	**0.00284**	**0.0116 J**	--
PCB-207	E1668C		--	**0.00162**	**0.00044**	**0.00194**	--
PCB-208	E1668C		--	**0.00175**	**0.000573**	**0.00186**	--
PCB-209	E1668C		--	**0.00106**	**0.00023**	**0.00123**	--
Total PCB Congener (U = 0 max limit)	Calculated		--	**3.1 J**	**1.6 J**	**2.8 J**	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	**3.1 J**	**1.6 J**	**2.8 J**	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-03-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-04-ADLT-240917 2024-09-17 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.7 J**	**2.4 J**	**1.8 J**	**2.1 J**	**1.9 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.125 U	0.25 U	0.0748 U	0.125 U	0.251 U
Aroclor 1221	SW8082A		0.125 U	0.25 U	0.0748 U	0.125 U	0.251 U
Aroclor 1232	SW8082A		0.125 U	0.25 U	0.0748 U	0.125 U	0.251 U
Aroclor 1242	SW8082A		0.125 U	0.25 U	0.0748 U	0.125 U	0.251 U
Aroclor 1248	SW8082A		**0.0425 J**	0.25 U	0.0748 U	0.125 U	0.251 U
Aroclor 1254	SW8082A		0.125 U	0.25 U	0.0748 U	0.125 U	0.251 U
Aroclor 1260	SW8082A		**0.827**	**1.31**	**0.42**	**0.798**	**1.31**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.870 J**	**1.31**	**0.42**	**0.798**	**1.31**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.972 J**	**1.56**	**0.49**	**0.921**	**1.56**
PCB Congeners (mg/kg)							
PCB-001	E1668C		**0.00000581**	--	--	--	--
PCB-002	E1668C		0.00000171 U	--	--	--	--
PCB-003	E1668C		**0.00000389 J**	--	--	--	--
PCB-004	E1668C		**0.000133**	--	--	--	--
PCB-005	E1668C		0.00000549 U	--	--	--	--
PCB-006	E1668C		**0.0000186**	--	--	--	--
PCB-007	E1668C		**0.00000648**	--	--	--	--
PCB-008	E1668C		**0.0000744**	--	--	--	--
PCB-009	E1668C		0.00000493 U	--	--	--	--
PCB-010	E1668C		**0.0000139**	--	--	--	--
PCB-011	E1668C		0.00000429 U	--	--	--	--
PCB-012/013	E1668C		0.00000483 U	--	--	--	--
PCB-014	E1668C		0.00000494 U	--	--	--	--
PCB-015	E1668C		**0.0000516 J**	--	--	--	--
PCB-016	E1668C		**0.0000898**	--	--	--	--
PCB-017	E1668C		**0.000373**	--	--	--	--
PCB-018/030	E1668C		**0.000374**	--	--	--	--
PCB-019	E1668C		**0.000194**	--	--	--	--
PCB-020/028	E1668C		**0.00168**	--	--	--	--
PCB-021/033	E1668C		**0.000142**	--	--	--	--
PCB-022	E1668C		**0.000234**	--	--	--	--
PCB-023	E1668C		0.00000658 U	--	--	--	--
PCB-024	E1668C		**0.00000679 J**	--	--	--	--
PCB-025	E1668C		**0.000318**	--	--	--	--
PCB-026/029	E1668C		**0.000477**	--	--	--	--
PCB-027	E1668C		**0.000177**	--	--	--	--
PCB-031	E1668C		**0.000927**	--	--	--	--
PCB-032	E1668C		**0.000272**	--	--	--	--
PCB-034	E1668C		**0.0000144**	--	--	--	--
PCB-035	E1668C		0.00000585 U	--	--	--	--
PCB-036	E1668C		0.00000508 U	--	--	--	--
PCB-037	E1668C		**0.0000887**	--	--	--	--
PCB-038	E1668C		**0.0000094**	--	--	--	--
PCB-039	E1668C		0.00000564 U	--	--	--	--
PCB-040/071	E1668C		**0.00155**	--	--	--	--
PCB-041	E1668C		**0.0000607**	--	--	--	--
PCB-042	E1668C		**0.00118**	--	--	--	--
PCB-043	E1668C		**0.0000639**	--	--	--	--
PCB-044/047/065	E1668C		**0.0243 J**	--	--	--	--
PCB-045	E1668C		**0.000204**	--	--	--	--
PCB-046	E1668C		**0.000122**	--	--	--	--
PCB-048	E1668C		**0.000237**	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-03-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-04-ADLT-240917 2024-09-17 N TA
PCB-049/069	E1668C		**0.0113 J**	--	--	--	--
PCB-050/053	E1668C		**0.00216**	--	--	--	--
PCB-051	E1668C		**0.00119**	--	--	--	--
PCB-052	E1668C		**0.00718 J**	--	--	--	--
PCB-054	E1668C		**0.000112**	--	--	--	--
PCB-055	E1668C		0.0000368 U	--	--	--	--
PCB-056	E1668C		**0.000634**	--	--	--	--
PCB-057	E1668C		**0.0000604**	--	--	--	--
PCB-058	E1668C		**0.0000709**	--	--	--	--
PCB-059/062/075	E1668C		**0.000798**	--	--	--	--
PCB-060	E1668C		**0.000356**	--	--	--	--
PCB-061/070/074/076	E1668C		**0.00439**	--	--	--	--
PCB-063	E1668C		**0.000427**	--	--	--	--
PCB-064	E1668C		**0.00123**	--	--	--	--
PCB-066	E1668C		**0.00452 J**	--	--	--	--
PCB-067	E1668C		**0.000187**	--	--	--	--
PCB-068	E1668C		**0.000857**	--	--	--	--
PCB-072	E1668C		**0.000527**	--	--	--	--
PCB-073	E1668C		**0.000272**	--	--	--	--
PCB-077	E1668C		**0.000194**	--	--	--	--
PCB-078	E1668C		0.0000398 U	--	--	--	--
PCB-079	E1668C		**0.000131**	--	--	--	--
PCB-080	E1668C		0.0000368 U	--	--	--	--
PCB-081	E1668C		0.0000412 U	--	--	--	--
PCB-082	E1668C		**0.000733**	--	--	--	--
PCB-083	E1668C		**0.00422 J**	--	--	--	--
PCB-084	E1668C		**0.00181**	--	--	--	--
PCB-085/116	E1668C		**0.00388**	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		**0.0134**	--	--	--	--
PCB-088	E1668C		0.0000813 U	--	--	--	--
PCB-089	E1668C		0.0000767 U	--	--	--	--
PCB-090/101/113	E1668C		**0.0481 J**	--	--	--	--
PCB-091	E1668C		**0.00853 J**	--	--	--	--
PCB-092	E1668C		**0.0136 J**	--	--	--	--
PCB-093/100	E1668C		**0.00681**	--	--	--	--
PCB-094	E1668C		**0.000582**	--	--	--	--
PCB-095	E1668C		**0.0157 J**	--	--	--	--
PCB-096	E1668C		**0.000115**	--	--	--	--
PCB-098	E1668C		**0.00013**	--	--	--	--
PCB-099	E1668C		**0.0207 J**	--	--	--	--
PCB-102	E1668C		**0.000463**	--	--	--	--
PCB-103	E1668C		**0.00291**	--	--	--	--
PCB-104	E1668C		**0.000078**	--	--	--	--
PCB-105	E1668C		**0.00381**	--	--	--	--
PCB-106	E1668C		0.0000551 U	--	--	--	--
PCB-107	E1668C		**0.00293**	--	--	--	--
PCB-108/124	E1668C		**0.000869**	--	--	--	--
PCB-110	E1668C		**0.0225 J**	--	--	--	--
PCB-111	E1668C		**0.000312**	--	--	--	--
PCB-112	E1668C		0.0000499 U	--	--	--	--
PCB-114	E1668C		**0.000325**	--	--	--	--
PCB-115	E1668C		0.0000481 U	--	--	--	--
PCB-117	E1668C		**0.00199**	--	--	--	--
PCB-118	E1668C		**0.0145 J**	--	--	--	--
PCB-120	E1668C		**0.000898**	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-03-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-04-ADLT-240917 2024-09-17 N TA
PCB-121	E1668C		**0.000196**	--	--	--	--
PCB-122	E1668C		**0.000146**	--	--	--	--
PCB-123	E1668C		**0.000441**	--	--	--	--
PCB-126	E1668C		**0.0000855**	--	--	--	--
PCB-127	E1668C		0.0000444 U	--	--	--	--
PCB-128/166	E1668C		**0.0102 J**	--	--	--	--
PCB-129/138/163	E1668C		**0.105 J**	--	--	--	--
PCB-130	E1668C		**0.00622 J**	--	--	--	--
PCB-131	E1668C		**0.0003**	--	--	--	--
PCB-132	E1668C		**0.0126 J**	--	--	--	--
PCB-133	E1668C		**0.00339**	--	--	--	--
PCB-134	E1668C		**0.00252**	--	--	--	--
PCB-135/151	E1668C		**0.0371 J**	--	--	--	--
PCB-136	E1668C		**0.00611 J**	--	--	--	--
PCB-137	E1668C		**0.00184**	--	--	--	--
PCB-139/140	E1668C		**0.00137**	--	--	--	--
PCB-141	E1668C		**0.0149 J**	--	--	--	--
PCB-142	E1668C		0.00000768 U	--	--	--	--
PCB-143	E1668C		0.00000759 U	--	--	--	--
PCB-144	E1668C		**0.00368**	--	--	--	--
PCB-145	E1668C		0.00000456 U	--	--	--	--
PCB-146	E1668C		**0.0245 J**	--	--	--	--
PCB-147/149	E1668C		**0.0698 J**	--	--	--	--
PCB-148	E1668C		**0.000819**	--	--	--	--
PCB-150	E1668C		**0.000477**	--	--	--	--
PCB-152	E1668C		**0.000144**	--	--	--	--
PCB-153/168	E1668C		**0.131 J**	--	--	--	--
PCB-154	E1668C		**0.00442 J**	--	--	--	--
PCB-155	E1668C		**0.0000895**	--	--	--	--
PCB-156/157	E1668C		**0.00442**	--	--	--	--
PCB-158	E1668C		**0.00675 J**	--	--	--	--
PCB-159	E1668C		**0.00103**	--	--	--	--
PCB-160	E1668C		0.00000607 U	--	--	--	--
PCB-161	E1668C		**0.0000396**	--	--	--	--
PCB-162	E1668C		**0.000554**	--	--	--	--
PCB-164	E1668C		**0.00484 J**	--	--	--	--
PCB-165	E1668C		**0.000756**	--	--	--	--
PCB-167	E1668C		**0.00338**	--	--	--	--
PCB-169	E1668C		**0.00032**	--	--	--	--
PCB-170	E1668C		**0.0288 J**	--	--	--	--
PCB-171/173	E1668C		**0.00852 J**	--	--	--	--
PCB-172	E1668C		**0.006 J**	--	--	--	--
PCB-174	E1668C		**0.0197 J**	--	--	--	--
PCB-175	E1668C		**0.00151**	--	--	--	--
PCB-176	E1668C		**0.00294**	--	--	--	--
PCB-177	E1668C		**0.0174 J**	--	--	--	--
PCB-178	E1668C		**0.0109 J**	--	--	--	--
PCB-179	E1668C		**0.0101 J**	--	--	--	--
PCB-180/193	E1668C		**0.0732 J**	--	--	--	--
PCB-181	E1668C		**0.000193**	--	--	--	--
PCB-182	E1668C		**0.000353**	--	--	--	--
PCB-183	E1668C		**0.0215 J**	--	--	--	--
PCB-184	E1668C		**0.0000386**	--	--	--	--
PCB-185	E1668C		**0.00389**	--	--	--	--
PCB-186	E1668C		0.00000309 U	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-02-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-03-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-04-ADLT-240917 2024-09-17 N TA
PCB-187	E1668C		**0.0534 J**	--	--	--	--
PCB-188	E1668C		**0.000186**	--	--	--	--
PCB-189	E1668C		**0.001**	--	--	--	--
PCB-190	E1668C		**0.00747 J**	--	--	--	--
PCB-191	E1668C		**0.00128**	--	--	--	--
PCB-192	E1668C		0.0000127 U	--	--	--	--
PCB-194	E1668C		**0.00982 J**	--	--	--	--
PCB-195	E1668C		**0.00485 J**	--	--	--	--
PCB-196	E1668C		**0.00716 J**	--	--	--	--
PCB-197	E1668C		**0.000818**	--	--	--	--
PCB-198/199	E1668C		**0.015 J**	--	--	--	--
PCB-200	E1668C		**0.00131**	--	--	--	--
PCB-201	E1668C		**0.00226**	--	--	--	--
PCB-202	E1668C		**0.00328**	--	--	--	--
PCB-203	E1668C		**0.00952 J**	--	--	--	--
PCB-204	E1668C		**0.00000537 J**	--	--	--	--
PCB-205	E1668C		**0.000693**	--	--	--	--
PCB-206	E1668C		**0.00157**	--	--	--	--
PCB-207	E1668C		**0.000321**	--	--	--	--
PCB-208	E1668C		**0.000409**	--	--	--	--
PCB-209	E1668C		**0.000167**	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		**1.0 J**	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		**1.0 J**	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-06-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-03-ADLT-240913 2024-09-13 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**2.0 J**	**2.4 J**	**0.30 J**	**0.24 J**	**0.22 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.125 U	0.251 U	0.0249 U	0.0251 U	0.025 U
Aroclor 1221	SW8082A		0.125 U	0.251 U	0.0249 U	0.0251 U	0.025 U
Aroclor 1232	SW8082A		0.125 U	0.251 U	0.0249 U	0.0251 U	0.025 U
Aroclor 1242	SW8082A		0.125 U	0.251 U	0.0249 U	0.0251 U	0.025 U
Aroclor 1248	SW8082A		0.125 U	0.251 U	0.0249 U	**0.0085 J**	**0.0100 J**
Aroclor 1254	SW8082A		0.125 U	0.251 U	0.0249 U	0.0251 U	0.025 U
Aroclor 1260	SW8082A		**1.17**	**1.55**	**0.207**	**0.105**	**0.243**
Total PCB Aroclors (U = 0 max limit)	Calculated		**1.17**	**1.55**	**0.207**	**0.11 J**	**0.253 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**1.29**	**1.80**	**0.232**	**0.13 J**	**0.274 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-06-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-03-ADLT-240913 2024-09-13 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-06-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-03-ADLT-240913 2024-09-13 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-05-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01SB-06-ADLT-240917 2024-09-17 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-03-ADLT-240913 2024-09-13 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-08-ADLT-240913 2024-09-13 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.29 J**	**0.39 J**	**0.84 J**	**0.51 J**	**0.41 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 U
Aroclor 1221	SW8082A		0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 U
Aroclor 1232	SW8082A		0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 U
Aroclor 1242	SW8082A		0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 U
Aroclor 1248	SW8082A		**0.0094 J**	0.025 U	0.025 UJ	**0.0111 J**	**0.0177 J**
Aroclor 1254	SW8082A		0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 U
Aroclor 1260	SW8082A		**0.0899**	**0.13**	**0.118 J**	**0.191**	**0.2**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.099 J**	**0.13**	**0.118 J**	**0.202 J**	**0.22 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.12 J**	**0.15**	**0.143 J**	**0.223 J**	**0.24 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-08-ADLT-240913 2024-09-13 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-08-ADLT-240913 2024-09-13 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-08-ADLT-240913 2024-09-13 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-03-ADLT-240913 2024-09-13 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.24 J**	**0.19 J**	**0.86 J**	**1.6 J**	**3.2 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.025 U	0.025 U	0.0249 UJ	0.025 U	0.0249 U
Aroclor 1221	SW8082A		0.025 U	0.025 U	0.0249 UJ	0.025 U	0.0249 U
Aroclor 1232	SW8082A		0.025 U	0.025 U	0.0249 UJ	0.025 U	0.0249 U
Aroclor 1242	SW8082A		0.025 U	0.025 U	0.0249 UJ	0.025 U	0.0249 U
Aroclor 1248	SW8082A		0.025 U	**0.0106 J**	0.0249 UJ	**0.0171 J**	**0.0228 J**
Aroclor 1254	SW8082A		0.025 U	0.025 U	0.0249 UJ	0.025 U	0.0249 U
Aroclor 1260	SW8082A		**0.0763**	**0.168**	**0.0626 J**	**0.14**	**0.251**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0763**	**0.179 J**	**0.0626 J**	**0.16 J**	**0.274 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.101**	**0.199 J**	**0.0872 J**	**0.18 J**	**0.294 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	**0.00000194 J**	0.00000111 U	**0.00000405**
PCB-002	E1668C		--	--	0.000000632 U	0.00000109 U	**0.000000529 J**
PCB-003	E1668C		--	--	0.000000707 U	0.00000122 U	**0.00000174**
PCB-004	E1668C		--	--	**0.000059**	**0.000125**	**0.00014**
PCB-005	E1668C		--	--	0.000000476 U	0.00000112 U	**0.000000886 J**
PCB-006	E1668C		--	--	**0.00000674**	**0.0000114**	**0.0000166**
PCB-007	E1668C		--	--	0.000000465 U	**0.00000112**	**0.00000167 J**
PCB-008	E1668C		--	--	**0.0000215**	**0.000041**	**0.0000587**
PCB-009	E1668C		--	--	**0.00000163**	**0.00000215**	**0.00000394**
PCB-010	E1668C		--	--	**0.0000081**	**0.0000127**	**0.0000131**
PCB-011	E1668C		--	--	0.00000532 U	0.00000536 U	0.00000514 U
PCB-012/013	E1668C		--	--	**0.00000102 J**	**0.00000143 J**	**0.00000163 J**
PCB-014	E1668C		--	--	0.000000467 U	0.0000011 U	0.000000245 U
PCB-015	E1668C		--	--	**0.00000524**	**0.0000107**	**0.0000125**
PCB-016	E1668C		--	--	**0.0000269**	**0.0000442**	**0.0000702**
PCB-017	E1668C		--	--	**0.0000663**	**0.00014**	**0.000168**
PCB-018/030	E1668C		--	--	**0.0000749**	**0.000121**	**0.000217**
PCB-019	E1668C		--	--	**0.0000179**	**0.0000297**	**0.0000545**
PCB-020/028	E1668C		--	--	**0.000437**	**0.000709**	**0.0016**
PCB-021/033	E1668C		--	--	**0.0000199**	**0.0000424**	**0.000137**
PCB-022	E1668C		--	--	**0.0000492**	**0.0000829**	**0.000189**
PCB-023	E1668C		--	--	0.00000167 U	0.0000017 U	**0.000000229 J**
PCB-024	E1668C		--	--	**0.00000215 J**	**0.00000412**	**0.00000584**
PCB-025	E1668C		--	--	**0.000016**	**0.0000349**	**0.000048**
PCB-026/029	E1668C		--	--	**0.0000658**	**0.000113**	**0.000216**
PCB-027	E1668C		--	--	**0.000033**	**0.0000464**	**0.0000764**
PCB-031	E1668C		--	--	**0.0000905**	**0.000192**	**0.000293**
PCB-032	E1668C		--	--	**0.0000468**	**0.000072**	**0.000117**
PCB-034	E1668C		--	--	**0.00000755**	**0.000014**	**0.0000296**
PCB-035	E1668C		--	--	0.00000167 U	0.00000171 U	0.000000501 U
PCB-036	E1668C		--	--	0.00000142 U	0.00000145 U	0.000000438 U
PCB-037	E1668C		--	--	**0.00000703**	**0.000011**	**0.00000859**
PCB-038	E1668C		--	--	**0.00000211**	**0.00000419**	**0.00000519 J**
PCB-039	E1668C		--	--	0.00000157 U	0.00000161 U	**0.00000125**
PCB-040/071	E1668C		--	--	**0.000191**	**0.000296**	**0.000754**
PCB-041	E1668C		--	--	**0.00000662**	**0.0000116**	**0.0000239**
PCB-042	E1668C		--	--	**0.000112**	**0.000193**	**0.000457**
PCB-043	E1668C		--	--	**0.000014**	**0.00002**	**0.0000346**
PCB-044/047/065	E1668C		--	--	**0.00419**	**0.0068**	**0.0137 J**
PCB-045	E1668C		--	--	**0.000027**	**0.0000333**	**0.0000745**
PCB-046	E1668C		--	--	**0.0000172**	**0.0000265**	**0.0000554**
PCB-048	E1668C		--	--	**0.0000216**	**0.0000344**	**0.0000756**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-03-ADLT-240913 2024-09-13 N TA
PCB-049/069	E1668C		--	--	**0.00097**	**0.00152**	**0.00434**
PCB-050/053	E1668C		--	--	**0.0000523**	**0.0000474**	**0.000118**
PCB-051	E1668C		--	--	**0.0000616**	**0.0000441**	**0.000099**
PCB-052	E1668C		--	--	**0.000467**	**0.00067**	**0.00202**
PCB-054	E1668C		--	--	**0.0000182**	**0.0000256**	**0.0000574**
PCB-055	E1668C		--	--	0.00000303 U	0.0000038 U	0.00000243 U
PCB-056	E1668C		--	--	**0.0000836**	**0.000147**	**0.000501**
PCB-057	E1668C		--	--	**0.00000744**	**0.0000103**	**0.0000261**
PCB-058	E1668C		--	--	**0.0000293**	**0.0000346**	**0.0000529**
PCB-059/062/075	E1668C		--	--	**0.000138**	**0.000215**	**0.000444**
PCB-060	E1668C		--	--	**0.0000648**	**0.0000957**	**0.000204**
PCB-061/070/074/076	E1668C		--	--	**0.000522**	**0.000808**	**0.00146**
PCB-063	E1668C		--	--	**0.0000922**	**0.000138**	**0.00026**
PCB-064	E1668C		--	--	**0.000217**	**0.000311**	**0.000813**
PCB-066	E1668C		--	--	**0.00113**	**0.0017**	**0.00328**
PCB-067	E1668C		--	--	0.00000272 U	**0.0000282**	**0.0000424**
PCB-068	E1668C		--	--	**0.00016**	**0.000262**	**0.000463**
PCB-072	E1668C		--	--	**0.000115**	**0.000177**	**0.000343**
PCB-073	E1668C		--	--	**0.0000498**	**0.0000753**	**0.000156**
PCB-077	E1668C		--	--	**0.0000107**	**0.0000172 J**	**0.0000356**
PCB-078	E1668C		--	--	0.00000324 U	0.00000405 U	0.0000027 U
PCB-079	E1668C		--	--	**0.0000385**	**0.0000565**	**0.000064**
PCB-080	E1668C		--	--	0.00000306 U	0.00000383 U	0.00000256 U
PCB-081	E1668C		--	--	0.00000343 U	0.00000429 U	0.00000275 U
PCB-082	E1668C		--	--	**0.000169**	**0.000176**	**0.000427**
PCB-083	E1668C		--	--	**0.000299**	**0.000348**	**0.000925**
PCB-084	E1668C		--	--	**0.000358**	**0.000508**	**0.0014**
PCB-085/116	E1668C		--	--	**0.000528**	**0.00067**	**0.00154**
PCB-086/087/097/109/119/125	E1668C		--	--	**0.00217**	**0.00275**	**0.00601**
PCB-088	E1668C		--	--	0.00000837 U	0.00000999 U	0.000000508 U
PCB-089	E1668C		--	--	0.00000774 U	0.00000924 U	**0.0000173**
PCB-090/101/113	E1668C		--	--	**0.00343**	**0.00447**	**0.0119 J**
PCB-091	E1668C		--	--	**0.00036**	**0.000443**	**0.00119**
PCB-092	E1668C		--	--	**0.00267**	**0.00339**	**0.00759 J**
PCB-093/100	E1668C		--	--	**0.000504**	**0.000812**	**0.00181**
PCB-094	E1668C		--	--	**0.0000533**	**0.0000986**	**0.000248**
PCB-095	E1668C		--	--	**0.0021**	**0.00261**	**0.00672 J**
PCB-096	E1668C		--	--	**0.000015**	**0.0000211**	**0.0000606**
PCB-098	E1668C		--	--	**0.0000112**	**0.0000156**	**0.0000406**
PCB-099	E1668C		--	--	**0.00221**	**0.00265**	**0.00725 J**
PCB-102	E1668C		--	--	**0.0000131**	**0.0000136**	**0.0000425**
PCB-103	E1668C		--	--	**0.000205**	**0.000305**	**0.000861**
PCB-104	E1668C		--	--	**0.0000078**	**0.0000135**	**0.000038**
PCB-105	E1668C		--	--	**0.0012**	**0.00138**	**0.00255**
PCB-106	E1668C		--	--	0.00000544 U	0.0000065 U	0.000000316 U
PCB-107	E1668C		--	--	**0.000615**	**0.000811**	**0.00156**
PCB-108/124	E1668C		--	--	**0.0000677**	**0.0000983**	**0.000194**
PCB-110	E1668C		--	--	**0.00363**	**0.00437 J**	**0.0125 J**
PCB-111	E1668C		--	--	**0.0000614**	**0.0000873**	**0.000151**
PCB-112	E1668C		--	--	**0.00000822**	0.0000058 U	0.000000288 U
PCB-114	E1668C		--	--	**0.000092**	**0.000117**	**0.000176**
PCB-115	E1668C		--	--	0.00000502 U	0.00000599 U	0.000000307 U
PCB-117	E1668C		--	--	**0.00034**	**0.000445**	**0.000872**
PCB-118	E1668C		--	--	**0.00384 J**	**0.00465 J**	**0.0101 J**
PCB-120	E1668C		--	--	**0.000189**	**0.00023**	**0.000438**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-03-ADLT-240913 2024-09-13 N TA
PCB-121	E1668C		--	--	**0.0000286**	**0.0000438**	**0.000082**
PCB-122	E1668C		--	--	**0.0000385**	**0.000049**	**0.000105**
PCB-123	E1668C		--	--	**0.0000766**	**0.000103**	**0.000195**
PCB-126	E1668C		--	--	**0.0000206**	**0.0000301**	**0.000054**
PCB-127	E1668C		--	--	0.00000559 U	0.00000677 U	**0.0000265**
PCB-128/166	E1668C		--	--	**0.00224**	**0.00263**	**0.00409**
PCB-129/138/163	E1668C		--	--	**0.0205 J**	**0.0267 J**	**0.0471 J**
PCB-130	E1668C		--	--	**0.00155**	**0.00205**	**0.00345**
PCB-131	E1668C		--	--	**0.0000628**	**0.000079**	**0.00015**
PCB-132	E1668C		--	--	**0.00255**	**0.00338**	**0.00755 J**
PCB-133	E1668C		--	--	**0.000725**	**0.00103**	**0.00166**
PCB-134	E1668C		--	--	**0.000672**	**0.000957**	**0.00186**
PCB-135/151	E1668C		--	--	**0.00714**	**0.00971 J**	**0.0207 J**
PCB-136	E1668C		--	--	**0.000895**	**0.00143**	**0.0033**
PCB-137	E1668C		--	--	**0.0004**	**0.000449**	**0.000687**
PCB-139/140	E1668C		--	--	**0.000238**	**0.000303**	**0.000522**
PCB-141	E1668C		--	--	**0.00314**	**0.00368**	**0.00696 J**
PCB-142	E1668C		--	--	0.00000115 U	0.0000018 U	0.000000311 U
PCB-143	E1668C		--	--	0.00000101 U	0.00000159 U	0.000000282 U
PCB-144	E1668C		--	--	**0.000405**	**0.000568**	**0.00107**
PCB-145	E1668C		--	--	**0.000000983 J**	0.00000115 U	**0.0000031**
PCB-146	E1668C		--	--	**0.00637 J**	**0.00798 J**	**0.0138 J**
PCB-147/149	E1668C		--	--	**0.0106 J**	**0.0139 J**	**0.028 J**
PCB-148	E1668C		--	--	**0.000157**	**0.000234**	**0.000364**
PCB-150	E1668C		--	--	**0.0000438**	**0.0000656**	**0.000156**
PCB-152	E1668C		--	--	**0.0000206**	**0.0000423**	**0.0000846**
PCB-153/168	E1668C		--	--	**0.01 J**	**0.0122 J**	**0.0345 J**
PCB-154	E1668C		--	--	**0.000564**	**0.000696**	**0.0016**
PCB-155	E1668C		--	--	**0.0000107**	**0.0000184**	**0.0000345**
PCB-156/157	E1668C		--	--	**0.000912**	**0.00116**	**0.0021**
PCB-158	E1668C		--	--	**0.00125**	**0.00169**	**0.00289**
PCB-159	E1668C		--	--	**0.000296**	**0.000343**	**0.000413**
PCB-160	E1668C		--	--	0.000000827 U	0.0000013 U	0.000000239 U
PCB-161	E1668C		--	--	0.000000696 U	0.00000109 U	0.000000205 U
PCB-162	E1668C		--	--	**0.000112**	**0.000151**	**0.000253**
PCB-164	E1668C		--	--	**0.00128**	**0.00176**	**0.00303**
PCB-165	E1668C		--	--	**0.0000743**	**0.000129**	**0.000169**
PCB-167	E1668C		--	--	**0.000673**	**0.000846**	**0.00154**
PCB-169	E1668C		--	--	**0.000127 J**	**0.000165 J**	**0.000105**
PCB-170	E1668C		--	--	**0.00582 J**	**0.00579 J**	**0.01 J**
PCB-171/173	E1668C		--	--	**0.00185**	**0.0022**	**0.00381**
PCB-172	E1668C		--	--	**0.00147**	**0.00142**	**0.00258**
PCB-174	E1668C		--	--	**0.00523 J**	**0.00588 J**	**0.0123 J**
PCB-175	E1668C		--	--	**0.000336**	**0.000413**	**0.000648**
PCB-176	E1668C		--	--	**0.000465**	**0.000647**	**0.00125**
PCB-177	E1668C		--	--	**0.00446 J**	**0.00597 J**	**0.0104 J**
PCB-178	E1668C		--	--	**0.00264**	**0.00374**	**0.00586 J**
PCB-179	E1668C		--	--	**0.00213**	**0.00309**	**0.00588 J**
PCB-180/193	E1668C		--	--	**0.0171 J**	**0.0173 J**	**0.0301 J**
PCB-181	E1668C		--	--	**0.0000421**	**0.00005**	**0.0000842**
PCB-182	E1668C		--	--	**0.0000968**	**0.0000803**	**0.00015**
PCB-183	E1668C		--	--	**0.00312**	**0.00331**	**0.00707 J**
PCB-184	E1668C		--	--	**0.00000301**	**0.00000284 J**	**0.00000921**
PCB-185	E1668C		--	--	**0.000926**	**0.00115**	**0.00187**
PCB-186	E1668C		--	--	0.000000589 U	0.00000089 U	0.000000233 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R14-01 HBMP-R14-01YP-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-03-ADLT-240913 2024-09-13 N TA
PCB-187	E1668C		--	--	**0.0168 J**	**0.0183 J**	**0.0314 J**
PCB-188	E1668C		--	--	**0.0000361**	**0.0000536**	**0.0000869**
PCB-189	E1668C		--	--	**0.000224**	**0.000221**	**0.000345 J**
PCB-190	E1668C		--	--	**0.00146**	**0.00182**	**0.00151**
PCB-191	E1668C		--	--	**0.00027**	**0.000282**	0.00000558 U
PCB-192	E1668C		--	--	0.00000344 U	0.00000383 U	0.00000497 U
PCB-194	E1668C		--	--	**0.00291**	**0.00198**	**0.00245**
PCB-195	E1668C		--	--	**0.0014**	**0.00131**	**0.00276**
PCB-196	E1668C		--	--	**0.00192**	**0.00161**	**0.00239**
PCB-197	E1668C		--	--	**0.000141**	**0.000161**	**0.000225**
PCB-198/199	E1668C		--	--	**0.00423**	**0.00395**	**0.00571**
PCB-200	E1668C		--	--	**0.000412**	**0.000451**	**0.000796**
PCB-201	E1668C		--	--	**0.000569**	**0.000678**	**0.000993**
PCB-202	E1668C		--	--	**0.000731**	**0.000958**	**0.00148**
PCB-203	E1668C		--	--	**0.00277**	**0.00294**	**0.00436 J**
PCB-204	E1668C		--	--	**0.00000173**	**0.00000217 J**	**0.00000295 J**
PCB-205	E1668C		--	--	**0.000182**	**0.000186**	**0.000268**
PCB-206	E1668C		--	--	**0.00079**	**0.000534**	**0.000878**
PCB-207	E1668C		--	--	**0.00013**	**0.0001**	**0.0000948**
PCB-208	E1668C		--	--	**0.000218**	**0.000164**	**0.000266**
PCB-209	E1668C		--	--	**0.000211**	**0.000116**	**0.00019**
Total PCB Congener (U = 0 max limit)	Calculated		--	--	**0.19 J**	**0.23 J**	**0.45 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	**0.19 J**	**0.23 J**	**0.45 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-08-ADLT-240913 2024-09-13 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.4 J**	**3.1 J**	**1.4 J**	**2.5 J**	**3.7 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.0249 U	0.050 U	0.025 UJ	0.0249 U	0.025 U
Aroclor 1221	SW8082A		0.0249 U	0.050 U	0.025 UJ	0.0249 U	0.025 U
Aroclor 1232	SW8082A		0.0249 U	0.050 U	0.025 UJ	0.0249 U	0.025 U
Aroclor 1242	SW8082A		0.0249 U	0.050 U	0.025 UJ	0.0249 U	0.025 U
Aroclor 1248	SW8082A		**0.0094 J**	**0.0263 J**	0.025 UJ	**0.0092 J**	**0.0258**
Aroclor 1254	SW8082A		0.0249 U	0.050 U	0.025 UJ	0.0249 U	0.025 U
Aroclor 1260	SW8082A		**0.109**	**0.328**	**0.118 J**	**0.0725**	**0.191**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.12 J**	**0.354 J**	**0.118 J**	**0.082 J**	**0.217**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.14 J**	**0.395 J**	**0.143 J**	**0.10 J**	**0.237**
PCB Congeners (mg/kg)							
PCB-001	E1668C		0.000022 U	**0.00000465**	**0.00000567**	**0.00000456**	**0.0000083**
PCB-002	E1668C		0.00000953 U	0.0000011 U	**0.000000657 J**	**0.000000505 J**	0.000000545 U
PCB-003	E1668C		0.00000993 U	0.00000124 U	**0.00000162 J**	**0.000000903 J**	**0.0000018**
PCB-004	E1668C		**0.0000829**	**0.000159**	**0.000138**	**0.000144**	**0.000208**
PCB-005	E1668C		0.00000475 U	0.00000109 U	**0.00000147**	**0.00000116**	**0.00000194**
PCB-006	E1668C		**0.00000842**	**0.0000159**	**0.0000218**	**0.0000175**	**0.000028**
PCB-007	E1668C		0.00000458 U	**0.00000171 J**	**0.00000255**	**0.00000179**	**0.00000494**
PCB-008	E1668C		**0.0000283**	**0.0000597**	**0.0000712**	**0.0000589**	**0.000102**
PCB-009	E1668C		0.00000413 U	**0.00000403**	**0.00000495**	**0.00000362**	**0.00000564**
PCB-010	E1668C		**0.0000122**	**0.0000169**	**0.0000163**	**0.0000174**	**0.0000296**
PCB-011	E1668C		**0.0000165**	0.00000522 U	0.00000373 U	0.00000613 U	0.00000413 U
PCB-012/013	E1668C		0.00000453 U	**0.00000206**	0.000000458 U	**0.00000171 J**	**0.00000251**
PCB-014	E1668C		0.0000045 U	0.00000107 U	0.000000453 U	0.000000242 U	0.000000654 U
PCB-015	E1668C		**0.00000522**	**0.0000153**	**0.00000967**	**0.0000128**	**0.0000161**
PCB-016	E1668C		**0.0000434 J**	**0.0000783**	**0.000075**	**0.0000656**	**0.000107**
PCB-017	E1668C		**0.00012**	**0.000196**	**0.000185**	**0.000177**	**0.000326**
PCB-018/030	E1668C		**0.00012**	**0.000247**	**0.000206**	**0.000197**	**0.000261**
PCB-019	E1668C		**0.0000292**	**0.0000579**	**0.0000534**	**0.0000454**	**0.000055**
PCB-020/028	E1668C		**0.000727**	**0.00199**	**0.000775**	**0.000693**	**0.00117**
PCB-021/033	E1668C		**0.0000623**	**0.0000672**	**0.0000892**	**0.0000581**	**0.000108**
PCB-022	E1668C		**0.0000941**	**0.000202**	**0.000113**	**0.0000979**	**0.000169**
PCB-023	E1668C		0.0000115 U	0.00000208 U	0.00000122 U	0.000000835 U	0.00000137 U
PCB-024	E1668C		0.00000946 U	**0.00000687**	**0.0000055**	**0.00000507**	**0.00000671 J**
PCB-025	E1668C		**0.0000239**	**0.0000704**	**0.0000365**	**0.0000383**	**0.0000692**
PCB-026/029	E1668C		**0.0000954**	**0.000274**	**0.000143**	**0.000128**	**0.000206**
PCB-027	E1668C		**0.0000456**	**0.0000996**	**0.0000802**	**0.0000819**	**0.000113**
PCB-031	E1668C		**0.000138**	**0.000396**	**0.000178**	**0.000206**	**0.000367**
PCB-032	E1668C		**0.0000619**	**0.000159**	**0.000115**	**0.000101**	**0.000144**
PCB-034	E1668C		**0.0000103 J**	**0.0000292**	**0.0000147**	**0.0000115**	**0.0000194**
PCB-035	E1668C		0.0000112 U	0.00000209 U	0.00000122 U	0.000000793 U	0.0000013 U
PCB-036	E1668C		0.0000101 U	0.00000177 U	0.00000103 U	0.000000688 U	0.00000112 U
PCB-037	E1668C		0.00000923 U	**0.0000252**	**0.0000123**	**0.00000598**	**0.000017**
PCB-038	E1668C		0.0000104 U	**0.0000104**	**0.00000403**	**0.00000209**	**0.00000447**
PCB-039	E1668C		0.0000105 U	**0.00000567**	**0.00000289**	**0.000000778 J**	**0.00000439**
PCB-040/071	E1668C		**0.00033**	**0.000849**	**0.000433**	**0.000365**	**0.000605**
PCB-041	E1668C		0.0000109 U	0.00000174 U	**0.0000223**	**0.0000139**	**0.0000317**
PCB-042	E1668C		**0.00021**	**0.00046**	**0.000289**	**0.000222**	**0.000413**
PCB-043	E1668C		0.00000873 U	**0.0000591**	**0.0000273**	**0.0000248**	**0.0000433**
PCB-044/047/065	E1668C		**0.00682**	**0.0198 J**	**0.00642**	**0.00468**	**0.00717**
PCB-045	E1668C		**0.0000342**	**0.0000632**	**0.0000511**	**0.0000526**	**0.0000717**
PCB-046	E1668C		**0.0000241**	**0.0000654**	**0.0000447**	**0.0000455**	**0.0000655**
PCB-048	E1668C		**0.0000354**	**0.000113**	**0.0000714**	**0.0000552**	**0.0001**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-08-ADLT-240913 2024-09-13 N TA
PCB-049/069	E1668C		**0.00175**	**0.00546**	**0.0023**	**0.00168**	**0.0029**
PCB-050/053	E1668C		**0.0000499**	**0.000159**	**0.000121**	**0.000101**	**0.000117**
PCB-051	E1668C		**0.0000457**	**0.00012**	**0.000104**	**0.0000932**	**0.0000738**
PCB-052	E1668C		**0.000756**	**0.00219**	**0.00145**	**0.00102**	**0.00229**
PCB-054	E1668C		**0.000024**	**0.0000501**	**0.0000472**	**0.0000401**	**0.0000535**
PCB-055	E1668C		0.0000147 U	0.00000698 U	0.00000454 U	0.00000201 U	0.0000021 U
PCB-056	E1668C		**0.000285**	**0.000375**	**0.000232**	**0.00014**	**0.000274**
PCB-057	E1668C		0.000016 U	**0.0000345**	**0.0000116 J**	**0.0000105**	**0.0000205**
PCB-058	E1668C		**0.0000483**	**0.0000889**	**0.0000373**	**0.00002**	**0.0000418**
PCB-059/062/075	E1668C		**0.000235**	**0.000626**	**0.000236**	**0.000168**	**0.000262**
PCB-060	E1668C		**0.000123**	**0.000308**	**0.000105**	**0.0000664**	**0.000144**
PCB-061/070/074/076	E1668C		**0.000877**	**0.00224**	**0.000851**	**0.000563**	**0.00154**
PCB-063	E1668C		**0.000152**	**0.000373**	**0.000137**	**0.0000828**	**0.000147**
PCB-064	E1668C		**0.000397**	**0.000957**	**0.000419**	**0.000303**	**0.000595**
PCB-066	E1668C		**0.00197**	**0.00469 J**	**0.00177**	**0.00089**	**0.0018**
PCB-067	E1668C		**0.0000114 J**	0.00000626 U	**0.0000394**	**0.0000181**	**0.0000393**
PCB-068	E1668C		**0.000264**	**0.000679**	**0.000261**	**0.000146**	**0.000236**
PCB-072	E1668C		**0.00018**	**0.000493**	**0.000164**	**0.00011**	**0.00018**
PCB-073	E1668C		**0.0000685**	**0.000215**	**0.0000721**	**0.0000664**	**0.000101**
PCB-077	E1668C		**0.0000187**	**0.0000391**	**0.0000171 J**	**0.0000138**	**0.0000321**
PCB-078	E1668C		0.0000163 U	0.00000745 U	0.00000484 U	0.00000218 U	0.00000228 U
PCB-079	E1668C		**0.0000419**	**0.000149**	**0.0000712**	**0.0000262**	**0.0000743**
PCB-080	E1668C		0.0000151 U	0.00000703 U	0.00000457 U	0.00000202 U	0.00000212 U
PCB-081	E1668C		0.000016 U	0.00000788 U	0.00000512 U	0.00000229 U	0.0000024 U
PCB-082	E1668C		**0.000305**	**0.000416**	**0.000261**	**0.000109**	**0.000337**
PCB-083	E1668C		**0.000643**	**0.000692**	**0.000521**	**0.000129**	**0.000315**
PCB-084	E1668C		**0.000752**	**0.000955**	**0.000574**	**0.000368**	**0.000981**
PCB-085/116	E1668C		**0.000947**	**0.00197**	**0.00106**	**0.000443**	**0.00096**
PCB-086/087/097/109/119/125	E1668C		**0.00377**	**0.0072**	**0.00401**	**0.00171**	**0.00392**
PCB-088	E1668C		0.00000867 U	0.0000321 U	0.0000293 U	0.0000165 U	0.00000674 U
PCB-089	E1668C		0.00000775 U	0.0000297 U	0.0000271 U	0.0000146 U	**0.0000158**
PCB-090/101/113	E1668C		**0.00646**	**0.0143 J**	**0.00809**	**0.00354**	**0.00763**
PCB-091	E1668C		**0.000675**	**0.00121**	**0.000757**	**0.000427**	**0.000873**
PCB-092	E1668C		**0.00472 J**	**0.00825 J**	**0.00448 J**	**0.00213**	**0.00372**
PCB-093/100	E1668C		**0.00104**	**0.00224**	**0.00118**	**0.000539**	**0.000854**
PCB-094	E1668C		**0.0000841 J**	**0.000251**	**0.000114**	**0.0000836**	**0.000157**
PCB-095	E1668C		**0.00371**	**0.00584 J**	**0.00342**	**0.00192**	**0.00417 J**
PCB-096	E1668C		**0.0000273**	**0.0000426**	**0.0000429**	**0.000024**	**0.0000504**
PCB-098	E1668C		**0.0000257**	**0.0000372**	0.0000239 U	**0.0000158**	**0.0000337**
PCB-099	E1668C		**0.00387**	**0.00967 J**	**0.00506 J**	**0.00181**	**0.00368**
PCB-102	E1668C		**0.0000191**	**0.0000397**	**0.0000436**	**0.0000193**	**0.0000474**
PCB-103	E1668C		**0.000449**	**0.000844**	**0.000465**	**0.000237**	**0.000435**
PCB-104	E1668C		**0.0000158**	**0.0000266**	**0.0000235**	**0.0000127**	**0.0000236**
PCB-105	E1668C		**0.00194**	**0.00353**	**0.00197**	**0.00066**	**0.00184**
PCB-106	E1668C		0.0000057 U	0.0000208 U	0.000019 U	0.0000101 U	0.00000411 U
PCB-107	E1668C		**0.00116**	**0.0019**	**0.00113**	**0.000383**	**0.000807**
PCB-108/124	E1668C		**0.000126**	**0.000236**	**0.0000838**	**0.000051**	**0.000163**
PCB-110	E1668C		**0.00816 J**	**0.0106 J**	**0.00669 J**	**0.00273**	**0.00626 J**
PCB-111	E1668C		**0.000117**	**0.000183**	**0.000124**	**0.0000416**	**0.0000734**
PCB-112	E1668C		0.00000504 U	**0.0000224**	0.000017 U	0.00000957 U	**0.0000128**
PCB-114	E1668C		**0.000132**	**0.000268**	**0.000165**	**0.000048**	**0.000128**
PCB-115	E1668C		0.00000452 U	0.0000192 U	0.0000175 U	0.0000106 U	0.00000435 U
PCB-117	E1668C		**0.000565**	**0.000924**	**0.000542**	**0.00022**	**0.000396**
PCB-118	E1668C		**0.00635 J**	**0.012 J**	**0.00707 J**	**0.00235**	**0.00573 J**
PCB-120	E1668C		**0.000322**	**0.000543**	**0.000363**	**0.000121**	**0.00021**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-08-ADLT-240913 2024-09-13 N TA
PCB-121	E1668C	**0.000059**	**0.0000911**	**0.0000543**	**0.0000221**	**0.0000348**
PCB-122	E1668C	**0.0000736**	**0.000103**	**0.0000617**	**0.0000239**	**0.0000716**
PCB-123	E1668C	**0.000156**	**0.000234**	**0.000129**	**0.0000396**	**0.000104**
PCB-126	E1668C	**0.0000344 J**	**0.0000619**	**0.000037**	**0.000012**	**0.0000283**
PCB-127	E1668C	0.00000691 U	0.0000259 U	0.0000202 U	0.0000108 U	0.00000484 U
PCB-128/166	E1668C	**0.00286**	**0.00616**	**0.00429**	**0.00127**	**0.00249**
PCB-129/138/163	E1668C	**0.0306 J**	**0.0671 J**	**0.0453 J**	**0.0124 J**	**0.0255 J**
PCB-130	E1668C	**0.00231**	**0.00469 J**	**0.00312**	**0.000928**	**0.00181**
PCB-131	E1668C	**0.0000944**	**0.000194**	**0.000121**	**0.0000452**	**0.000109**
PCB-132	E1668C	**0.00411 J**	**0.00743 J**	**0.00534 J**	**0.00196**	**0.00428 J**
PCB-133	E1668C	**0.00113**	**0.00224**	**0.00156**	**0.000499**	**0.000858**
PCB-134	E1668C	**0.00105**	**0.00175**	**0.0012**	**0.000463**	**0.000962**
PCB-135/151	E1668C	**0.0112 J**	**0.0206 J**	**0.0143 J**	**0.00566**	**0.012 J**
PCB-136	E1668C	**0.00181**	**0.00259**	**0.00206**	**0.00074**	**0.00193**
PCB-137	E1668C	**0.000539**	**0.00131**	**0.000756**	**0.000258**	**0.000545**
PCB-139/140	E1668C	**0.000328**	**0.000728**	**0.000472**	**0.000148**	**0.0003**
PCB-141	E1668C	**0.00443 J**	**0.0101 J**	**0.00621 J**	**0.00214**	**0.00376**
PCB-142	E1668C	0.0000106 U	0.00000119 U	0.00000135 U	0.000000883 U	0.00000119 U
PCB-143	E1668C	0.0000102 U	0.00000105 U	0.00000118 U	0.00000082 U	0.0000011 U
PCB-144	E1668C	**0.000644**	**0.0014**	**0.000872**	**0.000318**	**0.000599**
PCB-145	E1668C	0.00000622 U	0.000000724 U	**0.00000181**	**0.000000867 J**	**0.00000458**
PCB-146	E1668C	**0.00901 J**	**0.0206 J**	**0.0132 J**	**0.00409 J**	**0.0073 J**
PCB-147/149	E1668C	**0.0162 J**	**0.0343 J**	**0.0218 J**	**0.00779 J**	**0.0158 J**
PCB-148	E1668C	**0.000225**	**0.000476**	**0.000337**	**0.000105**	**0.00019**
PCB-150	E1668C	**0.0000895**	**0.000163**	**0.000113**	**0.00004**	**0.0000875**
PCB-152	E1668C	**0.0000366**	**0.0000744**	**0.0000469**	**0.000019**	**0.0000491**
PCB-153/168	E1668C	**0.017 J**	**0.0497 J**	**0.0298 J**	**0.00813 J**	**0.0177 J**
PCB-154	E1668C	**0.000896**	**0.00218**	**0.00139**	**0.000456**	**0.000835**
PCB-155	E1668C	**0.0000232**	**0.000042**	**0.0000293**	**0.00000901**	**0.0000155**
PCB-156/157	E1668C	**0.00148**	**0.00261**	**0.0017**	**0.000532**	**0.00118**
PCB-158	E1668C	**0.00192**	**0.00438 J**	**0.00282**	**0.00079**	**0.0016**
PCB-159	E1668C	**0.0003**	**0.000706**	**0.000533**	**0.000158**	**0.000283**
PCB-160	E1668C	0.00000825 U	0.000000855 U	0.000000968 U	0.000000627 U	0.000000843 U
PCB-161	E1668C	0.00000696 U	0.000000719 U	0.000000815 U	0.000000535 U	0.000000719 U
PCB-162	E1668C	**0.000172**	**0.000349**	**0.000238**	**0.0000792**	**0.000129**
PCB-164	E1668C	**0.00195**	**0.00358**	**0.00252**	**0.000824**	**0.00161**
PCB-165	E1668C	**0.000191**	**0.000226**	**0.000156**	**0.0000416**	**0.0000834**
PCB-167	E1668C	**0.00101**	**0.00185**	**0.0014**	**0.000392**	**0.000706**
PCB-169	E1668C	**0.0000896**	**0.000518 J**	**0.000272 J**	**0.0000449 J**	**0.000112 J**
PCB-170	E1668C	**0.00744 J**	**0.0162 J**	**0.0108 J**	**0.00331**	**0.00524 J**
PCB-171/173	E1668C	**0.00304**	**0.00571**	**0.00399**	**0.00133**	**0.00183**
PCB-172	E1668C	**0.00214**	**0.00414 J**	**0.00269**	**0.000942**	**0.00126**
PCB-174	E1668C	**0.00881 J**	**0.0133 J**	**0.0101 J**	**0.00408 J**	**0.00577 J**
PCB-175	E1668C	**0.000526**	**0.000973**	**0.000669**	**0.000256**	**0.000304**
PCB-176	E1668C	**0.000767**	**0.00148**	**0.00118**	**0.000304**	**0.000621**
PCB-177	E1668C	**0.008 J**	**0.0112 J**	**0.00979 J**	**0.00337**	**0.00494 J**
PCB-178	E1668C	**0.00416 J**	**0.00747 J**	**0.00612 J**	**0.00144**	**0.00288**
PCB-179	E1668C	**0.00366**	**0.00574 J**	**0.00503 J**	**0.00133**	**0.00322**
PCB-180/193	E1668C	**0.0238 J**	**0.0478 J**	**0.0325 J**	**0.00928 J**	**0.0138 J**
PCB-181	E1668C	0.0000169 U	**0.000123**	0.00000522 U	**0.0000354**	**0.0000513**
PCB-182	E1668C	**0.000116**	**0.000225**	**0.000142**	**0.00006**	**0.0000801**
PCB-183	E1668C	**0.00494 J**	**0.0106 J**	**0.00675 J**	**0.00252**	**0.00333**
PCB-184	E1668C	0.00000498 U	**0.0000138**	**0.00000983**	**0.00000201 J**	**0.00000597**
PCB-185	E1668C	**0.00174**	**0.00259**	**0.00185**	**0.000765**	**0.00108**
PCB-186	E1668C	0.00000454 U	0.000000629 U	0.000000682 U	0.000000409 U	0.000000577 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-08-ADLT-240913 2024-09-13 N TA
PCB-187	E1668C		**0.0257 J**	**0.0405 J**	**0.0342 J**	**0.0112 J**	**0.0162 J**
PCB-188	E1668C		**0.0000667**	**0.00011**	**0.0000894**	**0.0000248**	**0.0000429**
PCB-189	E1668C		**0.00031**	**0.00049**	**0.000436**	**0.000117**	**0.000191**
PCB-190	E1668C		**0.00219**	**0.00407 J**	**0.00304**	**0.000782**	**0.00157**
PCB-191	E1668C		**0.000394**	**0.000686**	**0.000499**	**0.000162**	**0.000217**
PCB-192	E1668C		0.0000142 U	0.00000419 U	0.00000407 U	0.00000185 U	0.00000286 U
PCB-194	E1668C		**0.00247**	**0.00594 J**	**0.00441 J**	**0.00121**	**0.00169**
PCB-195	E1668C		**0.00151**	**0.00328**	**0.00262**	**0.000784**	**0.0012**
PCB-196	E1668C		**0.0021**	**0.00415 J**	**0.00315**	**0.000716**	**0.00122**
PCB-197	E1668C		**0.000195**	**0.000368**	**0.000321**	**0.0000783**	**0.000121**
PCB-198/199	E1668C		**0.00536**	**0.00942 J**	**0.00764**	**0.00178**	**0.00329**
PCB-200	E1668C		**0.000633**	**0.000795**	**0.000819**	**0.000236**	**0.000411**
PCB-201	E1668C		**0.000789**	**0.00132**	**0.00113**	**0.000316**	**0.000476**
PCB-202	E1668C		**0.00122**	**0.00182**	**0.00167**	**0.000433**	**0.000722**
PCB-203	E1668C		**0.00361**	**0.00655 J**	**0.00544 J**	**0.00108**	**0.00217**
PCB-204	E1668C		0.00000349 U	**0.00000412**	**0.00000379**	**0.00000105**	**0.00000165**
PCB-205	E1668C		**0.000218**	**0.000366**	**0.000358**	**0.0000853**	**0.00013**
PCB-206	E1668C		**0.000607**	**0.00124**	**0.00107**	**0.000354**	**0.000419**
PCB-207	E1668C		**0.0000997**	**0.000213**	**0.000176**	**0.0000501**	**0.0000728**
PCB-208	E1668C		**0.000188**	**0.000337**	**0.000315**	**0.00011**	**0.000147**
PCB-209	E1668C		**0.000128**	**0.000236**	**0.000219**	**0.0000926**	**0.000101**
Total PCB Congener (U = 0 max limit)	Calculated		**0.29 J**	**0.59 J**	**0.39 J**	**0.13 J**	**0.24 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**0.29 J**	**0.59 J**	**0.39 J**	**0.13 J**	**0.24 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-03-ADLT-240913 2024-09-13 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.3 J**	**0.92 J**	**1.9 J**	**2.1 J**	**1.3 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.025 UJ	0.025 U	0.375 U	0.375 U	0.251 U
Aroclor 1221	SW8082A		0.025 UJ	0.025 U	0.375 U	0.375 U	0.251 U
Aroclor 1232	SW8082A		0.025 UJ	0.025 U	0.375 U	0.375 U	0.251 U
Aroclor 1242	SW8082A		0.025 UJ	0.025 U	0.375 U	0.375 U	0.251 U
Aroclor 1248	SW8082A		0.025 UJ	0.025 U	0.375 U	0.375 U	0.251 U
Aroclor 1254	SW8082A		0.025 UJ	0.025 U	0.375 U	0.375 U	0.251 U
Aroclor 1260	SW8082A		**0.0678 J**	**0.0572 J**	**2.67**	**1.97**	**1.42**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0678 J**	**0.0572 J**	**2.67**	**1.97**	**1.42**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.0924 J**	**0.0818 J**	**3.04**	**2.34**	**1.67**
PCB Congeners (mg/kg)							
PCB-001	E1668C		**0.00000293 J**	0.00000109 U	--	--	0.00000298 U
PCB-002	E1668C		0.000000726 U	0.000000961 U	--	--	0.00000304 U
PCB-003	E1668C		0.000000812 U	0.00000108 U	--	--	0.00000316 U
PCB-004	E1668C		**0.000123 J**	**0.0000281**	--	--	**0.000255**
PCB-005	E1668C		**0.000000981**	0.000000848 U	--	--	0.00000244 U
PCB-006	E1668C		**0.0000128 J**	**0.00000361**	--	--	**0.0000155**
PCB-007	E1668C		**0.00000179**	0.000000828 U	--	--	**0.00000286**
PCB-008	E1668C		**0.0000398 J**	**0.0000129**	--	--	**0.0000735**
PCB-009	E1668C		**0.0000018**	**0.00000069 J**	--	--	**0.00000321**
PCB-010	E1668C		**0.0000134 J**	**0.00000333**	--	--	**0.000029**
PCB-011	E1668C		0.00000442 U	0.00000338 U	--	--	0.00000627 U
PCB-012/013	E1668C		**0.00000167 J**	0.000000842 U	--	--	**0.00000325**
PCB-014	E1668C		0.000000679 U	0.000000833 U	--	--	0.00000231 U
PCB-015	E1668C		**0.00000924**	**0.00000295**	--	--	**0.0000455**
PCB-016	E1668C		**0.0000488 J**	**0.0000156**	--	--	**0.0000515**
PCB-017	E1668C		**0.000145 J**	**0.0000432**	--	--	**0.00021**
PCB-018/030	E1668C		**0.000105 J**	**0.0000416**	--	--	**0.000215**
PCB-019	E1668C		**0.0000272 J**	**0.0000052**	--	--	**0.000145**
PCB-020/028	E1668C		**0.000428 J**	**0.000298**	--	--	**0.0011**
PCB-021/033	E1668C		**0.0000277 J**	**0.00000946**	--	--	**0.000054 J**
PCB-022	E1668C		**0.0000672 J**	**0.0000333**	--	--	**0.000136**
PCB-023	E1668C		0.00000154 U	0.00000166 U	--	--	0.00000687 U
PCB-024	E1668C		**0.00000353**	**0.00000159 J**	--	--	**0.00000591**
PCB-025	E1668C		**0.0000277 J**	**0.0000119**	--	--	**0.000162**
PCB-026/029	E1668C		**0.0000806 J**	**0.0000423**	--	--	**0.000275**
PCB-027	E1668C		**0.0000456 J**	**0.000018**	--	--	**0.0000947**
PCB-031	E1668C		**0.000137 J**	**0.0000713**	--	--	**0.000612**
PCB-032	E1668C		**0.0000611 J**	**0.0000185**	--	--	**0.000144**
PCB-034	E1668C		**0.00000617**	**0.00000576**	--	--	**0.00000968**
PCB-035	E1668C		0.00000155 U	0.00000166 U	--	--	0.00000667 U
PCB-036	E1668C		0.00000131 U	0.00000141 U	--	--	0.0000060 U
PCB-037	E1668C		**0.00000768**	**0.0000041 J**	--	--	**0.0000285**
PCB-038	E1668C		0.00000147 U	0.00000159 U	--	--	0.00000618 U
PCB-039	E1668C		0.00000146 U	0.00000157 U	--	--	0.00000628 U
PCB-040/071	E1668C		**0.000176 J**	**0.0000933**	--	--	**0.000408**
PCB-041	E1668C		**0.0000103 J**	**0.00000718 J**	--	--	0.00000655 U
PCB-042	E1668C		**0.000145 J**	**0.0000741**	--	--	**0.000686**
PCB-043	E1668C		**0.0000126 J**	**0.0000109**	--	--	**0.0000361**
PCB-044/047/065	E1668C		**0.0024 J**	**0.00227**	--	--	**0.017 J**
PCB-045	E1668C		**0.0000337 J**	**0.0000155**	--	--	0.00000589 U
PCB-046	E1668C		**0.0000241 J**	**0.0000125**	--	--	**0.0000464**
PCB-048	E1668C		**0.0000248 J**	**0.0000142**	--	--	**0.0000981**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-03-ADLT-240913 2024-09-13 N TA
PCB-049/069	E1668C		**0.000898 J**	**0.000517**	--	--	**0.0086 J**
PCB-050/053	E1668C		**0.0000434**	**0.0000152**	--	--	**0.000876**
PCB-051	E1668C		**0.0000316**	**0.00000889**	--	--	**0.000877**
PCB-052	E1668C		**0.000558 J**	**0.000259**	--	--	**0.00556 J**
PCB-054	E1668C		**0.0000233 J**	**0.00000575 J**	--	--	**0.0000542 J**
PCB-055	E1668C		0.00000257 U	0.00000398 U	--	--	0.0000191 U
PCB-056	E1668C		**0.0000952 J**	**0.0000412**	--	--	**0.000296**
PCB-057	E1668C		**0.00000655**	**0.0000051 J**	--	--	**0.0000454**
PCB-058	E1668C		**0.0000141 J**	**0.0000132**	--	--	**0.0000778**
PCB-059/062/075	E1668C		**0.0000914 J**	**0.0000849**	--	--	**0.000549**
PCB-060	E1668C		**0.0000504 J**	**0.0000407**	--	--	**0.000261**
PCB-061/070/074/076	E1668C		**0.000416 J**	**0.00033**	--	--	**0.00365**
PCB-063	E1668C		**0.000048 J**	**0.0000509**	--	--	**0.000292**
PCB-064	E1668C		**0.000185 J**	**0.000131**	--	--	**0.000941**
PCB-066	E1668C		**0.000599 J**	**0.00068**	--	--	**0.00369**
PCB-067	E1668C		**0.0000111**	0.00000357 U	--	--	**0.00018**
PCB-068	E1668C		**0.0000862 J**	**0.0000957**	--	--	**0.000731**
PCB-072	E1668C		**0.0000584 J**	**0.0000699**	--	--	**0.000449**
PCB-073	E1668C		**0.0000291 J**	**0.0000299**	--	--	**0.000117**
PCB-077	E1668C		**0.0000122 J**	**0.0000065**	--	--	**0.0000787**
PCB-078	E1668C		0.00000275 U	0.00000425 U	--	--	**0.0000231**
PCB-079	E1668C		**0.0000256 J**	**0.0000201**	--	--	**0.000109**
PCB-080	E1668C		0.00000259 U	0.00000401 U	--	--	0.0000195 U
PCB-081	E1668C		0.00000291 U	0.0000045 U	--	--	0.0000207 U
PCB-082	E1668C		**0.000132 J**	**0.0000599**	--	--	**0.000391**
PCB-083	E1668C		**0.00013 J**	**0.000153**	--	--	**0.00269**
PCB-084	E1668C		**0.000316 J**	**0.00016**	--	--	**0.00124**
PCB-085/116	E1668C		**0.000372 J**	**0.000223**	--	--	**0.00281**
PCB-086/087/097/109/119/125	E1668C		**0.00144 J**	**0.000878**	--	--	**0.0101**
PCB-088	E1668C		0.00000751 U	0.00000526 U	--	--	0.00000505 U
PCB-089	E1668C		0.00000694 U	0.00000487 U	--	--	0.00000451 U
PCB-090/101/113	E1668C		**0.00242 J**	**0.00128**	--	--	**0.0454 J**
PCB-091	E1668C		**0.000246 J**	**0.000131**	--	--	**0.00654 J**
PCB-092	E1668C		**0.00138 J**	**0.0012**	--	--	**0.013 J**
PCB-093/100	E1668C		**0.000289 J**	**0.000217**	--	--	**0.00588**
PCB-094	E1668C		**0.0000454 J**	**0.0000278**	--	--	**0.000209**
PCB-095	E1668C		**0.00135 J**	**0.000918**	--	--	**0.0116 J**
PCB-096	E1668C		**0.0000179 J**	**0.00000516**	--	--	**0.0000776**
PCB-098	E1668C		**0.00000928**	**0.00000578**	--	--	**0.0000681**
PCB-099	E1668C		**0.00131 J**	**0.000861**	--	--	**0.0165 J**
PCB-102	E1668C		**0.0000092 J**	0.00000416 U	--	--	**0.000242**
PCB-103	E1668C		**0.000136 J**	**0.0000888**	--	--	**0.00238**
PCB-104	E1668C		**0.00000872 J**	**0.00000166**	--	--	**0.0000816**
PCB-105	E1668C		**0.000953 J**	**0.000487**	--	--	**0.00442 J**
PCB-106	E1668C		0.00000488 U	0.00000342 U	--	--	0.00000331 U
PCB-107	E1668C		**0.000376 J**	**0.000272**	--	--	**0.00243**
PCB-108/124	E1668C		**0.0000582 J**	**0.0000259**	--	--	**0.000908**
PCB-110	E1668C		**0.0023 J**	**0.00129**	--	--	**0.0211 J**
PCB-111	E1668C		**0.0000387 J**	**0.0000265**	--	--	**0.000413**
PCB-112	E1668C		**0.000005**	**0.00000265 J**	--	--	0.00000293 U
PCB-114	E1668C		**0.0000715 J**	**0.0000396**	--	--	**0.000459**
PCB-115	E1668C		0.0000045 U	0.00000316 U	--	--	0.00000263 U
PCB-117	E1668C		**0.000185 J**	**0.000132**	--	--	**0.00193**
PCB-118	E1668C		**0.00266 J**	**0.00166**	--	--	**0.0185 J**
PCB-120	E1668C		**0.000111 J**	**0.0000778**	--	--	**0.00111**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-03-ADLT-240913 2024-09-13 N TA
PCB-121	E1668C		**0.000018 J**	**0.0000124**	--	--	**0.000211**
PCB-122	E1668C		**0.0000275 J**	**0.0000147**	--	--	**0.000132**
PCB-123	E1668C		**0.000058 J**	**0.0000322**	--	--	**0.000519**
PCB-126	E1668C		**0.0000123 J**	**0.00001**	--	--	**0.000115**
PCB-127	E1668C		0.0000052 U	0.00000399 U	--	--	0.00000298 U
PCB-128/166	E1668C		**0.0019 J**	**0.00079**	--	--	**0.0112 J**
PCB-129/138/163	E1668C		**0.0162 J**	**0.00841**	--	--	**0.134 J**
PCB-130	E1668C		**0.00121 J**	**0.000654**	--	--	**0.00539 J**
PCB-131	E1668C		0.00000136 UJ	**0.000028**	--	--	**0.00026**
PCB-132	E1668C		**0.00165 J**	**0.00106**	--	--	**0.0123 J**
PCB-133	E1668C		**0.000576 J**	**0.000327**	--	--	**0.00499 J**
PCB-134	E1668C		**0.000405 J**	**0.000319**	--	--	**0.00329**
PCB-135/151	E1668C		**0.00435 J**	**0.00377**	--	--	**0.0539 J**
PCB-136	E1668C		**0.000734 J**	**0.000471**	--	--	**0.00702 J**
PCB-137	E1668C		**0.000399 J**	**0.000167**	--	--	**0.00205**
PCB-139/140	E1668C		**0.000158 J**	**0.0000976**	--	--	**0.00156**
PCB-141	E1668C		**0.00256 J**	**0.00125**	--	--	**0.0263 J**
PCB-142	E1668C		0.00000139 U	0.00000184 U	--	--	0.00000622 U
PCB-143	E1668C		0.00000122 U	0.00000161 U	--	--	0.0000060 U
PCB-144	E1668C		**0.000318 J**	**0.00019**	--	--	**0.00479 J**
PCB-145	E1668C		0.000000921 U	0.00000102 U	--	--	0.00000413 U
PCB-146	E1668C		**0.00551 J**	**0.00251**	--	--	**0.0301 J**
PCB-147/149	E1668C		**0.00776 J**	**0.00437**	--	--	**0.0789 J**
PCB-148	E1668C		**0.000118 J**	**0.000075**	--	--	**0.000996**
PCB-150	E1668C		**0.0000257 J**	**0.0000177**	--	--	**0.000528**
PCB-152	E1668C		**0.0000149 J**	**0.0000108**	--	--	**0.000151**
PCB-153/168	E1668C		**0.00586 J**	**0.00357**	--	--	**0.183 J**
PCB-154	E1668C		**0.000316 J**	**0.000229**	--	--	**0.00566 J**
PCB-155	E1668C		**0.00000796**	**0.0000049**	--	--	**0.000144**
PCB-156/157	E1668C		**0.000845 J**	**0.000379**	--	--	**0.00664**
PCB-158	E1668C		**0.00109 J**	**0.000547**	--	--	**0.00815 J**
PCB-159	E1668C		**0.000236 J**	**0.000104**	--	--	**0.00125**
PCB-160	E1668C		0.000000997 U	0.00000132 U	--	--	0.00000485 U
PCB-161	E1668C		0.000000839 U	0.00000111 U	--	--	0.00000409 U
PCB-162	E1668C		**0.000109 J**	**0.0000455**	--	--	**0.000875**
PCB-164	E1668C		**0.00101 J**	**0.000542**	--	--	**0.00668 J**
PCB-165	E1668C		**0.0000629 J**	**0.000032**	--	--	**0.000678**
PCB-167	E1668C		**0.000621 J**	**0.000271**	--	--	**0.00653 J**
PCB-169	E1668C		**0.0000973 J**	**0.0000478 J**	--	--	**0.000457**
PCB-170	E1668C		**0.00585 J**	**0.00176**	--	--	**0.0435 J**
PCB-171/173	E1668C		**0.00168 J**	**0.000755**	--	--	**0.0143 J**
PCB-172	E1668C		**0.00158 J**	**0.000439**	--	--	**0.0113 J**
PCB-174	E1668C		**0.0043 J**	**0.00184**	--	--	**0.0293 J**
PCB-175	E1668C		**0.000331 J**	**0.000138**	--	--	**0.00258**
PCB-176	E1668C		**0.000342 J**	**0.000206**	--	--	**0.0043 J**
PCB-177	E1668C		**0.0039 J**	**0.00188**	--	--	**0.0296 J**
PCB-178	E1668C		**0.00233 J**	**0.00118**	--	--	**0.0256 J**
PCB-179	E1668C		**0.00142 J**	**0.00127**	--	--	**0.0179 J**
PCB-180/193	E1668C		**0.019 J**	**0.00541**	--	--	**0.155 J**
PCB-181	E1668C		**0.0000464 J**	**0.0000165**	--	--	0.0000266 U
PCB-182	E1668C		**0.0000811 J**	**0.0000269**	--	--	**0.000724**
PCB-183	E1668C		**0.00294 J**	**0.00105**	--	--	**0.0442 J**
PCB-184	E1668C		0.000000775 U	0.000000872 U	--	--	**0.0000771**
PCB-185	E1668C		**0.0009 J**	**0.000374**	--	--	**0.00805 J**
PCB-186	E1668C		0.000000705 U	0.000000793 U	--	--	0.00000381 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01BB-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-03-ADLT-240913 2024-09-13 N TA
PCB-187	E1668C		**0.0151 J**	**0.00563 J**	--	--	**0.123 J**
PCB-188	E1668C		**0.0000358 J**	**0.0000176**	--	--	**0.000422**
PCB-189	E1668C		**0.000234 J**	**0.0000634**	--	--	**0.0022**
PCB-190	E1668C		**0.00162 J**	**0.000517**	--	--	**0.0126 J**
PCB-191	E1668C		**0.000295 J**	**0.0000933**	--	--	**0.00313**
PCB-192	E1668C		0.00000248 U	0.00000204 U	--	--	0.0000223 U
PCB-194	E1668C		**0.00302 J**	**0.000548**	--	--	**0.0263 J**
PCB-195	E1668C		**0.00149 J**	**0.000389**	--	--	**0.0106 J**
PCB-196	E1668C		**0.00223 J**	**0.000455**	--	--	**0.0186 J**
PCB-197	E1668C		**0.000148 J**	**0.0000476**	--	--	**0.00187**
PCB-198/199	E1668C		**0.00499 J**	**0.00105**	--	--	**0.0326 J**
PCB-200	E1668C		**0.00037 J**	**0.000128**	--	--	**0.00148**
PCB-201	E1668C		**0.000657 J**	**0.000218**	--	--	**0.00468 J**
PCB-202	E1668C		**0.000741 J**	**0.000304**	--	--	**0.00758 J**
PCB-203	E1668C		**0.00371 J**	**0.000788**	--	--	**0.0244 J**
PCB-204	E1668C		**0.0000026**	0.000000426 U	--	--	**0.00000884**
PCB-205	E1668C		**0.000221 J**	**0.0000522**	--	--	**0.00216**
PCB-206	E1668C		**0.000897 J**	**0.000163**	--	--	**0.00519 J**
PCB-207	E1668C		**0.000157 J**	**0.0000293**	--	--	**0.000846**
PCB-208	E1668C		**0.000261 J**	**0.0000539**	--	--	**0.000891**
PCB-209	E1668C		**0.000225 J**	**0.0000453**	--	--	**0.000562**
Total PCB Congener (U = 0 max limit)	Calculated		**0.16 J**	**0.073 J**	--	--	**1.5 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**0.16 J**	**0.073 J**	--	--	**1.5 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-08-ADLT-240913 2024-09-13 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.85 J**	**2.2 J**	**1.8 J**	**1.3 J**	**1.0 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.249 U	0.25 U	0.50 U	0.50 U	0.251 U
Aroclor 1221	SW8082A		0.249 U	0.25 U	0.50 U	0.50 U	0.251 U
Aroclor 1232	SW8082A		0.249 U	0.25 U	0.50 U	0.50 U	0.251 U
Aroclor 1242	SW8082A		0.249 U	0.25 U	0.50 U	0.50 U	0.251 U
Aroclor 1248	SW8082A		0.249 U	0.25 U	0.50 U	0.50 U	0.251 U
Aroclor 1254	SW8082A		0.249 U	0.25 U	0.50 U	0.50 U	0.251 U
Aroclor 1260	SW8082A		**1.41**	**1.3**	**5.79**	**4.19**	**1.01**
Total PCB Aroclors (U = 0 max limit)	Calculated		**1.41**	**1.3**	**5.79**	**4.19**	**1.01**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**1.66**	**1.5**	**6.28**	**4.68**	**1.26**
PCB Congeners (mg/kg)							
PCB-001	E1668C		**0.0000056 J**	**0.0000123 J**	--	--	0.00000748 UJ
PCB-002	E1668C		0.00000456 U	0.00000353 U	--	--	0.00000697 U
PCB-003	E1668C		0.00000476 U	0.00000368 U	--	--	0.00000727 U
PCB-004	E1668C		**0.000186**	**0.000347**	--	--	**0.00018**
PCB-005	E1668C		0.00000494 U	0.0000025 U	--	--	0.00000531 U
PCB-006	E1668C		**0.0000125**	**0.0000256 J**	--	--	**0.0000132**
PCB-007	E1668C		0.00000476 U	**0.00000693**	--	--	0.00000511 U
PCB-008	E1668C		**0.0000575**	**0.000115**	--	--	**0.0000554 J**
PCB-009	E1668C		0.0000043 U	**0.00000496**	--	--	0.00000462 U
PCB-010	E1668C		**0.0000219**	**0.000037**	--	--	**0.0000224**
PCB-011	E1668C		0.00000363 U	0.0000078 U	--	--	0.00000457 U
PCB-012/013	E1668C		0.00000471 U	**0.0000046**	--	--	0.00000506 U
PCB-014	E1668C		0.00000468 U	0.00000236 U	--	--	0.00000502 U
PCB-015	E1668C		**0.0000357**	**0.0000817**	--	--	**0.0000365**
PCB-016	E1668C		**0.00006**	**0.000112**	--	--	**0.000065**
PCB-017	E1668C		**0.000232**	**0.000483**	--	--	**0.000218**
PCB-018/030	E1668C		**0.000211**	**0.00049**	--	--	**0.00022**
PCB-019	E1668C		**0.000137**	**0.000296**	--	--	**0.000125**
PCB-020/028	E1668C		**0.000978**	**0.00293**	--	--	**0.00082**
PCB-021/033	E1668C		**0.0000778**	**0.000242**	--	--	**0.0000761**
PCB-022	E1668C		**0.000141**	**0.000417**	--	--	**0.000126**
PCB-023	E1668C		0.0000082 U	0.00000982 U	--	--	0.0000105 U
PCB-024	E1668C		0.00000597 U	**0.0000115**	--	--	0.00000702 U
PCB-025	E1668C		**0.000154**	**0.000498**	--	--	**0.000126**
PCB-026/029	E1668C		**0.000232**	**0.000741**	--	--	**0.000185**
PCB-027	E1668C		**0.000103**	**0.00025**	--	--	**0.0000933**
PCB-031	E1668C		**0.000531**	**0.00158**	--	--	**0.000453**
PCB-032	E1668C		**0.000137**	**0.000369**	--	--	**0.000147**
PCB-034	E1668C		**0.0000113**	**0.0000368**	--	--	0.0000106 U
PCB-035	E1668C		0.00000797 U	0.00000954 U	--	--	0.0000102 U
PCB-036	E1668C		0.00000717 U	0.00000858 U	--	--	0.00000916 U
PCB-037	E1668C		**0.0000257 J**	**0.0000742**	--	--	**0.0000307**
PCB-038	E1668C		0.00000738 U	**0.0000122**	--	--	0.00000943 U
PCB-039	E1668C		0.00000751 U	**0.00000998 J**	--	--	0.00000958 U
PCB-040/071	E1668C		**0.000432**	**0.00124**	--	--	**0.000524**
PCB-041	E1668C		**0.0000112 J**	0.00000615 U	--	--	0.0000119 U
PCB-042	E1668C		**0.000856**	**0.00171**	--	--	**0.000687**
PCB-043	E1668C		**0.0000341**	**0.0000854**	--	--	**0.0000344**
PCB-044/047/065	E1668C		**0.0173 J**	**0.033 J**	--	--	**0.0144 J**
PCB-045	E1668C		0.00000805 U	0.00000553 U	--	--	0.0000107 U
PCB-046	E1668C		**0.0000454**	**0.000127**	--	--	**0.0000495**
PCB-048	E1668C		**0.000109**	**0.000271**	--	--	**0.000115**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-08-ADLT-240913 2024-09-13 N TA
PCB-049/069	E1668C		**0.00828 J**	**0.0167 J**	--	--	**0.00671**
PCB-050/053	E1668C		**0.00095**	**0.00287**	--	--	**0.00079**
PCB-051	E1668C		**0.000795**	**0.00211**	--	--	**0.000661**
PCB-052	E1668C		**0.00496 J**	**0.0109 J**	--	--	**0.0042 J**
PCB-054	E1668C		**0.0000553**	**0.000101**	--	--	**0.0000371 J**
PCB-055	E1668C		**0.0000297**	**0.0000472**	--	--	0.0000238 U
PCB-056	E1668C		**0.000455**	**0.000966**	--	--	**0.000356**
PCB-057	E1668C		**0.0000454**	**0.0000924**	--	--	**0.000038**
PCB-058	E1668C		**0.0000541**	**0.000136**	--	--	**0.0000969 J**
PCB-059/062/075	E1668C		**0.000555**	**0.00103**	--	--	**0.000469**
PCB-060	E1668C		**0.000314**	**0.000481**	--	--	**0.000291**
PCB-061/070/074/076	E1668C		**0.00429**	**0.00669**	--	--	**0.00359**
PCB-063	E1668C		**0.000366**	**0.000553**	--	--	**0.000297**
PCB-064	E1668C		**0.000916**	**0.00185**	--	--	**0.000798**
PCB-066	E1668C		**0.00422 J**	**0.00666 J**	--	--	**0.00358**
PCB-067	E1668C		**0.000218**	**0.000285**	--	--	**0.000151 J**
PCB-068	E1668C		**0.000715**	**0.00107**	--	--	**0.000581**
PCB-072	E1668C		**0.000457**	**0.000721**	--	--	**0.000384 J**
PCB-073	E1668C		**0.000117**	**0.000319**	--	--	**0.000112**
PCB-077	E1668C		**0.0001**	**0.000266**	--	--	**0.0000673**
PCB-078	E1668C		**0.0000145 J**	0.0000183 U	--	--	0.0000263 UJ
PCB-079	E1668C		**0.000181**	**0.000221 J**	--	--	**0.000144**
PCB-080	E1668C		0.0000187 U	0.0000169 U	--	--	0.0000243 U
PCB-081	E1668C		0.0000199 U	0.0000179 U	--	--	0.0000258 U
PCB-082	E1668C		**0.000826**	**0.00122**	--	--	**0.000611**
PCB-083	E1668C		**0.00214**	**0.000818**	--	--	**0.00115**
PCB-084	E1668C		**0.00141**	**0.00285**	--	--	**0.00111**
PCB-085/116	E1668C		**0.0047**	**0.00611**	--	--	**0.00337**
PCB-086/087/097/109/119/125	E1668C		**0.0145**	**0.02**	--	--	**0.0108**
PCB-088	E1668C		0.00000862 U	0.0000111 U	--	--	0.0000234 U
PCB-089	E1668C		0.0000077 U	0.00000991 U	--	--	0.0000209 U
PCB-090/101/113	E1668C		**0.0545 J**	**0.0757 J**	--	--	**0.0419 J**
PCB-091	E1668C		**0.00694 J**	**0.012 J**	--	--	**0.00554 J**
PCB-092	E1668C		**0.0149 J**	**0.0219 J**	--	--	**0.0118 J**
PCB-093/100	E1668C		**0.00688**	**0.00984 J**	--	--	**0.00518**
PCB-094	E1668C		**0.000293**	**0.000796**	--	--	**0.00022**
PCB-095	E1668C		**0.0124 J**	**0.0251 J**	--	--	**0.01 J**
PCB-096	E1668C		**0.0000762**	**0.000202**	--	--	**0.0000551**
PCB-098	E1668C		**0.0000934**	**0.000221**	--	--	0.0000191 UJ
PCB-099	E1668C		**0.0273 J**	**0.0353 J**	--	--	**0.0199 J**
PCB-102	E1668C		**0.000319**	**0.000724**	--	--	**0.000223**
PCB-103	E1668C		**0.00267**	**0.00442 J**	--	--	**0.00203**
PCB-104	E1668C		**0.0000717**	**0.000154**	--	--	**0.0000558**
PCB-105	E1668C		**0.00643 J**	**0.00698 J**	--	--	**0.00491 J**
PCB-106	E1668C		0.00000566 U	0.00000729 U	--	--	0.0000154 U
PCB-107	E1668C		**0.00393**	**0.00453 J**	--	--	**0.00288**
PCB-108/124	E1668C		**0.00102**	**0.00134**	--	--	**0.000785**
PCB-110	E1668C		**0.025 J**	**0.0412 J**	--	--	**0.0204 J**
PCB-111	E1668C		**0.000437**	**0.000496**	--	--	**0.000302**
PCB-112	E1668C		0.00000501 U	0.00000645 U	--	--	0.0000136 UJ
PCB-114	E1668C		**0.000617**	**0.0006**	--	--	**0.000441**
PCB-115	E1668C		0.00000449 U	0.00000578 U	--	--	0.0000122 U
PCB-117	E1668C		**0.00194**	**0.00264**	--	--	**0.00155**
PCB-118	E1668C		**0.025 J**	**0.0261 J**	--	--	**0.0186 J**
PCB-120	E1668C		**0.00125**	**0.00134**	--	--	**0.000883**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-08-ADLT-240913 2024-09-13 N TA
PCB-121	E1668C		**0.000206**	**0.00028**	--	--	**0.000157**
PCB-122	E1668C		**0.000206**	**0.000311**	--	--	**0.000137 J**
PCB-123	E1668C		**0.000587**	**0.000724**	--	--	**0.000398**
PCB-126	E1668C		**0.000124**	**0.000155**	--	--	**0.0000899**
PCB-127	E1668C		**0.000185**	**0.000158**	--	--	0.0000155 UJ
PCB-128/166	E1668C		**0.0188 J**	**0.0156 J**	--	--	**0.0116 J**
PCB-129/138/163	E1668C		**0.208 J**	**0.165 J**	--	--	**0.12 J**
PCB-130	E1668C		**0.0101 J**	**0.00894 J**	--	--	**0.00639 J**
PCB-131	E1668C		**0.000475**	**0.000435**	--	--	**0.000288**
PCB-132	E1668C		**0.0174 J**	**0.0198 J**	--	--	**0.0117 J**
PCB-133	E1668C		**0.00639 J**	**0.00506 J**	--	--	**0.00381**
PCB-134	E1668C		**0.00368**	**0.00373**	--	--	**0.00252**
PCB-135/151	E1668C		**0.0598 J**	**0.0592 J**	--	--	**0.0367 J**
PCB-136	E1668C		**0.00799 J**	**0.012 J**	--	--	**0.00648 J**
PCB-137	E1668C		**0.00404 J**	**0.00297**	--	--	**0.00222**
PCB-139/140	E1668C		**0.00251**	**0.00195**	--	--	**0.00139**
PCB-141	E1668C		**0.0307 J**	**0.0258 J**	--	--	**0.019 J**
PCB-142	E1668C		0.00000822 U	0.00000666 U	--	--	0.00000693 U
PCB-143	E1668C		0.00000793 U	0.00000643 U	--	--	0.00000669 U
PCB-144	E1668C		**0.00597 J**	**0.00552 J**	--	--	**0.00378**
PCB-145	E1668C		0.00000595 U	0.00000523 U	--	--	0.0000052 U
PCB-146	E1668C		**0.0545 J**	**0.0402 J**	--	--	**0.0308 J**
PCB-147/149	E1668C		**0.105 J**	**0.109 J**	--	--	**0.0703 J**
PCB-148	E1668C		**0.00137**	**0.00118**	--	--	**0.000789**
PCB-150	E1668C		**0.000666**	**0.000827**	--	--	**0.000499**
PCB-152	E1668C		**0.000178**	**0.000286**	--	--	**0.000134**
PCB-153/168	E1668C		**0.291 J**	**0.214 J**	--	--	**0.165 J**
PCB-154	E1668C		**0.00869 J**	**0.00676 J**	--	--	0.00000576 UJ
PCB-155	E1668C		**0.000176**	**0.000168**	--	--	**0.000111**
PCB-156/157	E1668C		**0.00871 J**	**0.00716**	--	--	**0.00531**
PCB-158	E1668C		**0.014 J**	**0.0106 J**	--	--	**0.00807 J**
PCB-159	E1668C		**0.00136**	**0.00146**	--	--	**0.00107**
PCB-160	E1668C		0.00000641 U	0.0000052 U	--	--	0.00000541 U
PCB-161	E1668C		0.00000541 U	0.00000438 U	--	--	0.00000456 U
PCB-162	E1668C		**0.00119**	**0.000994**	--	--	**0.000735**
PCB-164	E1668C		**0.00691 J**	**0.00747 J**	--	--	**0.00492 J**
PCB-165	E1668C		**0.00106**	**0.00058**	--	--	**0.000672 J**
PCB-167	E1668C		**0.0068 J**	**0.00568 J**	--	--	**0.00428 J**
PCB-169	E1668C		**0.000509**	**0.000371**	--	--	**0.000312**
PCB-170	E1668C		**0.0633 J**	**0.0467 J**	--	--	**0.0396 J**
PCB-171/173	E1668C		**0.0201 J**	**0.014 J**	--	--	**0.0128 J**
PCB-172	E1668C		**0.0149 J**	**0.00995 J**	--	--	**0.00961 J**
PCB-174	E1668C		**0.0292 J**	**0.0312 J**	--	--	**0.0253 J**
PCB-175	E1668C		**0.00313**	**0.00233**	--	--	**0.00214**
PCB-176	E1668C		**0.00497 J**	**0.00552 J**	--	--	**0.00424 J**
PCB-177	E1668C		**0.0262 J**	**0.0245 J**	--	--	**0.0222 J**
PCB-178	E1668C		**0.0263 J**	**0.0226 J**	--	--	**0.0186 J**
PCB-179	E1668C		**0.0183 J**	**0.0201 J**	--	--	**0.0153 J**
PCB-180/193	E1668C		**0.188 J**	**0.125 J**	--	--	**0.119 J**
PCB-181	E1668C		**0.000409**	**0.000282**	--	--	**0.000271 J**
PCB-182	E1668C		**0.000819**	**0.000598**	--	--	**0.000518**
PCB-183	E1668C		**0.0537 J**	**0.0377 J**	--	--	**0.035 J**
PCB-184	E1668C		**0.0000934**	**0.0000691**	--	--	**0.0000548 J**
PCB-185	E1668C		**0.00741 J**	**0.00607 J**	--	--	**0.00547 J**
PCB-186	E1668C		0.00000387 U	0.00000387 U	--	--	0.00000473 U

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-05-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-08-ADLT-240913 2024-09-13 N TA
PCB-187	E1668C		**0.127 J**	**0.0915 J**	--	--	**0.0851 J**
PCB-188	E1668C		**0.000434**	**0.00036**	--	--	**0.000301**
PCB-189	E1668C		**0.0022**	**0.00148**	--	--	**0.00128**
PCB-190	E1668C		**0.0158 J**	**0.0115 J**	--	--	**0.00997 J**
PCB-191	E1668C		**0.00282**	**0.00195**	--	--	**0.0018**
PCB-192	E1668C		0.0000239 U	0.0000213 U	--	--	0.0000248 U
PCB-194	E1668C		**0.0285 J**	**0.0154 J**	--	--	**0.0157 J**
PCB-195	E1668C		**0.0133 J**	**0.0074 J**	--	--	**0.00722 J**
PCB-196	E1668C		**0.025 J**	**0.011 J**	--	--	**0.0116 J**
PCB-197	E1668C		**0.00242**	**0.00112**	--	--	**0.0012**
PCB-198/199	E1668C		**0.0446 J**	**0.021 J**	--	--	**0.0226 J**
PCB-200	E1668C		**0.00208**	**0.00154**	--	--	**0.00142**
PCB-201	E1668C		**0.00599 J**	**0.00299**	--	--	**0.00314**
PCB-202	E1668C		**0.00902 J**	**0.00479 J**	--	--	**0.00482 J**
PCB-203	E1668C		**0.0333 J**	**0.0148 J**	--	--	**0.0157 J**
PCB-204	E1668C		**0.0000201 J**	**0.00000685 J**	--	--	**0.0000101 J**
PCB-205	E1668C		**0.00182**	**0.00102**	--	--	**0.00103**
PCB-206	E1668C		**0.00557 J**	**0.0024**	--	--	**0.00321**
PCB-207	E1668C		**0.00108**	**0.000494**	--	--	**0.000677**
PCB-208	E1668C		**0.00109**	**0.000587**	--	--	**0.000823**
PCB-209	E1668C		**0.000792**	**0.000264**	--	--	**0.000427**
Total PCB Congener (U = 0 max limit)	Calculated		**1.9 J**	**1.7 J**	--	--	**1.2 J**
Total PCB Congener (U = 1/2 max limit)	Calculated		**1.9 J**	**1.7 J**	--	--	**1.2 J**

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-11-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-12-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-13-ADLT-240913 2024-09-13 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.73 J**	**0.56 J**	**1.7 J**	**1.4 J**	**0.77 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.375 U	0.249 U	0.501 U	0.501 U	0.125 U
Aroclor 1221	SW8082A		0.375 U	0.249 U	0.501 U	0.501 U	0.125 U
Aroclor 1232	SW8082A		0.375 U	0.249 U	0.501 U	0.501 U	0.125 U
Aroclor 1242	SW8082A		0.375 U	0.249 U	0.501 U	0.501 U	0.125 U
Aroclor 1248	SW8082A		0.375 U	0.249 U	0.501 U	0.501 U	0.125 U
Aroclor 1254	SW8082A		0.375 U	0.249 U	0.501 U	0.501 U	0.125 U
Aroclor 1260	SW8082A		**2.76**	**1.14**	**3.41**	**4.03**	**1.12**
Total PCB Aroclors (U = 0 max limit)	Calculated		**2.76**	**1.14**	**3.41**	**4.03**	**1.12**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**3.13**	**1.39**	**3.90**	**4.53**	**1.24**
PCB Congeners (mg/kg)							
PCB-001	E1668C		0.00000278 U	--	--	--	--
PCB-002	E1668C		0.00000298 U	--	--	--	--
PCB-003	E1668C		0.00000311 U	--	--	--	--
PCB-004	E1668C		**0.000144**	--	--	--	--
PCB-005	E1668C		0.00000223 U	--	--	--	--
PCB-006	E1668C		**0.0000117 J**	--	--	--	--
PCB-007	E1668C		**0.00000313**	--	--	--	--
PCB-008	E1668C		**0.0000478**	--	--	--	--
PCB-009	E1668C		**0.00000173**	--	--	--	--
PCB-010	E1668C		**0.0000159**	--	--	--	--
PCB-011	E1668C		0.00000513 U	--	--	--	--
PCB-012/013	E1668C		0.00000212 U	--	--	--	--
PCB-014	E1668C		0.00000211 U	--	--	--	--
PCB-015	E1668C		**0.0000268**	--	--	--	--
PCB-016	E1668C		**0.0000537**	--	--	--	--
PCB-017	E1668C		**0.00023**	--	--	--	--
PCB-018/030	E1668C		**0.000233**	--	--	--	--
PCB-019	E1668C		**0.000127**	--	--	--	--
PCB-020/028	E1668C		**0.00186**	--	--	--	--
PCB-021/033	E1668C		**0.0000852**	--	--	--	--
PCB-022	E1668C		**0.000216**	--	--	--	--
PCB-023	E1668C		0.00000689 U	--	--	--	--
PCB-024	E1668C		**0.00000571 J**	--	--	--	--
PCB-025	E1668C		**0.000312**	--	--	--	--
PCB-026/029	E1668C		**0.000488**	--	--	--	--
PCB-027	E1668C		**0.000117**	--	--	--	--
PCB-031	E1668C		**0.00105**	--	--	--	--
PCB-032	E1668C		**0.000196**	--	--	--	--
PCB-034	E1668C		**0.0000176 J**	--	--	--	--
PCB-035	E1668C		0.0000067 U	--	--	--	--
PCB-036	E1668C		0.00000602 U	--	--	--	--
PCB-037	E1668C		**0.0000358**	--	--	--	--
PCB-038	E1668C		**0.0000105**	--	--	--	--
PCB-039	E1668C		0.00000631 U	--	--	--	--
PCB-040/071	E1668C		**0.000812**	--	--	--	--
PCB-041	E1668C		0.00000475 U	--	--	--	--
PCB-042	E1668C		**0.00234**	--	--	--	--
PCB-043	E1668C		**0.0000599**	--	--	--	--
PCB-044/047/065	E1668C		**0.0503 J**	--	--	--	--
PCB-045	E1668C		0.00000427 U	--	--	--	--
PCB-046	E1668C		**0.0000694**	--	--	--	--
PCB-048	E1668C		**0.00019**	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-11-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-12-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-13-ADLT-240913 2024-09-13 N TA
PCB-049/069	E1668C		**0.0238 J**	--	--	--	--
PCB-050/053	E1668C		**0.00215**	--	--	--	--
PCB-051	E1668C		**0.00158**	--	--	--	--
PCB-052	E1668C		**0.0138 J**	--	--	--	--
PCB-054	E1668C		**0.000056**	--	--	--	--
PCB-055	E1668C		0.0000257 U	--	--	--	--
PCB-056	E1668C		**0.000983**	--	--	--	--
PCB-057	E1668C		**0.000149**	--	--	--	--
PCB-058	E1668C		**0.000159**	--	--	--	--
PCB-059/062/075	E1668C		**0.0015**	--	--	--	--
PCB-060	E1668C		**0.000853**	--	--	--	--
PCB-061/070/074/076	E1668C		**0.0119**	--	--	--	--
PCB-063	E1668C		**0.000982**	--	--	--	--
PCB-064	E1668C		**0.00251**	--	--	--	--
PCB-066	E1668C		**0.0115 J**	--	--	--	--
PCB-067	E1668C		**0.000521**	--	--	--	--
PCB-068	E1668C		**0.00176**	--	--	--	--
PCB-072	E1668C		**0.00118**	--	--	--	--
PCB-073	E1668C		**0.000291**	--	--	--	--
PCB-077	E1668C		**0.000171**	--	--	--	--
PCB-078	E1668C		0.0000284 U	--	--	--	--
PCB-079	E1668C		**0.000483**	--	--	--	--
PCB-080	E1668C		0.0000262 U	--	--	--	--
PCB-081	E1668C		0.0000278 U	--	--	--	--
PCB-082	E1668C		**0.00225**	--	--	--	--
PCB-083	E1668C		**0.00357**	--	--	--	--
PCB-084	E1668C		**0.00386**	--	--	--	--
PCB-085/116	E1668C		**0.0117 J**	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		**0.0376 J**	--	--	--	--
PCB-088	E1668C		0.00000813 U	--	--	--	--
PCB-089	E1668C		0.00000726 U	--	--	--	--
PCB-090/101/113	E1668C		**0.144 J**	--	--	--	--
PCB-091	E1668C		**0.0194 J**	--	--	--	--
PCB-092	E1668C		**0.0372 J**	--	--	--	--
PCB-093/100	E1668C		**0.0176 J**	--	--	--	--
PCB-094	E1668C		**0.000492**	--	--	--	--
PCB-095	E1668C		**0.0341 J**	--	--	--	--
PCB-096	E1668C		**0.000145**	--	--	--	--
PCB-098	E1668C		**0.000263**	--	--	--	--
PCB-099	E1668C		**0.0686 J**	--	--	--	--
PCB-102	E1668C		**0.0006**	--	--	--	--
PCB-103	E1668C		**0.00686 J**	--	--	--	--
PCB-104	E1668C		**0.000145**	--	--	--	--
PCB-105	E1668C		**0.016 J**	--	--	--	--
PCB-106	E1668C		0.00000534 U	--	--	--	--
PCB-107	E1668C		**0.00947 J**	--	--	--	--
PCB-108/124	E1668C		**0.00261**	--	--	--	--
PCB-110	E1668C		**0.0702 J**	--	--	--	--
PCB-111	E1668C		**0.000976**	--	--	--	--
PCB-112	E1668C		**0.000235**	--	--	--	--
PCB-114	E1668C		**0.00143**	--	--	--	--
PCB-115	E1668C		0.00000423 U	--	--	--	--
PCB-117	E1668C		**0.00505 J**	--	--	--	--
PCB-118	E1668C		**0.0592 J**	--	--	--	--
PCB-120	E1668C		**0.00283**	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-11-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-12-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-13-ADLT-240913 2024-09-13 N TA
PCB-121	E1668C		**0.000508**	--	--	--	--
PCB-122	E1668C		**0.000489**	--	--	--	--
PCB-123	E1668C		**0.00134**	--	--	--	--
PCB-126	E1668C		**0.000297**	--	--	--	--
PCB-127	E1668C		**0.000434**	--	--	--	--
PCB-128/166	E1668C		**0.0392 J**	--	--	--	--
PCB-129/138/163	E1668C		**0.326 J**	--	--	--	--
PCB-130	E1668C		**0.018 J**	--	--	--	--
PCB-131	E1668C		**0.000817**	--	--	--	--
PCB-132	E1668C		**0.0347 J**	--	--	--	--
PCB-133	E1668C		**0.00956 J**	--	--	--	--
PCB-134	E1668C		**0.00663 J**	--	--	--	--
PCB-135/151	E1668C		**0.0979 J**	--	--	--	--
PCB-136	E1668C		**0.0204 J**	--	--	--	--
PCB-137	E1668C		**0.00616 J**	--	--	--	--
PCB-139/140	E1668C		**0.00365**	--	--	--	--
PCB-141	E1668C		**0.0522 J**	--	--	--	--
PCB-142	E1668C		0.00000519 U	--	--	--	--
PCB-143	E1668C		0.00000501 U	--	--	--	--
PCB-144	E1668C		**0.00966 J**	--	--	--	--
PCB-145	E1668C		0.00000472 U	--	--	--	--
PCB-146	E1668C		**0.0799 J**	--	--	--	--
PCB-147/149	E1668C		**0.19 J**	--	--	--	--
PCB-148	E1668C		**0.00195**	--	--	--	--
PCB-150	E1668C		**0.00156**	--	--	--	--
PCB-152	E1668C		**0.000361**	--	--	--	--
PCB-153/168	E1668C		**0.41 J**	--	--	--	--
PCB-154	E1668C		**0.0125 J**	--	--	--	--
PCB-155	E1668C		**0.000343**	--	--	--	--
PCB-156/157	E1668C		**0.0182 J**	--	--	--	--
PCB-158	E1668C		**0.0217 J**	--	--	--	--
PCB-159	E1668C		**0.00364**	--	--	--	--
PCB-160	E1668C		0.00000405 U	--	--	--	--
PCB-161	E1668C		0.00000342 U	--	--	--	--
PCB-162	E1668C		**0.00229**	--	--	--	--
PCB-164	E1668C		**0.0123 J**	--	--	--	--
PCB-165	E1668C		**0.000995**	--	--	--	--
PCB-167	E1668C		**0.014 J**	--	--	--	--
PCB-169	E1668C		**0.00116**	--	--	--	--
PCB-170	E1668C		**0.126 J**	--	--	--	--
PCB-171/173	E1668C		**0.0344 J**	--	--	--	--
PCB-172	E1668C		**0.0254 J**	--	--	--	--
PCB-174	E1668C		**0.0684 J**	--	--	--	--
PCB-175	E1668C		**0.0053 J**	--	--	--	--
PCB-176	E1668C		**0.0124 J**	--	--	--	--
PCB-177	E1668C		**0.0603 J**	--	--	--	--
PCB-178	E1668C		**0.053 J**	--	--	--	--
PCB-179	E1668C		**0.0425 J**	--	--	--	--
PCB-180/193	E1668C		**0.311 J**	--	--	--	--
PCB-181	E1668C		**0.000665**	--	--	--	--
PCB-182	E1668C		**0.00128**	--	--	--	--
PCB-183	E1668C		**0.0871 J**	--	--	--	--
PCB-184	E1668C		**0.000158**	--	--	--	--
PCB-185	E1668C		**0.0151 J**	--	--	--	--
PCB-186	E1668C		0.0000040 U	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-10-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-11-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-12-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01NP-13-ADLT-240913 2024-09-13 N TA
PCB-187	E1668C		**0.203 J**	--	--	--	--
PCB-188	E1668C		**0.000781**	--	--	--	--
PCB-189	E1668C		**0.00411 J**	--	--	--	--
PCB-190	E1668C		**0.0301 J**	--	--	--	--
PCB-191	E1668C		**0.00478 J**	--	--	--	--
PCB-192	E1668C		0.0000276 U	--	--	--	--
PCB-194	E1668C		**0.0534 J**	--	--	--	--
PCB-195	E1668C		**0.0245 J**	--	--	--	--
PCB-196	E1668C		**0.0364 J**	--	--	--	--
PCB-197	E1668C		**0.00325**	--	--	--	--
PCB-198/199	E1668C		**0.0711 J**	--	--	--	--
PCB-200	E1668C		**0.00483 J**	--	--	--	--
PCB-201	E1668C		**0.00901 J**	--	--	--	--
PCB-202	E1668C		**0.0137 J**	--	--	--	--
PCB-203	E1668C		**0.0469 J**	--	--	--	--
PCB-204	E1668C		**0.0000233 J**	--	--	--	--
PCB-205	E1668C		**0.0034**	--	--	--	--
PCB-206	E1668C		**0.00884 J**	--	--	--	--
PCB-207	E1668C		**0.00162**	--	--	--	--
PCB-208	E1668C		**0.00198**	--	--	--	--
PCB-209	E1668C		**0.000896**	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		**3.5 J**	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		**3.5 J**	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-03-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-05-ADLT-240913 2024-09-13 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**3.3 J**	**1.2 J**	**4.7 J**	**2.2 J**	**2.2 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.374 U	0.0502 U	0.10 U	0.0501 U	0.10 U
Aroclor 1221	SW8082A		0.374 U	0.0502 U	0.10 U	0.0501 U	0.10 U
Aroclor 1232	SW8082A		0.374 U	0.0502 U	0.10 U	0.0501 U	0.10 U
Aroclor 1242	SW8082A		0.374 U	0.0502 U	0.10 U	0.0501 U	0.10 U
Aroclor 1248	SW8082A		0.374 U	**0.0191 J**	**0.0559 J**	**0.0257 J**	0.10 U
Aroclor 1254	SW8082A		0.374 U	0.0502 U	0.10 U	0.0501 U	0.10 U
Aroclor 1260	SW8082A		**1.88**	**0.33**	**0.499 J**	**0.352**	**0.365**
Total PCB Aroclors (U = 0 max limit)	Calculated		**1.88**	**0.35 J**	**0.555 J**	**0.378 J**	**0.365**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**2.25**	**0.39 J**	**0.637 J**	**0.419 J**	**0.464**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-03-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-05-ADLT-240913 2024-09-13 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-03-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-05-ADLT-240913 2024-09-13 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-03-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-05-ADLT-240913 2024-09-13 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-08-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-10-ADLT-240913 2024-09-13 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.3 J**	**3.5 J**	**0.75 J**	**0.27 J**	**2.0 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.025 U	0.0999 U	0.050 U	**0.0251**	0.025 U
Aroclor 1221	SW8082A		0.025 U	0.0999 U	0.050 U	**0.0251**	0.025 U
Aroclor 1232	SW8082A		0.025 U	0.0999 U	0.050 U	**0.0251**	0.025 U
Aroclor 1242	SW8082A		0.025 U	0.0999 U	0.050 U	**0.0251**	0.025 U
Aroclor 1248	SW8082A		**0.0176 J**	**0.0465 J**	**0.0206 J**	**0.0251**	**0.0222 J**
Aroclor 1254	SW8082A		0.025 U	0.0999 U	0.050 U	**0.0251**	0.025 U
Aroclor 1260	SW8082A		**0.133**	**0.621**	**0.311**	**0.125**	**0.222**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.151 J**	**0.668 J**	**0.332 J**	**0.125**	**0.244 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.171 J**	**0.750 J**	**0.373 J**	**0.150**	**0.265 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-08-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-10-ADLT-240913 2024-09-13 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-08-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-10-ADLT-240913 2024-09-13 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-08-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01SB-10-ADLT-240913 2024-09-13 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-03-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-05-ADLT-240913 2024-09-13 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.39 J**	**0.39 J**	**0.38 J**	**0.40 J**	**0.85 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.025 U	**0.025**	0.025 UJ	0.025 UJ	0.0251 UJ
Aroclor 1221	SW8082A		0.025 U	**0.025**	0.025 UJ	0.025 UJ	0.0251 UJ
Aroclor 1232	SW8082A		0.025 U	**0.025**	0.025 UJ	0.025 UJ	0.0251 UJ
Aroclor 1242	SW8082A		0.025 U	**0.025**	0.025 UJ	0.025 UJ	0.0251 UJ
Aroclor 1248	SW8082A		0.025 U	**0.025**	0.025 UJ	0.025 UJ	**0.0098 J**
Aroclor 1254	SW8082A		0.025 U	**0.025**	0.025 UJ	0.025 UJ	0.0251 UJ
Aroclor 1260	SW8082A		**0.0728**	**0.0320**	**0.0298 J**	**0.0346 J**	**0.131 J**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0728**	**0.0320**	**0.0298 J**	**0.0346 J**	**0.14 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.0974**	**0.0566**	**0.0544 J**	**0.0592 J**	**0.16 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-03-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-05-ADLT-240913 2024-09-13 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-03-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-05-ADLT-240913 2024-09-13 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-01-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-02-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-03-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-04-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-05-ADLT-240913 2024-09-13 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-08-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-10-ADLT-240913 2024-09-13 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.62 J**	**0.53 J**	**0.31 J**	**0.50 J**	**0.32 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.0251 U	0.0251 UJ	0.0251 UJ	0.0249 U	0.025 U
Aroclor 1221	SW8082A		0.0251 U	0.0251 UJ	0.0251 UJ	0.0249 U	0.025 U
Aroclor 1232	SW8082A		0.0251 U	0.0251 UJ	0.0251 UJ	0.0249 U	0.025 U
Aroclor 1242	SW8082A		0.0251 U	0.0251 UJ	0.0251 UJ	0.0249 U	0.025 U
Aroclor 1248	SW8082A		0.0251 U	0.0251 UJ	0.0251 UJ	**0.0093 J**	0.025 U
Aroclor 1254	SW8082A		0.0251 U	0.0251 UJ	0.0251 UJ	0.0249 U	0.025 U
Aroclor 1260	SW8082A		**0.116**	**0.0456 J**	**0.0420 J**	**0.104**	**0.0706**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.116**	**0.0456 J**	**0.0420 J**	**0.11 J**	**0.0706**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.141**	**0.0702 J**	**0.0666 J**	**0.13 J**	**0.0952**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-08-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-10-ADLT-240913 2024-09-13 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-08-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-10-ADLT-240913 2024-09-13 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-06-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-07-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-08-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-09-ADLT-240913 2024-09-13 N TA	HBMP_Fish HBMP-R15-01 HBMP-R15-01YP-10-ADLT-240913 2024-09-13 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-03-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-04-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-05-ADLT-240918 2024-09-18 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.86 J**	**1.6 J**	**1.9 J**	**2.0 J**	**3.0 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.025 U	0.0251 U	0.0249 U	0.025 U	0.0251 U
Aroclor 1221	SW8082A		0.025 U	0.0251 U	0.0249 U	0.025 U	0.0251 U
Aroclor 1232	SW8082A		0.025 U	0.0251 U	0.0249 U	0.025 U	0.0251 U
Aroclor 1242	SW8082A		0.025 U	0.0251 U	0.0249 U	0.025 U	0.0251 U
Aroclor 1248	SW8082A		0.025 U	0.0251 U	0.0249 U	0.025 U	0.0251 U
Aroclor 1254	SW8082A		0.025 U	0.0251 U	0.0249 U	0.025 U	0.0251 U
Aroclor 1260	SW8082A		**0.0370**	**0.0771**	**0.12**	**0.121**	**0.113**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0370**	**0.0771**	**0.12**	**0.121**	**0.113**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.0616**	**0.102**	**0.14**	**0.146**	**0.138**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-03-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-04-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-05-ADLT-240918 2024-09-18 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-03-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-04-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-05-ADLT-240918 2024-09-18 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-03-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-04-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-05-ADLT-240918 2024-09-18 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-06-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-07-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-08-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-09-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-10-ADLT-240918 2024-09-18 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.4 J**	**0.49 J**	**0.57 J**	**0.57 J**	**1.2 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.0249 U	0.025 U	0.0251 U	0.025 U	0.0249 U
Aroclor 1221	SW8082A		0.0249 U	0.025 U	0.0251 U	0.025 U	0.0249 U
Aroclor 1232	SW8082A		0.0249 U	0.025 U	0.0251 U	0.025 U	0.0249 U
Aroclor 1242	SW8082A		0.0249 U	0.025 U	0.0251 U	0.025 U	0.0249 U
Aroclor 1248	SW8082A		**0.0088 J**	0.025 U	0.0251 U	0.025 U	0.0249 U
Aroclor 1254	SW8082A		0.0249 U	0.025 U	0.0251 U	0.025 U	0.0249 U
Aroclor 1260	SW8082A		**0.0943**	**0.0321**	**0.0549**	**0.0349**	**0.131**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.10 J**	**0.0321**	**0.0549**	**0.0349**	**0.131**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.12 J**	**0.0567**	**0.0795**	**0.0595**	**0.156**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-06-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-07-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-08-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-09-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-10-ADLT-240918 2024-09-18 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-06-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-07-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-08-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-09-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-10-ADLT-240918 2024-09-18 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-06-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-07-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-08-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-09-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01BB-10-ADLT-240918 2024-09-18 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-05-ADLT-240919 2024-09-19 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**1.7 J**	**0.68 J**	**0.71 J**	**1.0 J**	**1.1 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.0999 U	0.0499 U	0.125 U	0.125 U	**0.0502**
Aroclor 1221	SW8082A		0.0999 U	0.0499 U	0.125 U	0.125 U	**0.0502**
Aroclor 1232	SW8082A		0.0999 U	0.0499 U	0.125 U	0.125 U	**0.0502**
Aroclor 1242	SW8082A		0.0999 U	0.0499 U	0.125 U	0.125 U	**0.0502**
Aroclor 1248	SW8082A		0.0999 U	0.0499 U	0.125 U	0.125 U	**0.0502**
Aroclor 1254	SW8082A		0.0999 U	0.0499 U	0.125 U	0.125 U	**0.0502**
Aroclor 1260	SW8082A		**0.627**	**0.292**	**1.04**	**0.528**	**0.258**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.627**	**0.292**	**1.04**	**0.528**	**0.258**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.725**	**0.341**	**1.16**	**0.651**	**0.308**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-05-ADLT-240919 2024-09-19 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-05-ADLT-240919 2024-09-19 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-01-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-02-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-03-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-04-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-05-ADLT-240919 2024-09-19 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-06-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-07-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-08-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-09-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-10-ADLT-240919 2024-09-19 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.57 J**	**2.0 J**	**1.4 J**	**1.5 J**	**1.5 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.0748 U	0.501 U	0.25 U	0.0501 U	0.25 U
Aroclor 1221	SW8082A		0.0748 U	0.501 U	0.25 U	0.0501 U	0.25 U
Aroclor 1232	SW8082A		0.0748 U	0.501 U	0.25 U	0.0501 U	0.25 U
Aroclor 1242	SW8082A		0.0748 U	0.501 U	0.25 U	0.0501 U	0.25 U
Aroclor 1248	SW8082A		0.0748 U	0.501 U	0.25 U	0.0501 U	0.25 U
Aroclor 1254	SW8082A		0.0748 U	0.501 U	0.25 U	0.0501 U	0.25 U
Aroclor 1260	SW8082A		**0.437**	**4.03**	**1.63**	**0.256**	**1.21**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.437**	**4.03**	**1.63**	**0.256**	**1.21**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.511**	**4.53**	**1.88**	**0.306**	**1.46**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-06-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-07-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-08-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-09-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-10-ADLT-240919 2024-09-19 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-06-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-07-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-08-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-09-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-10-ADLT-240919 2024-09-19 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-06-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-07-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-08-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-09-ADLT-240919 2024-09-19 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01NP-10-ADLT-240919 2024-09-19 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-03-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-04-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-05-ADLT-240918 2024-09-18 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.79 J**	**0.70 J**	**0.71 J**	**0.56 J**	**0.70 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.025 U	0.0748 U	0.050 U	0.0499 U	0.025 U
Aroclor 1221	SW8082A		0.025 U	0.0748 U	0.050 U	0.0499 U	0.025 U
Aroclor 1232	SW8082A		0.025 U	0.0748 U	0.050 U	0.0499 U	0.025 U
Aroclor 1242	SW8082A		0.025 U	0.0748 U	0.050 U	0.0499 U	0.025 U
Aroclor 1248	SW8082A		**0.0104 J**	0.0748 U	**0.0177 J**	0.0499 U	**0.0098 J**
Aroclor 1254	SW8082A		0.025 U	0.0748 U	0.050 U	0.0499 U	0.025 U
Aroclor 1260	SW8082A		**0.188**	**0.473**	**0.294**	**0.273**	**0.226**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.198 J**	**0.473**	**0.312 J**	**0.273**	**0.24 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.219 J**	**0.547**	**0.353 J**	**0.322**	**0.26 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-03-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-04-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-05-ADLT-240918 2024-09-18 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-03-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-04-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-05-ADLT-240918 2024-09-18 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-03-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-04-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-05-ADLT-240918 2024-09-18 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-06-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-07-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-08-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-09-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-10-ADLT-240918 2024-09-18 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.52 J**	**0.97 J**	**0.50 J**	**0.40 J**	**0.38 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.0251 U	0.0501 U	0.0501 U	0.0499 U	0.0249 U
Aroclor 1221	SW8082A		0.0251 U	0.0501 U	0.0501 U	0.0499 U	0.0249 U
Aroclor 1232	SW8082A		0.0251 U	0.0501 U	0.0501 U	0.0499 U	0.0249 U
Aroclor 1242	SW8082A		0.0251 U	0.0501 U	0.0501 U	0.0499 U	0.0249 U
Aroclor 1248	SW8082A		**0.0096 J**	0.0501 U	0.0501 U	0.0499 U	**0.0097 J**
Aroclor 1254	SW8082A		0.0251 U	0.0501 U	0.0501 U	0.0499 U	0.0249 U
Aroclor 1260	SW8082A		**0.184**	**0.262**	**0.272**	**0.284**	**0.162**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.19 J**	**0.262**	**0.272**	**0.284**	**0.17 J**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.21 J**	**0.311**	**0.322**	**0.333**	**0.19 J**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-06-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-07-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-08-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-09-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-10-ADLT-240918 2024-09-18 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-06-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-07-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-08-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-09-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-10-ADLT-240918 2024-09-18 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-06-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-07-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-08-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-09-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01SB-10-ADLT-240918 2024-09-18 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-03-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-04-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-05-ADLT-240918 2024-09-18 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.51 J**	**0.65 J**	**0.55 J**	**0.40 J**	**0.41 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.0251 U	0.025 U	0.0249 U	0.025 U	**0.025**
Aroclor 1221	SW8082A		0.0251 U	0.025 U	0.0249 U	0.025 U	**0.025**
Aroclor 1232	SW8082A		0.0251 U	0.025 U	0.0249 U	0.025 U	**0.025**
Aroclor 1242	SW8082A		0.0251 U	0.025 U	0.0249 U	0.025 U	**0.025**
Aroclor 1248	SW8082A		0.0251 U	0.025 U	0.0249 U	0.025 U	**0.025**
Aroclor 1254	SW8082A		0.0251 U	0.025 U	0.0249 U	0.025 U	**0.025**
Aroclor 1260	SW8082A		**0.0508**	**0.0539**	**0.0613**	**0.0371**	**0.0459**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0508**	**0.0539**	**0.0613**	**0.0371**	**0.0459**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.0754**	**0.0785**	**0.0859**	**0.0617**	**0.0705**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-03-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-04-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-05-ADLT-240918 2024-09-18 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-03-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-04-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-05-ADLT-240918 2024-09-18 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-01-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-02-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-03-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-04-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-05-ADLT-240918 2024-09-18 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-06-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-07-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-08-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-09-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-10-ADLT-240918 2024-09-18 N TA
Conventional Parameters (pct)							
Lipids	ENVSOPGBAY0090-00		**0.31 J**	**0.19 J**	**0.31 J**	**0.34 J**	**0.43 J**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		**0.0251**	0.025 UJ	0.025 UJ	0.0251 UJ	**0.0251**
Aroclor 1221	SW8082A		**0.0251**	0.025 UJ	0.025 UJ	0.0251 UJ	**0.0251**
Aroclor 1232	SW8082A		**0.0251**	0.025 UJ	0.025 UJ	0.0251 UJ	**0.0251**
Aroclor 1242	SW8082A		**0.0251**	0.025 UJ	0.025 UJ	0.0251 UJ	**0.0251**
Aroclor 1248	SW8082A		**0.0251**	0.025 UJ	0.025 UJ	0.0251 UJ	**0.0251**
Aroclor 1254	SW8082A		**0.0251**	0.025 UJ	0.025 UJ	0.0251 UJ	**0.0251**
Aroclor 1260	SW8082A		**0.0315**	**0.0492 J**	**0.0441 J**	**0.0489 J**	**0.0417**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0315**	**0.0492 J**	**0.0441 J**	**0.0489 J**	**0.0417**
Total PCB Aroclors (U = 1/2 max limit)	Calculated		**0.0561**	**0.0738 J**	**0.0687 J**	**0.0735 J**	**0.0663**
PCB Congeners (mg/kg)							
PCB-001	E1668C		--	--	--	--	--
PCB-002	E1668C		--	--	--	--	--
PCB-003	E1668C		--	--	--	--	--
PCB-004	E1668C		--	--	--	--	--
PCB-005	E1668C		--	--	--	--	--
PCB-006	E1668C		--	--	--	--	--
PCB-007	E1668C		--	--	--	--	--
PCB-008	E1668C		--	--	--	--	--
PCB-009	E1668C		--	--	--	--	--
PCB-010	E1668C		--	--	--	--	--
PCB-011	E1668C		--	--	--	--	--
PCB-012/013	E1668C		--	--	--	--	--
PCB-014	E1668C		--	--	--	--	--
PCB-015	E1668C		--	--	--	--	--
PCB-016	E1668C		--	--	--	--	--
PCB-017	E1668C		--	--	--	--	--
PCB-018/030	E1668C		--	--	--	--	--
PCB-019	E1668C		--	--	--	--	--
PCB-020/028	E1668C		--	--	--	--	--
PCB-021/033	E1668C		--	--	--	--	--
PCB-022	E1668C		--	--	--	--	--
PCB-023	E1668C		--	--	--	--	--
PCB-024	E1668C		--	--	--	--	--
PCB-025	E1668C		--	--	--	--	--
PCB-026/029	E1668C		--	--	--	--	--
PCB-027	E1668C		--	--	--	--	--
PCB-031	E1668C		--	--	--	--	--
PCB-032	E1668C		--	--	--	--	--
PCB-034	E1668C		--	--	--	--	--
PCB-035	E1668C		--	--	--	--	--
PCB-036	E1668C		--	--	--	--	--
PCB-037	E1668C		--	--	--	--	--
PCB-038	E1668C		--	--	--	--	--
PCB-039	E1668C		--	--	--	--	--
PCB-040/071	E1668C		--	--	--	--	--
PCB-041	E1668C		--	--	--	--	--
PCB-042	E1668C		--	--	--	--	--
PCB-043	E1668C		--	--	--	--	--
PCB-044/047/065	E1668C		--	--	--	--	--
PCB-045	E1668C		--	--	--	--	--
PCB-046	E1668C		--	--	--	--	--
PCB-048	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-06-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-07-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-08-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-09-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-10-ADLT-240918 2024-09-18 N TA
PCB-049/069	E1668C		--	--	--	--	--
PCB-050/053	E1668C		--	--	--	--	--
PCB-051	E1668C		--	--	--	--	--
PCB-052	E1668C		--	--	--	--	--
PCB-054	E1668C		--	--	--	--	--
PCB-055	E1668C		--	--	--	--	--
PCB-056	E1668C		--	--	--	--	--
PCB-057	E1668C		--	--	--	--	--
PCB-058	E1668C		--	--	--	--	--
PCB-059/062/075	E1668C		--	--	--	--	--
PCB-060	E1668C		--	--	--	--	--
PCB-061/070/074/076	E1668C		--	--	--	--	--
PCB-063	E1668C		--	--	--	--	--
PCB-064	E1668C		--	--	--	--	--
PCB-066	E1668C		--	--	--	--	--
PCB-067	E1668C		--	--	--	--	--
PCB-068	E1668C		--	--	--	--	--
PCB-072	E1668C		--	--	--	--	--
PCB-073	E1668C		--	--	--	--	--
PCB-077	E1668C		--	--	--	--	--
PCB-078	E1668C		--	--	--	--	--
PCB-079	E1668C		--	--	--	--	--
PCB-080	E1668C		--	--	--	--	--
PCB-081	E1668C		--	--	--	--	--
PCB-082	E1668C		--	--	--	--	--
PCB-083	E1668C		--	--	--	--	--
PCB-084	E1668C		--	--	--	--	--
PCB-085/116	E1668C		--	--	--	--	--
PCB-086/087/097/109/119/125	E1668C		--	--	--	--	--
PCB-088	E1668C		--	--	--	--	--
PCB-089	E1668C		--	--	--	--	--
PCB-090/101/113	E1668C		--	--	--	--	--
PCB-091	E1668C		--	--	--	--	--
PCB-092	E1668C		--	--	--	--	--
PCB-093/100	E1668C		--	--	--	--	--
PCB-094	E1668C		--	--	--	--	--
PCB-095	E1668C		--	--	--	--	--
PCB-096	E1668C		--	--	--	--	--
PCB-098	E1668C		--	--	--	--	--
PCB-099	E1668C		--	--	--	--	--
PCB-102	E1668C		--	--	--	--	--
PCB-103	E1668C		--	--	--	--	--
PCB-104	E1668C		--	--	--	--	--
PCB-105	E1668C		--	--	--	--	--
PCB-106	E1668C		--	--	--	--	--
PCB-107	E1668C		--	--	--	--	--
PCB-108/124	E1668C		--	--	--	--	--
PCB-110	E1668C		--	--	--	--	--
PCB-111	E1668C		--	--	--	--	--
PCB-112	E1668C		--	--	--	--	--
PCB-114	E1668C		--	--	--	--	--
PCB-115	E1668C		--	--	--	--	--
PCB-117	E1668C		--	--	--	--	--
PCB-118	E1668C		--	--	--	--	--
PCB-120	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-06-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-07-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-08-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-09-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-10-ADLT-240918 2024-09-18 N TA
PCB-121	E1668C		--	--	--	--	--
PCB-122	E1668C		--	--	--	--	--
PCB-123	E1668C		--	--	--	--	--
PCB-126	E1668C		--	--	--	--	--
PCB-127	E1668C		--	--	--	--	--
PCB-128/166	E1668C		--	--	--	--	--
PCB-129/138/163	E1668C		--	--	--	--	--
PCB-130	E1668C		--	--	--	--	--
PCB-131	E1668C		--	--	--	--	--
PCB-132	E1668C		--	--	--	--	--
PCB-133	E1668C		--	--	--	--	--
PCB-134	E1668C		--	--	--	--	--
PCB-135/151	E1668C		--	--	--	--	--
PCB-136	E1668C		--	--	--	--	--
PCB-137	E1668C		--	--	--	--	--
PCB-139/140	E1668C		--	--	--	--	--
PCB-141	E1668C		--	--	--	--	--
PCB-142	E1668C		--	--	--	--	--
PCB-143	E1668C		--	--	--	--	--
PCB-144	E1668C		--	--	--	--	--
PCB-145	E1668C		--	--	--	--	--
PCB-146	E1668C		--	--	--	--	--
PCB-147/149	E1668C		--	--	--	--	--
PCB-148	E1668C		--	--	--	--	--
PCB-150	E1668C		--	--	--	--	--
PCB-152	E1668C		--	--	--	--	--
PCB-153/168	E1668C		--	--	--	--	--
PCB-154	E1668C		--	--	--	--	--
PCB-155	E1668C		--	--	--	--	--
PCB-156/157	E1668C		--	--	--	--	--
PCB-158	E1668C		--	--	--	--	--
PCB-159	E1668C		--	--	--	--	--
PCB-160	E1668C		--	--	--	--	--
PCB-161	E1668C		--	--	--	--	--
PCB-162	E1668C		--	--	--	--	--
PCB-164	E1668C		--	--	--	--	--
PCB-165	E1668C		--	--	--	--	--
PCB-167	E1668C		--	--	--	--	--
PCB-169	E1668C		--	--	--	--	--
PCB-170	E1668C		--	--	--	--	--
PCB-171/173	E1668C		--	--	--	--	--
PCB-172	E1668C		--	--	--	--	--
PCB-174	E1668C		--	--	--	--	--
PCB-175	E1668C		--	--	--	--	--
PCB-176	E1668C		--	--	--	--	--
PCB-177	E1668C		--	--	--	--	--
PCB-178	E1668C		--	--	--	--	--
PCB-179	E1668C		--	--	--	--	--
PCB-180/193	E1668C		--	--	--	--	--
PCB-181	E1668C		--	--	--	--	--
PCB-182	E1668C		--	--	--	--	--
PCB-183	E1668C		--	--	--	--	--
PCB-184	E1668C		--	--	--	--	--
PCB-185	E1668C		--	--	--	--	--
PCB-186	E1668C		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Chemical	Method	Task Location ID Sample ID Sample Date Sample Type Code Matrix	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-06-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-07-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-08-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-09-ADLT-240918 2024-09-18 N TA	HBMP_Fish HBMP-R16-01 HBMP-R16-01YP-10-ADLT-240918 2024-09-18 N TA
PCB-187	E1668C		--	--	--	--	--
PCB-188	E1668C		--	--	--	--	--
PCB-189	E1668C		--	--	--	--	--
PCB-190	E1668C		--	--	--	--	--
PCB-191	E1668C		--	--	--	--	--
PCB-192	E1668C		--	--	--	--	--
PCB-194	E1668C		--	--	--	--	--
PCB-195	E1668C		--	--	--	--	--
PCB-196	E1668C		--	--	--	--	--
PCB-197	E1668C		--	--	--	--	--
PCB-198/199	E1668C		--	--	--	--	--
PCB-200	E1668C		--	--	--	--	--
PCB-201	E1668C		--	--	--	--	--
PCB-202	E1668C		--	--	--	--	--
PCB-203	E1668C		--	--	--	--	--
PCB-204	E1668C		--	--	--	--	--
PCB-205	E1668C		--	--	--	--	--
PCB-206	E1668C		--	--	--	--	--
PCB-207	E1668C		--	--	--	--	--
PCB-208	E1668C		--	--	--	--	--
PCB-209	E1668C		--	--	--	--	--
Total PCB Congener (U = 0 max limit)	Calculated		--	--	--	--	--
Total PCB Congener (U = 1/2 max limit)	Calculated		--	--	--	--	--

Appendix D
Analytical Data Summary Table (Fish)

Notes:
Bold: Detected result
J: Estimated value
U: Compound analyzed for, but not detected above detection limit
UJ: Compound analyzed for, but not detected above estimated detection limit

Appendix E
Fish Community Survey Results

Appendix E: Fish Community Survey Results

Reach 5A (9/10/2024)

Species	YOY	Juvenile	Adult	Total
Bluegill	0	0	1	**1**
Bluntnose minnow	0	0	71	**71**
Fallfish	0	0	9	**9**
Largemouth bass	2	19	5	**26**
Northern pike	1	0	2	**3**
Pumpkinseed	5	3	1	**9**
Rock bass	0	11	21	**32**
Smallmouth bass	15	6	7	**28**
Spottail shiner	0	0	186	**186**
White sucker	2	2	157	**161**
Yellow bullhead	0	0	4	**4**
Yellow perch	12	9	43	**64**
Grand Total	**37**	**50**	**507**	**594**

Reach 5B/5C (9/10/2024)

Species	YOY	Juvenile	Adult	Total
Black crappie	0	0	1	**1**
Bluegill	0	2	9	**11**
Bluntnose minnow	0	0	60	**60**
Carp	0	0	2	**2**
Golden shiner	0	0	150	**150**
Largemouth bass	3	17	18	**38**
Northern pike	3	8	2	**13**
Pumpkinseed	47	21	25	**93**
Rock bass	0	0	5	**5**
Spottail shiner	0	0	49	**49**
White sucker	1	4	8	**13**
Yellow bullhead	0	2	1	**3**
Yellow perch	130	9	14	**153**
Grand Total	**184**	**63**	**344**	**591**

Reach 6 (9/9/2024)

Species	YOY	Juvenile	Adult	Total	Notes
Bluegill	37	2	7	**46**	All from main channel
Brown bullhead	0	2	1	**3**	1 juvenile from the bank of Woods Pond, all others from main channel
Carp	0	2	4	**6**	1 juvenile from the bank of Woods Pond, all others from main channel
Golden shiner	0	10	3	**13**	3 adults from the bank of Woods Pond, all others from main channel
Largemouth bass	19	8	4	**31**	All from main channel
Northern pike	6	3	0	**9**	1 juvenile from the bank of Woods Pond, all others from main channel
Pumpkinseed	1	3	8	**12**	7 adults from the bank of Woods Pond, all others from main channel
Rock bass	1	2	20	**23**	All from main channel
Spottail shiner	0	0	30	**30**	All from main channel
White sucker	0	1	2	**3**	All from main channel
Yellow bullhead	0	0	1	**1**	All from main channel
Yellow perch	210	4	7	**221**	5 YOY from the bank of Woods Pond, all others from main channel
Grand Total	**274**	**37**	**87**	**398**	

Reach 7D (9/19/2024)

Species	YOY	Juvenile	Adult	Large Adult	Total
Banded killifish	0	0	1	0	**1**
Bluegill	0	0	2	0	**2**
Brown trout	0	0	7	1	**8**
Chain Pickerel	0	6	1	0	**7**
Fallfish	0	0	1	0	**1**
Largemouth bass	1	0	0	0	**1**
Pumpkinseed	0	0	2	0	**2**
Rock bass	2	6	15	0	**23**
Smallmouth bass	68	31	13	0	**112**
Spottail shiner	0	0	1	0	**1**
White sucker	0	0	18	0	**18**
Yellow bullhead	0	0	1	0	**1**
Yellow perch	3	2	0	0	**5**
Grand Total	**74**	**45**	**62**	**1**	**182**

Reach 7G (9/18/2024)

Species	YOY	Juvenile	Adult	Large Adult	Total
Black crappie	0	0	3	0	**3**
Bluegill	23	8	1	0	**32**
Bluntnose minnow	526	0	102	0	**628**
Brown bullhead	0	0	4	0	**4**
Carp	0	0	0	1	**1**
Chain pickerel	0	1	0	1	**2**
Fallfish	0	1	1	0	**2**
Johnny darter	0	1	0	0	**1**
Largemouth bass	12	17	1	0	**30**
Pumpkinseed	4	7	8	1	**20**
Rock bass	0	1	6	1	**8**
Smallmouth bass	3	2	6	1	**12**
White sucker	0	0	1	1	**2**
Yellow perch	0	1	0	1	**2**
Grand Total	**568**	**39**	**133**	**7**	**747**

Reach 8 (9/18/2024)

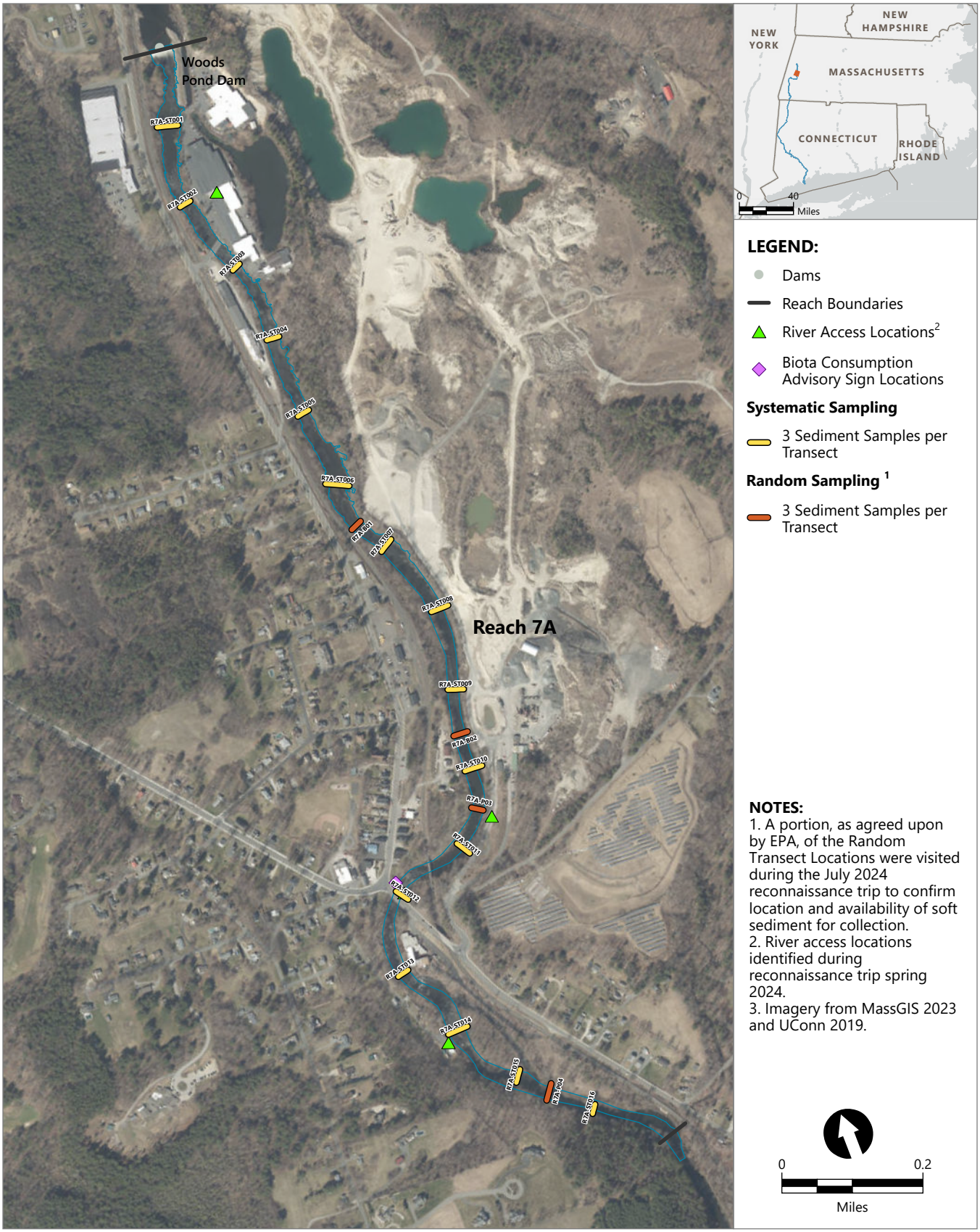
Species	YOY	Juvenile	Adult	Large Adult	Total
Bluegill	221	25	28	0	**274**
Bluntnose minnow	80	0	0	0	**80**
Carp	0	13	35	0	**48**
Largemouth bass	1	0	0	0	**1**
Pumpkinseed	21	15	23	1	**60**
Rock bass	50	18	15	0	**83**
Smallmouth bass	10	5	0	0	**15**
White sucker	0	0	1	0	**1**
Yellow bullhead	0	0	6	0	**6**
Yellow perch	0	2	1	0	**3**
Grand Total	**383**	**78**	**109**	**1**	**571**

Combined Data

Species	Reach 5A	Reach 5B/5C	Reach 6	Reach 7D	Reach 7G	Reach 8	Grand Total
Banded killifish	0	0	0	1	0	0	**1**
Black crappie	0	0	1	0	3	0	**4**

Species	Reach 5A	Reach 5B/5C	Reach 6	Reach 7D	Reach 7G	Reach 8	Grand Total
Bluegill	46	1	11	2	32	274	**366**
Bluntnose minnow	0	71	60	0	628	80	**839**
Brown bullhead	3	0	0	0	4	0	**7**
Brown trout	0	0	0	8	0	0	**8**
Carp	6	0	2	0	1	48	**57**
Chain Pickerel	0	0	0	7	2	0	**9**
Fallfish	0	9	0	1	2	0	**12**
Johnny darter	0	0	0	0	1	0	**1**
Golden shiner	13	0	150	0	0	0	**163**
Largemouth bass	31	26	38	1	30	1	**127**
Northern pike	9	3	13	0	0		**25**
Pumpkinseed	12	9	93	2	20	60	**196**
Rock bass	23	32	5	23	8	83	**174**
Smallmouth bass	0	28	0	112	12	15	**167**
Spottail shiner	30	186	49	1	0	0	**266**
White sucker	3	161	13	18	2	1	**198**
Yellow bullhead	1	4	3	1	0	6	**15**
Yellow perch	221	64	153	5	2	3	**448**
Grand Total	**398**	**594**	**591**	**182**	**747**	**571**	**3083**

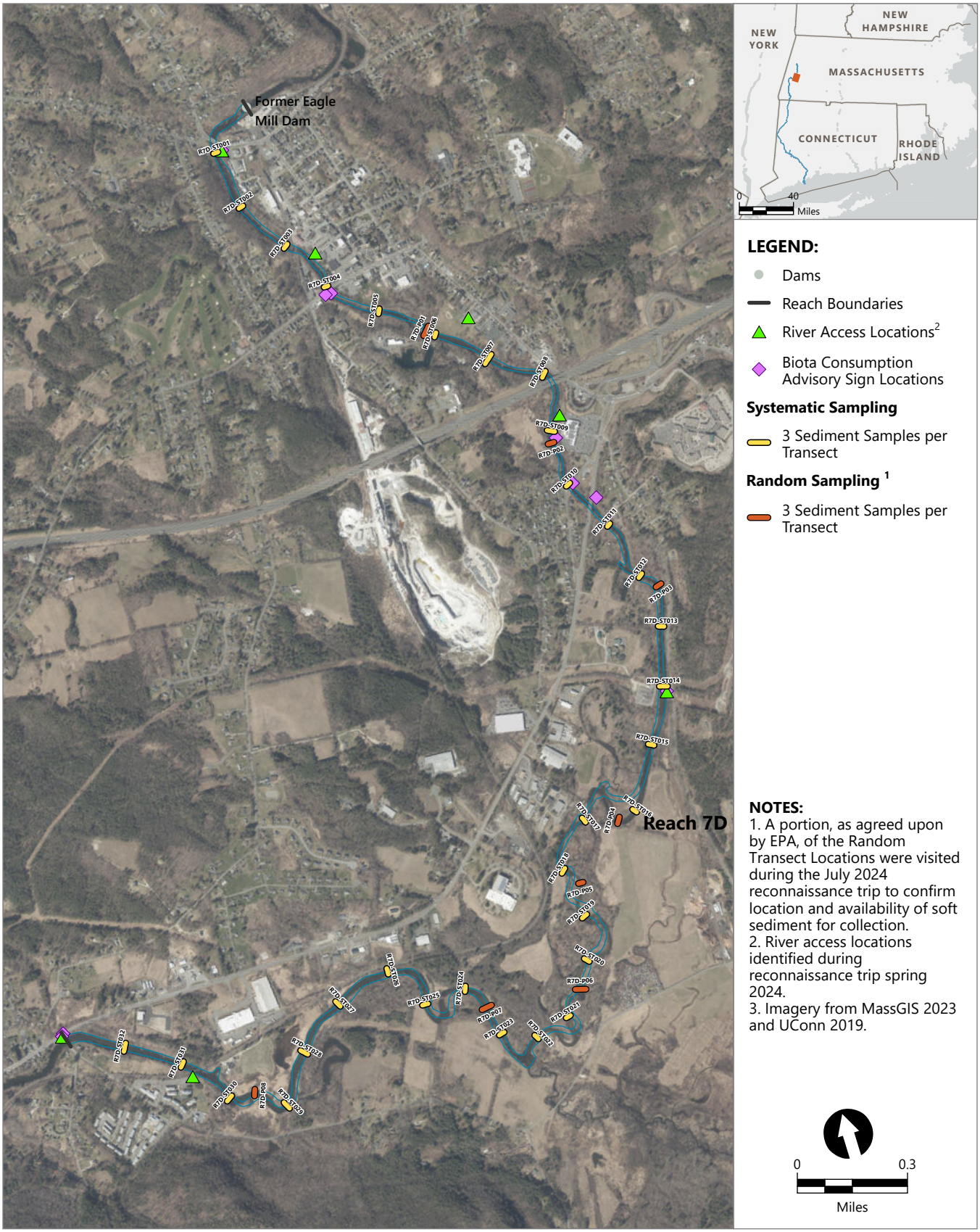
Appendix F
Summary of Findings from Sediment Reconnaissance Effort



Publish Date: 2024/08/07, 2:19 PM | User: dlockwood
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\TargetedTransects\AQ_Revised_BMP.aprx | AQ BMP Fig1 Possible Targeted Transects

ANCHOR QEA

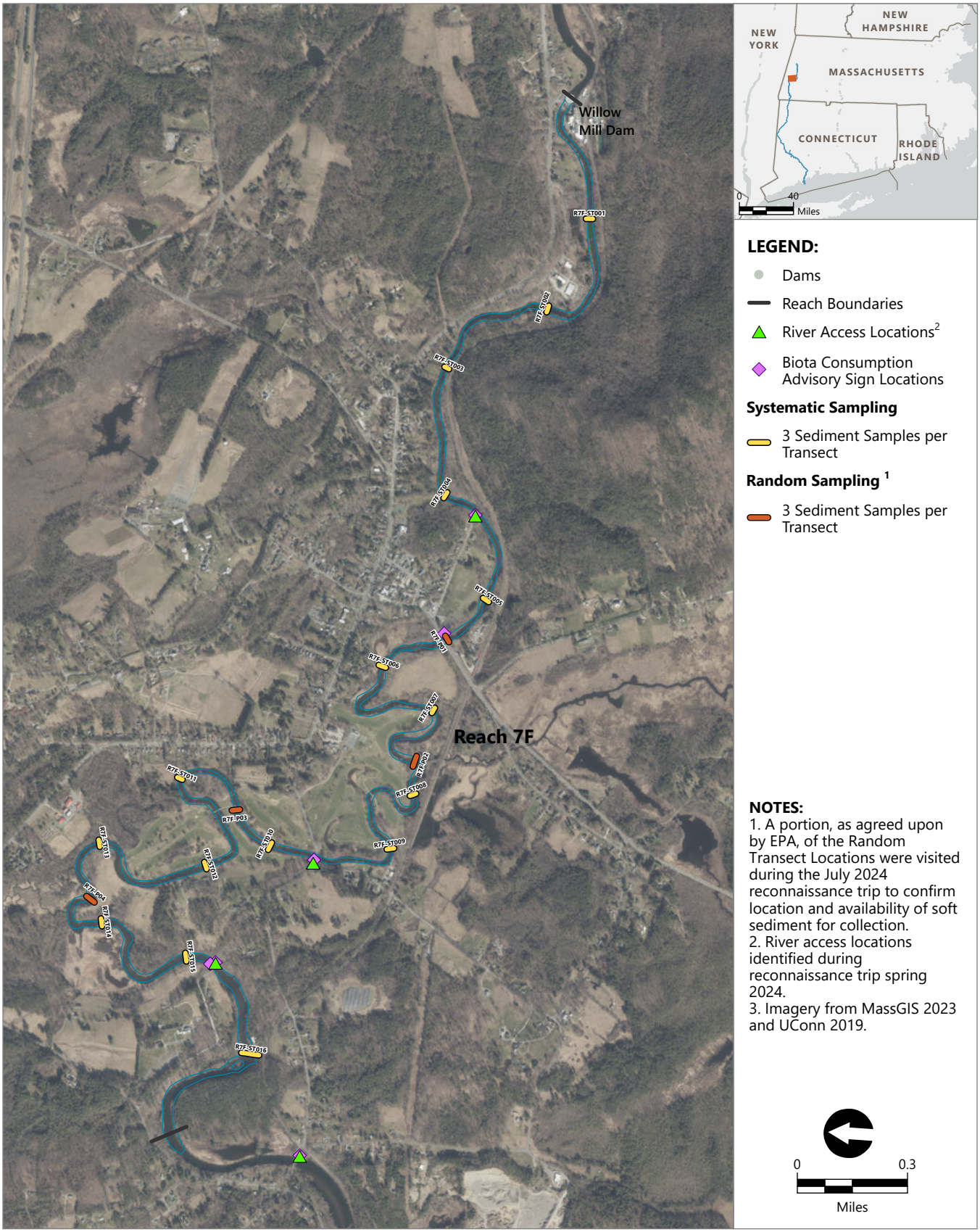
Figure 1-a
Sediment Sampling Locations (Reach 7A)
Baseline Monitoring Plan Field Reconnaissance
Housatonic River – Rest of River



Publish Date: 2024/08/07, 2:19 PM | User: dlockwood
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\TargetedTransects\AQ_Revised_BMP.aprx | AQ BMP Fig1 Possible Targeted Transects

ANCHOR QEA

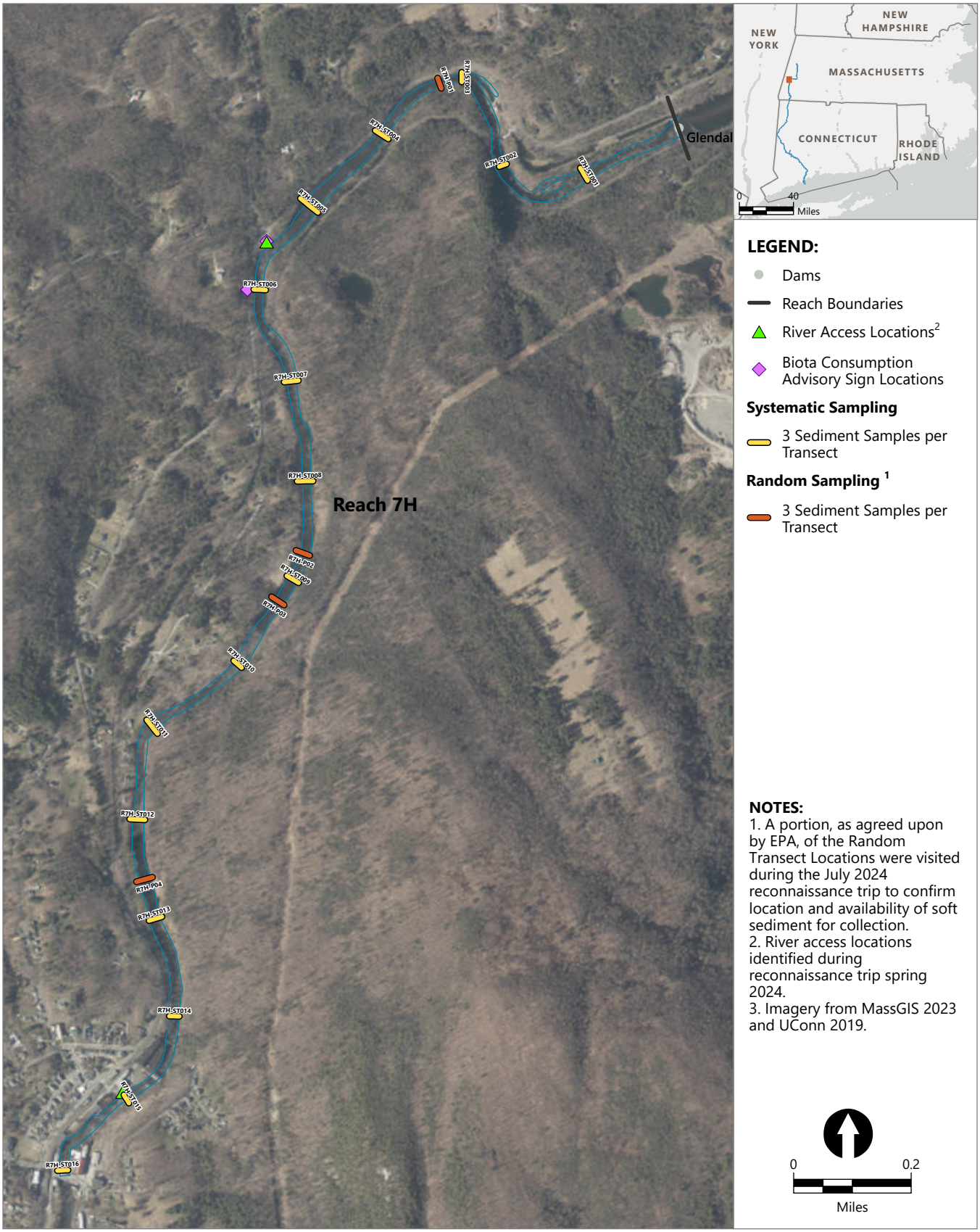
Figure 1-b
Sediment Sampling Locations (Reach 7D)
Baseline Monitoring Plan Field Reconnaissance
Housatonic River – Rest of River



Publish Date: 2024/08/07, 2:19 PM | User: dlockwood
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\TargetedTransects\AQ_Revised_BMP.aprx | AQ BMP Fig1 Possible Targeted Transects

ANCHOR QEA

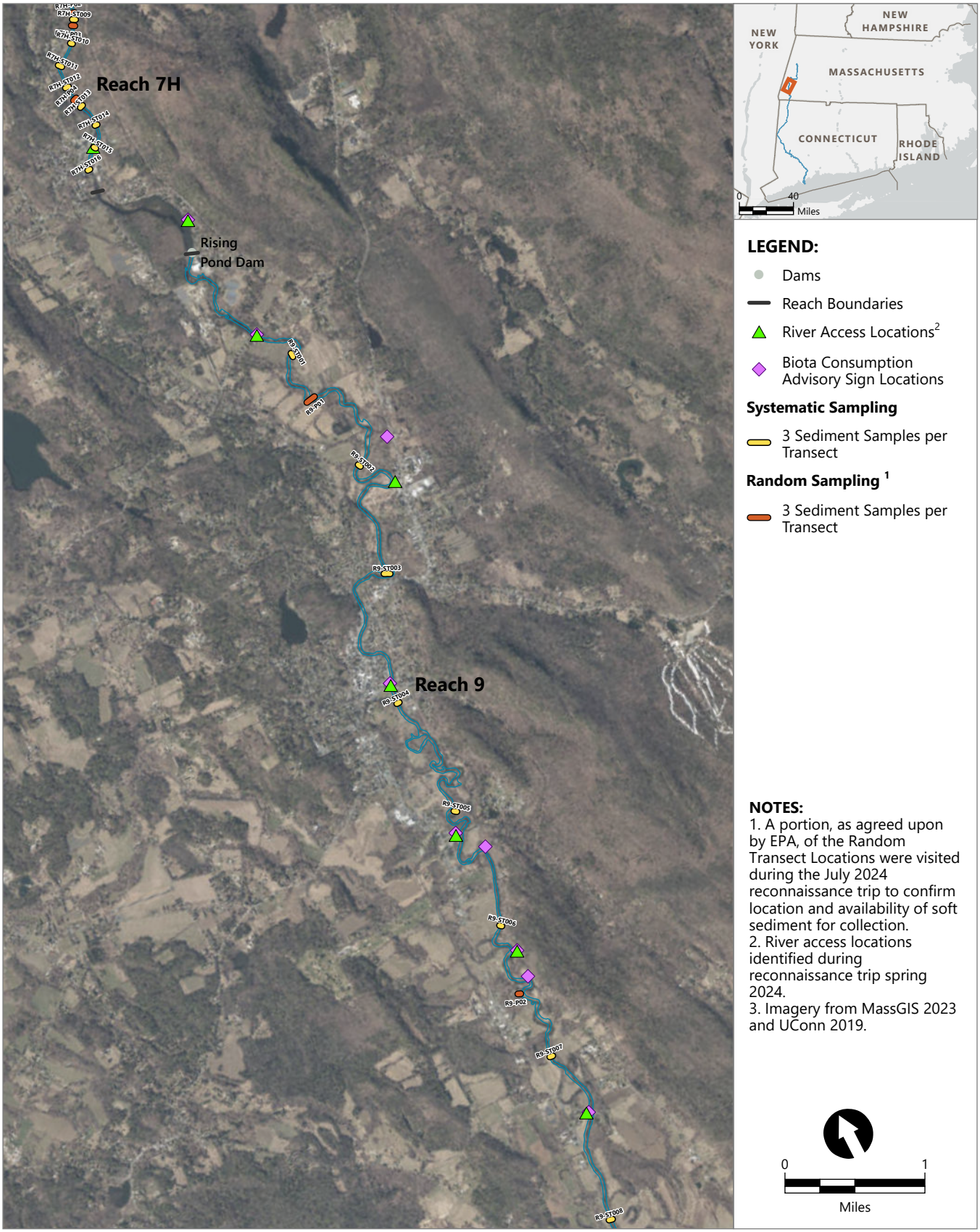
Figure 1-c
Sediment Sampling Locations (Reach 7F)
Baseline Monitoring Plan Field Reconnaissance
Housatonic River – Rest of River



Publish Date: 2024/08/07, 2:19 PM | User: dlockwood
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\TargetedTransects\AQ_Revised_BMP.aprx | AQ BMP Fig1 Possible Targeted Transects

ANCHOR QEA

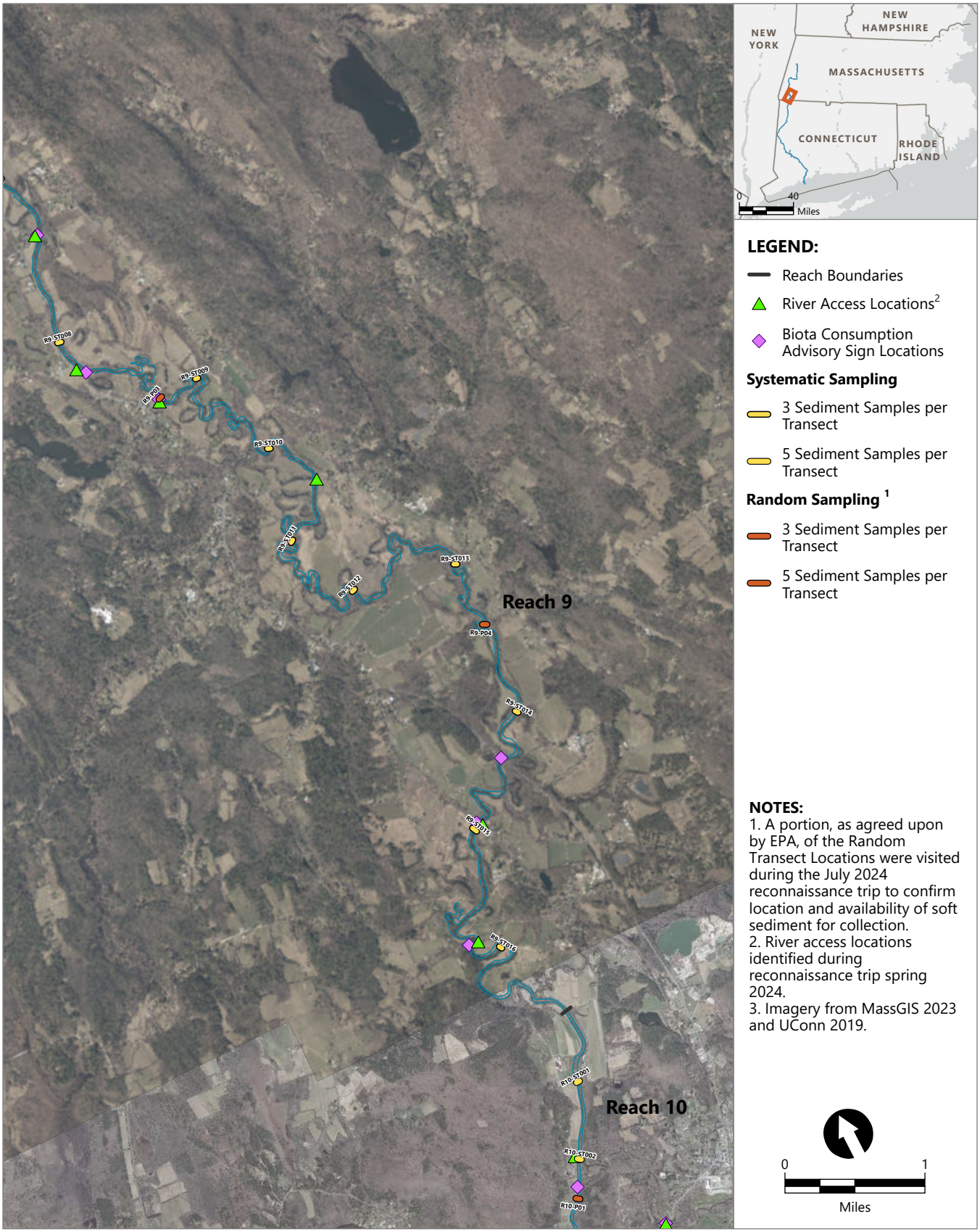
Figure 1-d
Sediment Sampling Locations (Reach 7H)
Baseline Monitoring Plan Field Reconnaissance
Housatonic River – Rest of River



Publish Date: 2024/08/07, 2:19 PM | User: dlockwood
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\TargetedTransects\AQ_Revised_BMP.aprx | AQ BMP Fig1 Possible Targeted Transects

ANCHOR QEA

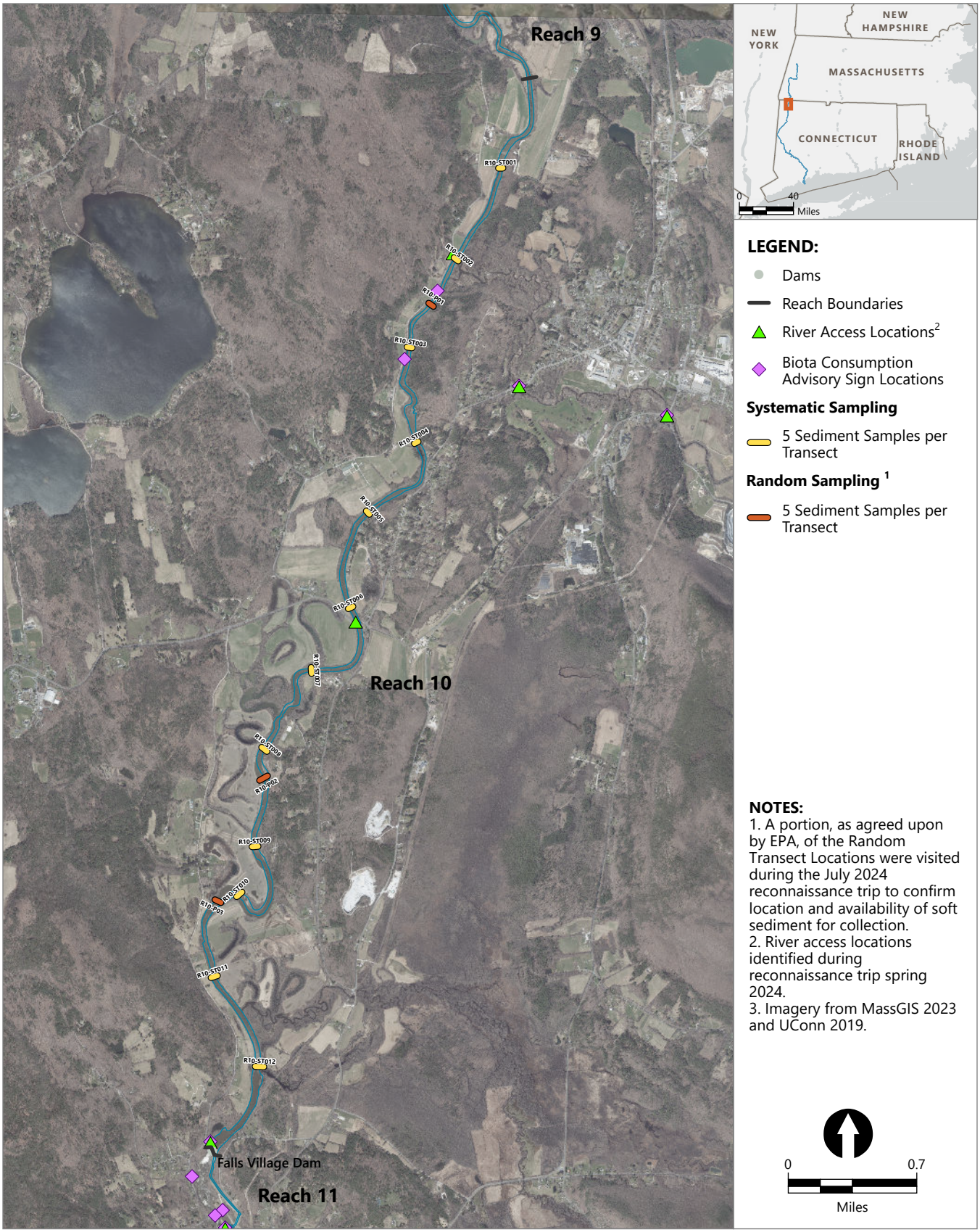
Figure 1-e
Sediment Sampling Locations (Reach 9)
Baseline Monitoring Plan Field Reconnaissance
Housatonic River – Rest of River



Publish Date: 2024/08/07, 2:19 PM | User: dlockwood
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\TargetedTransects\AQ_Revised_BMP.aprx | AQ BMP Fig1 Possible Targeted Transects

ANCHOR QEA

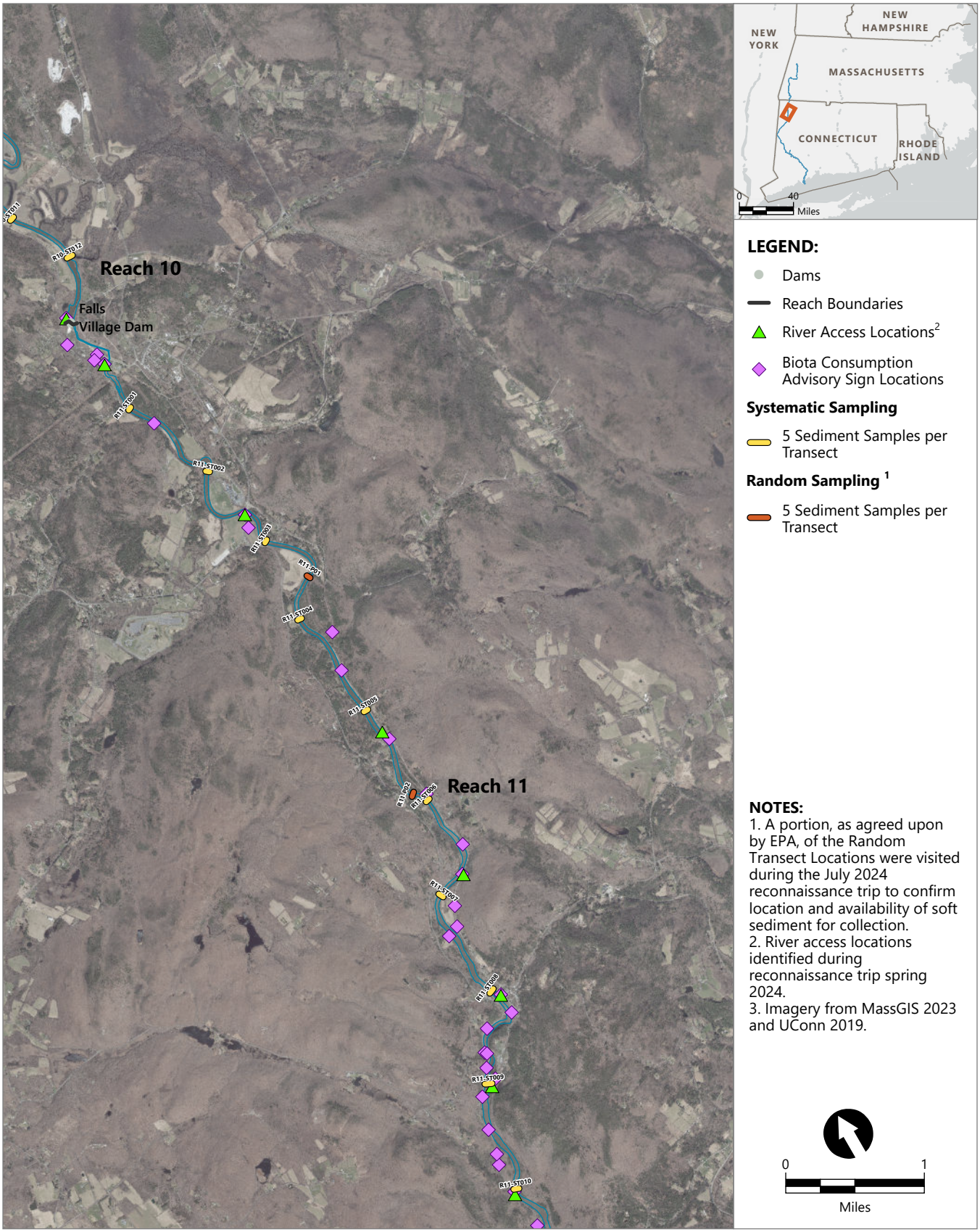
Figure 1-f
Sediment Sampling Locations (Reach 9)
Baseline Monitoring Plan Field Reconnaissance
Housatonic River – Rest of River



Publish Date: 2024/08/07, 2:20 PM | User: dlockwood
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\TargetedTransects\AQ_Revised_BMP.aprx | AQ BMP Fig1 Possible Targeted Transects

ANCHOR QEA

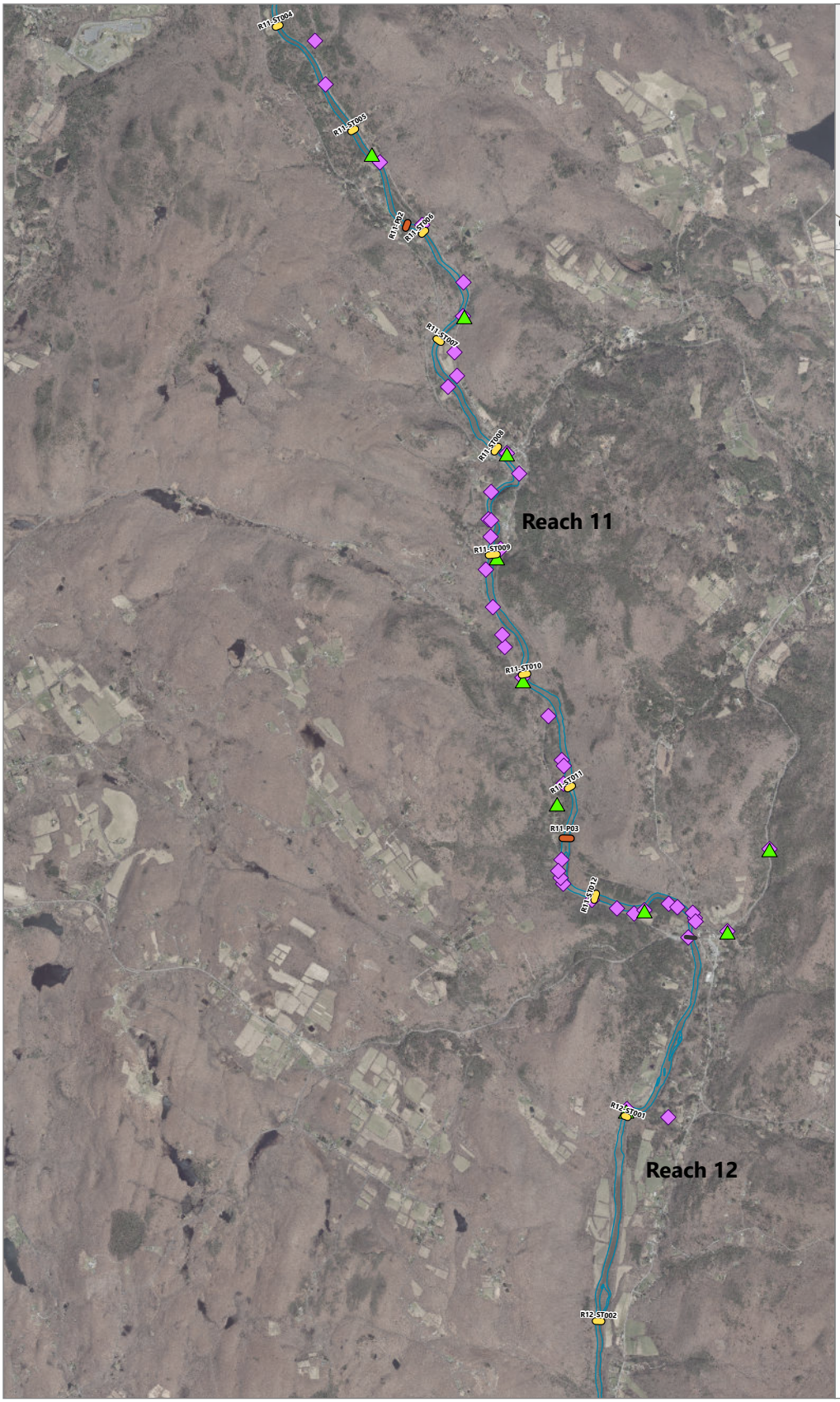
Figure 1-g
Sediment Sampling Locations (Reach 10)
Baseline Monitoring Plan Field Reconnaissance
Housatonic River – Rest of River



Publish Date: 2024/08/07, 2:20 PM | User: dlockwood
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\TargetedTransects\AQ_Revised_BMP.aprx | AQ BMP Fig1 Possible Targeted Transects

ANCHOR QEA

Figure 1-h
Sediment Sampling Locations (Reach 11)
Baseline Monitoring Plan Field Reconnaissance
Housatonic River – Rest of River



LEGEND:

- Reach Boundaries
- River Access Locations[2]
- Biota Consumption Advisory Sign Locations

Systematic Sampling

- 5 Sediment Samples per Transect

Random Sampling [1]

- 5 Sediment Samples per Transect

NOTES:

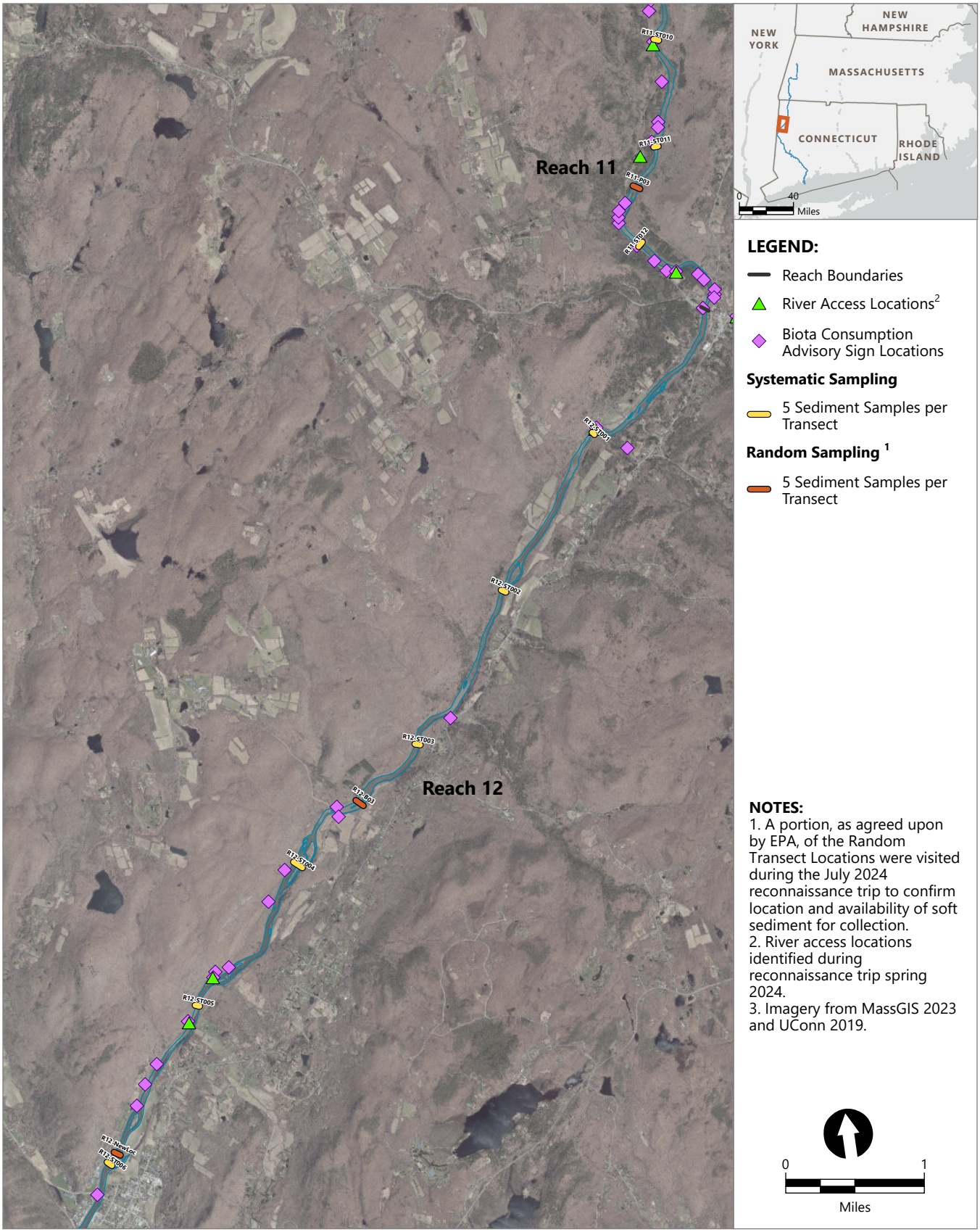
1. A portion, as agreed upon by EPA, of the Random Transect Locations were visited during the July 2024 reconnaissance trip to confirm location and availability of soft sediment for collection.
2. River access locations identified during reconnaissance trip spring 2024.
3. Imagery from MassGIS 2023 and UConn 2019.

0 1
Miles

Publish Date: 2024/08/07, 2:20 PM | User: dlockwood
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\TargetedTransects\AQ_Revised_BMP.aprx | AQ BMP Fig1 Possible Targeted Transects

ANCHOR QEA

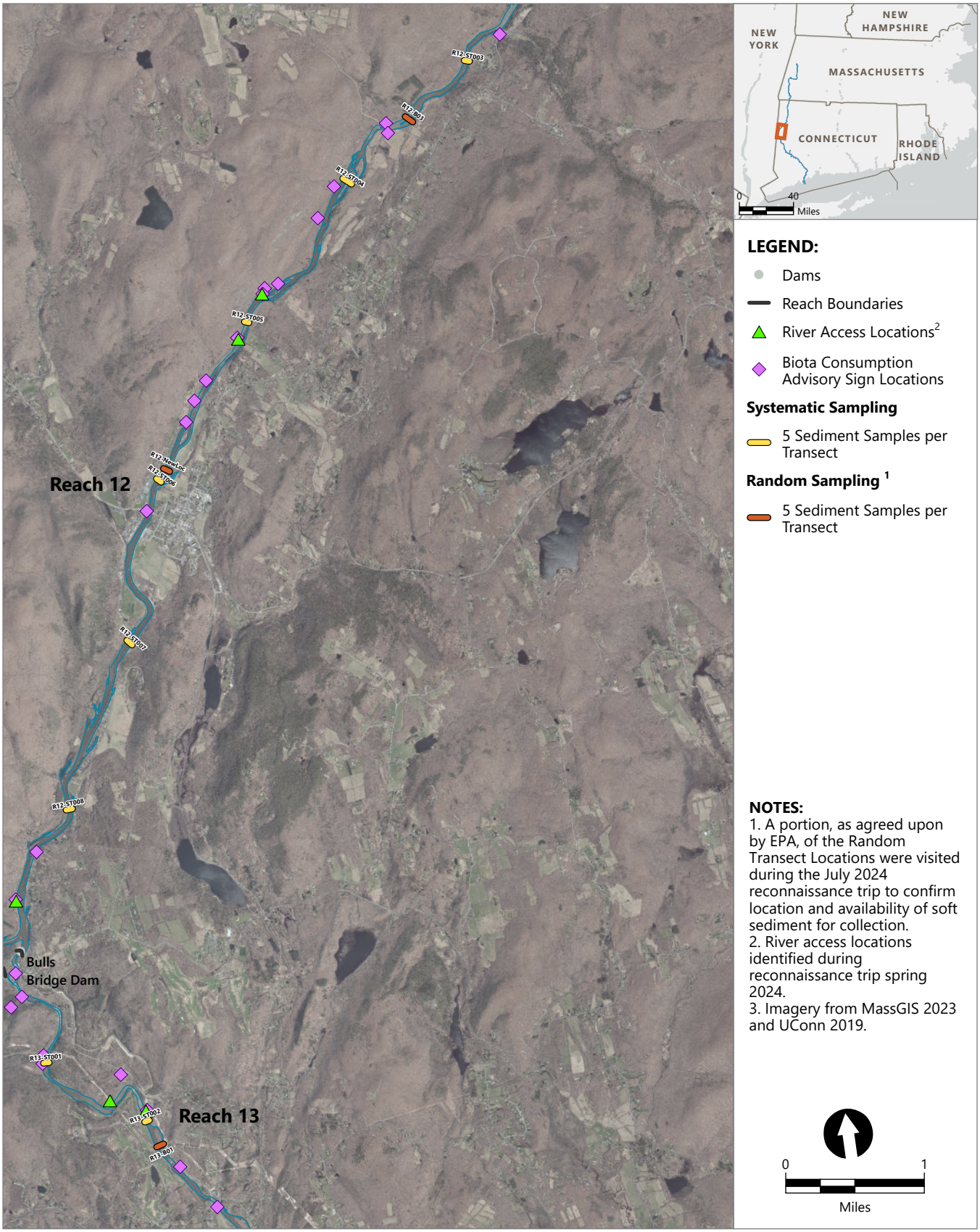
Figure 1-i
Sediment Sampling Locations (Reach 11)
Baseline Monitoring Plan Field Reconnaissance
Housatonic River – Rest of River



Publish Date: 2024/08/07, 2:20 PM | User: dlockwood
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\TargetedTransects\AQ_Revised_BMP.aprx | AQ BMP Fig1 Possible Targeted Transects

ANCHOR QEA

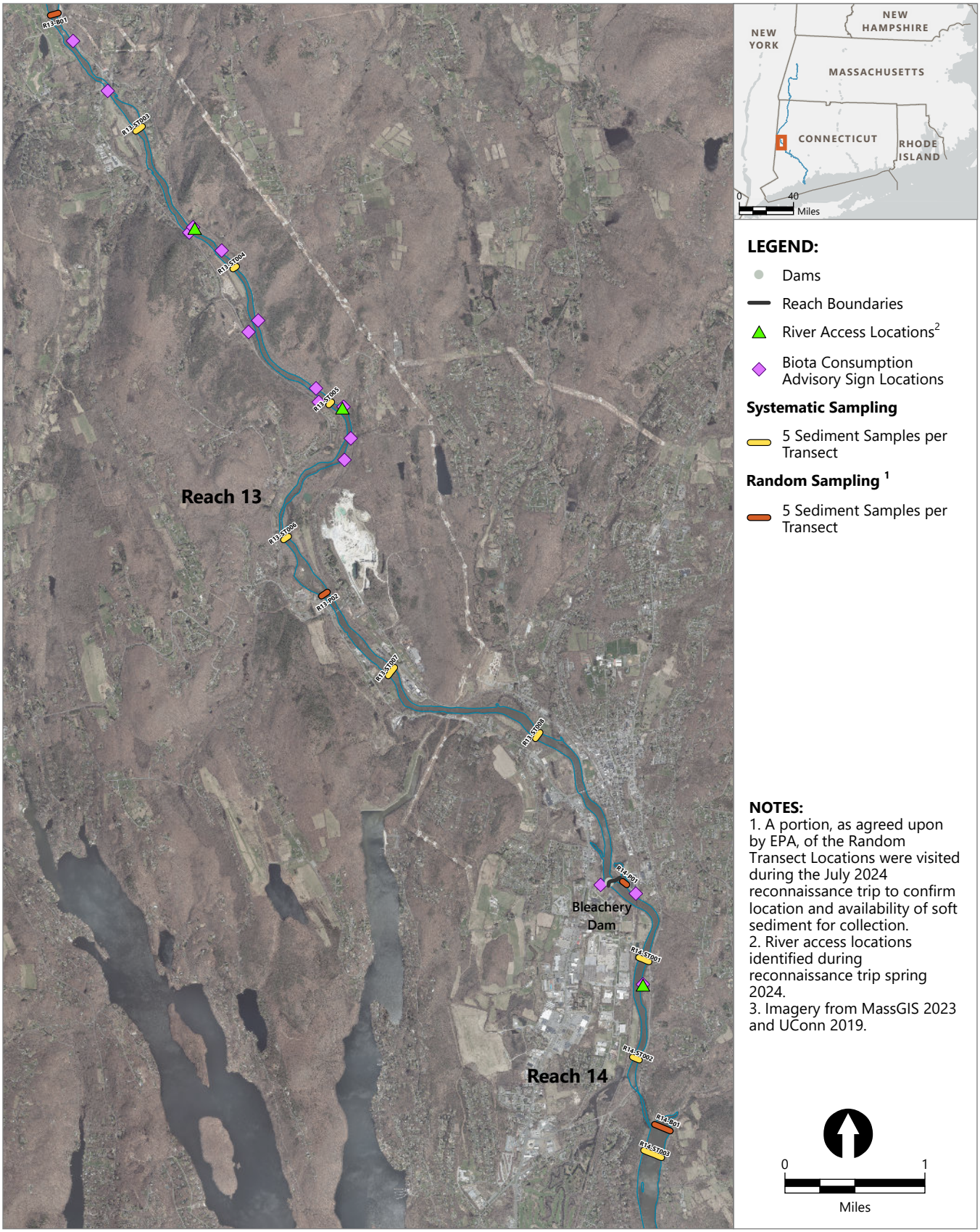
Figure 1-j
Sediment Sampling Locations (Bulls Bridge)
Baseline Monitoring Plan Field Reconnaissance
Housatonic River – Rest of River



Publish Date: 2024/08/07, 2:20 PM | User: dlockwood
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\TargetedTransects\AQ_Revised_BMP.aprx | AQ BMP Fig1 Possible Targeted Transects

ANCHOR QEA

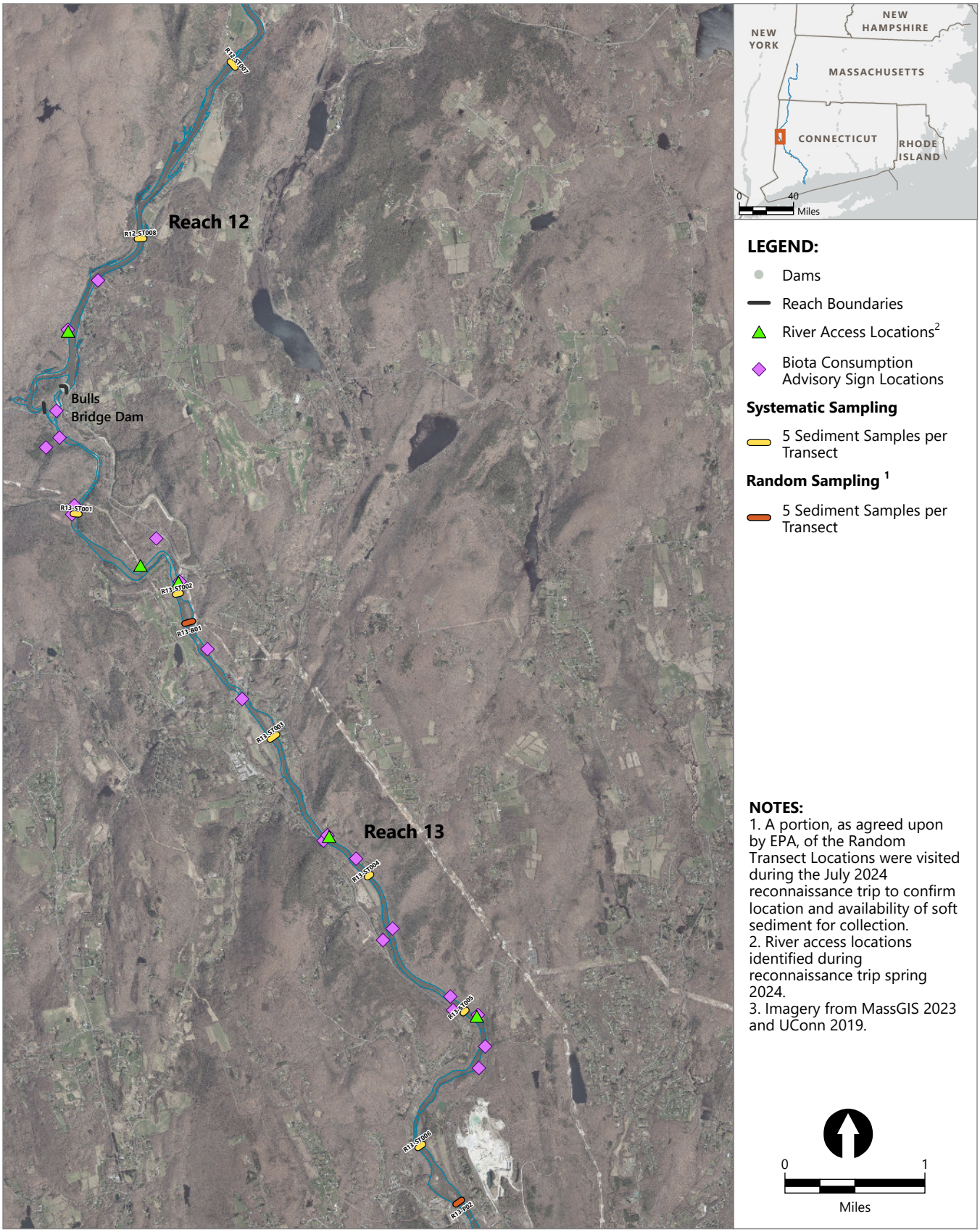
Figure 1-k
Sediment Sampling Locations (Bulls Bridge)
Baseline Monitoring Plan Field Reconnaissance
Housatonic River – Rest of River



Publish Date: 2024/08/07, 2:20 PM | User: dlockwood
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\TargetedTransects\AQ_Revised_BMP.aprx | AQ BMP Fig1 Possible Targeted Transects

ANCHOR QEA

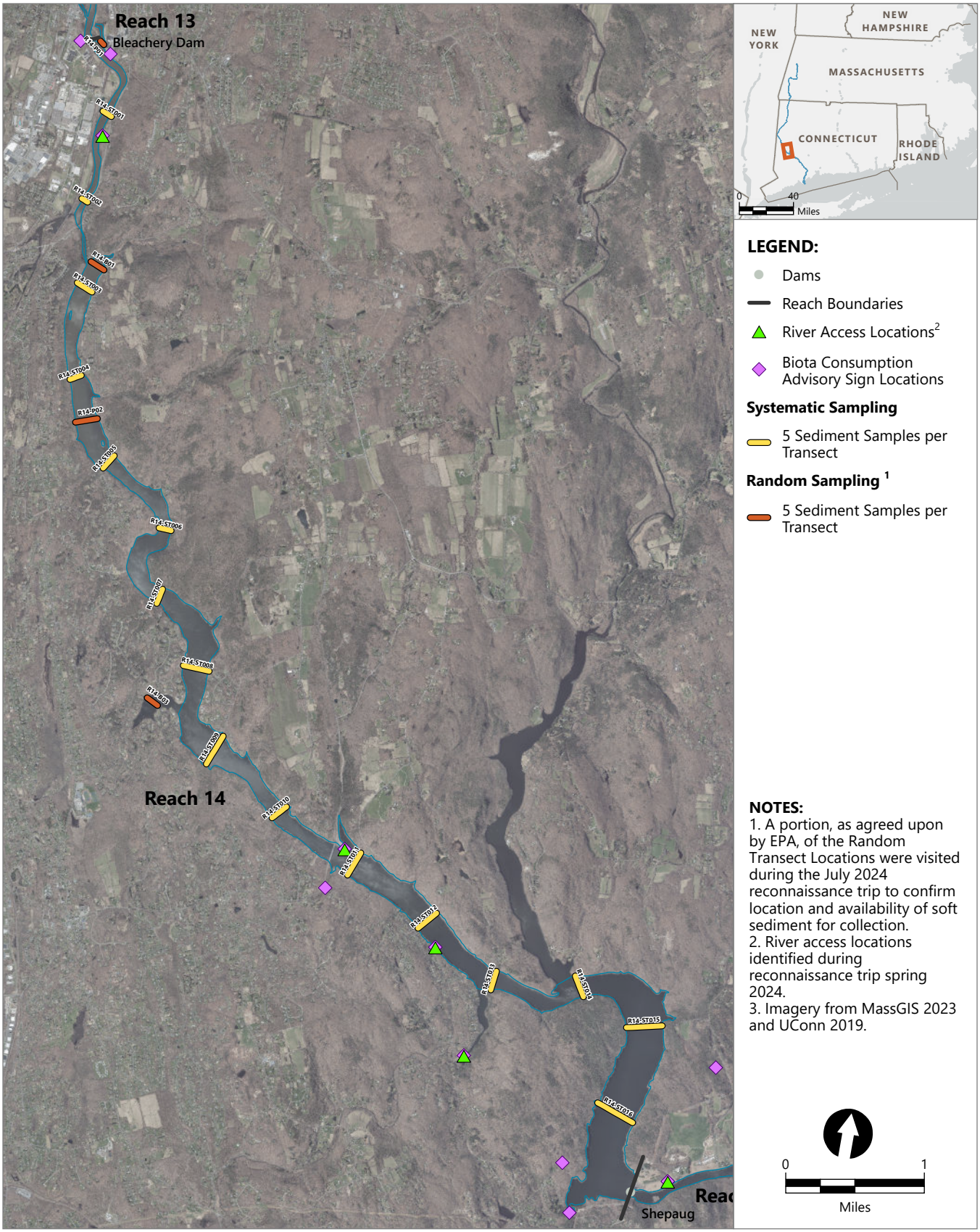
Figure 1-I
Sediment Sampling Locations (Reach 13)
Baseline Monitoring Plan Field Reconnaissance
Housatonic River – Rest of River



Publish Date: 2024/08/07, 2:20 PM | User: dlockwood
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\TargetedTransects\AQ_Revised_BMP.aprx | AQ BMP Fig1 Possible Targeted Transects

ANCHOR QEA

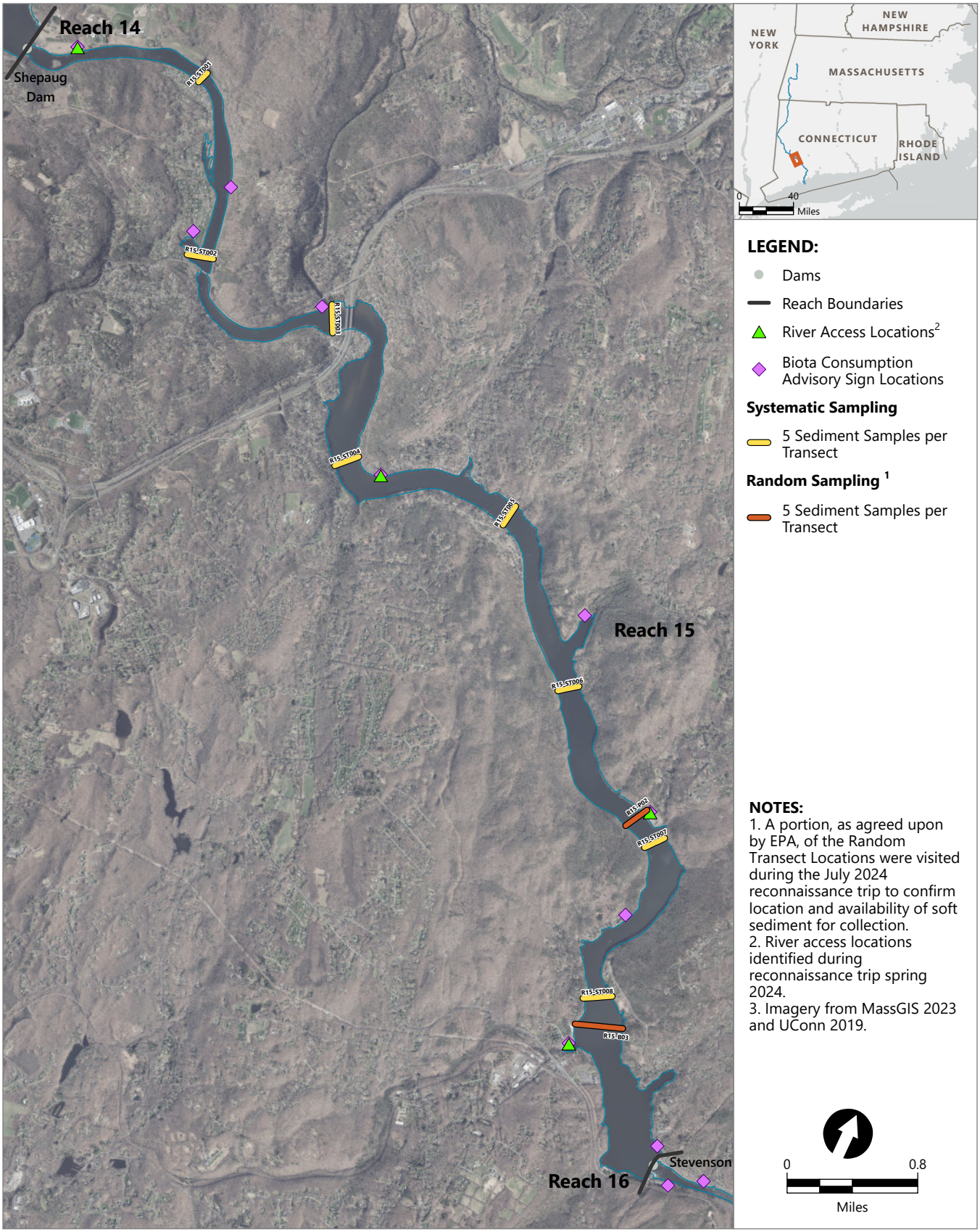
Figure 1-m
Sediment Sampling Locations (Reach 13)
Baseline Monitoring Plan Field Reconnaissance
Housatonic River – Rest of River



Publish Date: 2024/08/07, 2:20 PM | User: dlockwood
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\TargetedTransects\AQ_Revised_BMP.aprx | AQ BMP Fig1 Possible Targeted Transects

ANCHOR QEA

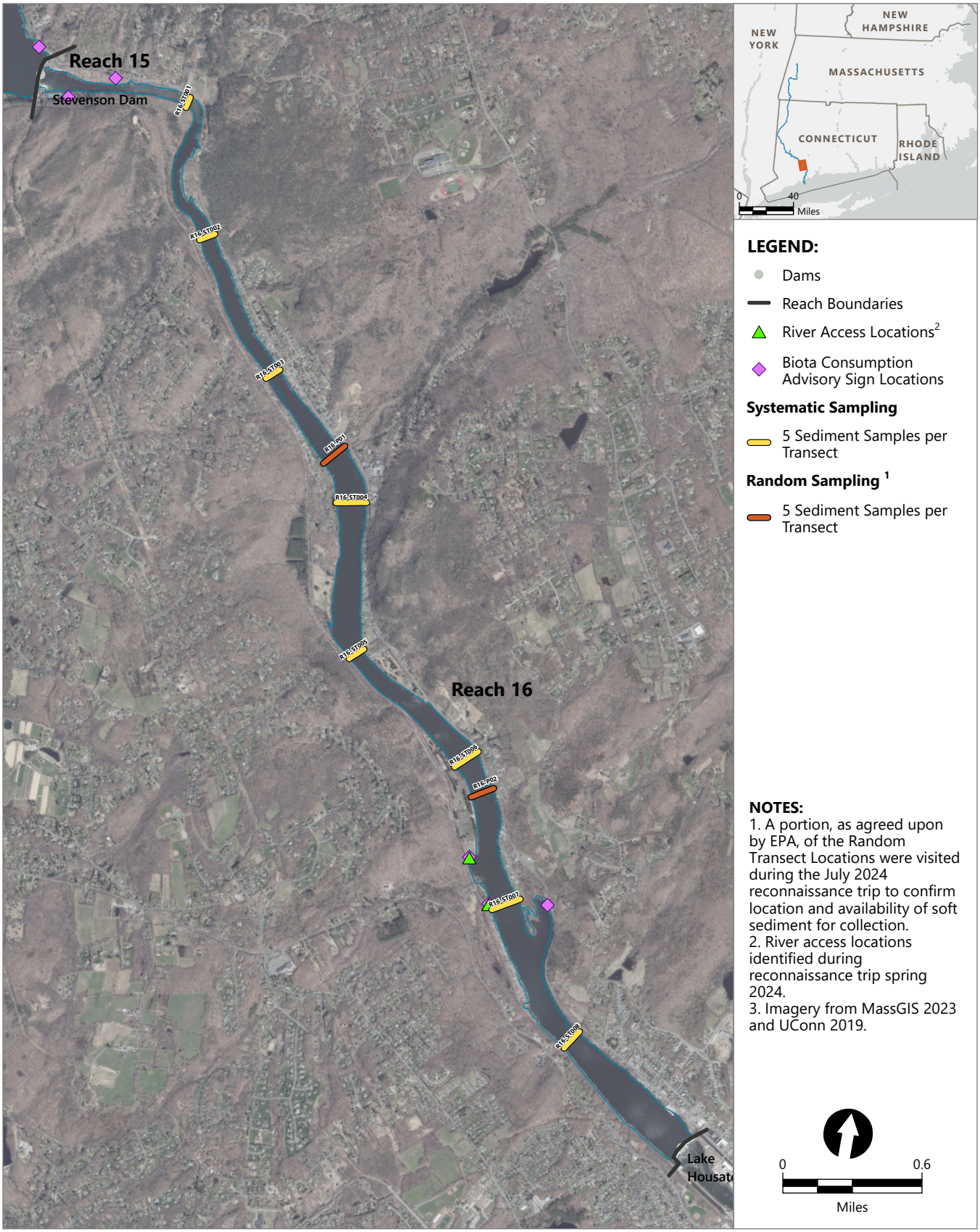
Figure 1-n
Sediment Sampling Locations (Lake Lillinonah)
Baseline Monitoring Plan Field Reconnaissance
Housatonic River – Rest of River



Publish Date: 2024/08/07, 2:20 PM | User: dlockwood
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\TargetedTransects\AQ_Revised_BMP.aprx | AQ BMP Fig1 Possible Targeted Transects

ANCHOR QEA

Figure 1-o
Sediment Sampling Locations (Lake Zoar)
Baseline Monitoring Plan Field Reconnaissance
Housatonic River – Rest of River



Publish Date: 2024/08/07, 2:20 PM | User: dlockwood
Filepath: \\gstfile01\gis\Jobs\GE_0469\HousatonicRiver\Maps\Reports\BMP\TargetedTransects\AQ_Revised_BMP.aprx | AQ BMP Fig1 Possible Targeted Transects

ANCHOR QEA

Figure 1-p
Sediment Sampling Locations (Lake Houstonic)
Baseline Monitoring Plan Field Reconnaissance
Housatonic River – Rest of River

Sediment Sampling Locations

Reach	Random Transect ID	Primary or Backup	Selected for Final Sampling Transect?	Probe Penetration Depth	Water Depth	Substrate Type	Recon Access Type	Notes
7A	P01	Primary	No	—	3'	Cobble, rock, little to no fine sediment	Boat	—
7A	P02	Primary	No	2-3"	2'	Cobble, gravel, rock, little fine sediment between rocks	Boat	Check to relocate ~100' downstream (the substrate type for the location 100' downstream is fine sediment between cobbles)
7A	B01	Backup	Yes	6" on east side, 2-3" in middle	3' in middle	Coarse sand, gravel, cobble	Boat	Potentially two sampling points, gravel/sand bar on east side and cobble on west side
7A	B02	Backup	Yes	6" on east side, 1-2" in middle	4-5'	Coarse sand, gravel, cobble	Boat	Potentially two sampling points, coarse sand/gravel bar on east side and cobble on west side
7A	P03	Primary	Yes	—	3-4'	Coarse sand, gravel, cobble	Boat	Potentially two sampling points, coarse sand/gravel on edges and cobble in middle
7A	P04	Primary	Yes	—	—	Silt, fine sand	Boat	Potentially two sampling points, silt and fine sand on west bank extending out to middle
7A	B03	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
7D	B01	Backup	No	N/A	N/A	No sediment, cobbles, gravel, rock	Shoreline	Low clear water—able to visually recon from bank
7D	B02	Backup	No	N/A	N/A	Cobbles, gravel, no sediment	Shoreline	Low clear water—able to visually recon from bank
7D	P01	Primary	Yes	6"	—	Medium/coarse sand, gravel, and cobbles	Wading	Potentially two sampling points, sediment was probed on the southern tip of the island behind the ballfield off Route 7, cobbles and gravel in west channel
7D	B03	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
7D	P02	Primary	Yes	N/A	N/A	N/A	N/A	Did not visit this location during recon
7D	B04	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
7D	B05	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
7D	P03	Primary	Yes	N/A	N/A	N/A	N/A	Did not visit this location during recon
7D	P04	Primary	Yes	N/A	N/A	N/A	N/A	Did not visit this location during recon
7D	P05	Primary	Yes	N/A	N/A	N/A	N/A	Did not visit this location during recon
7D	B06	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
7D	P06	Primary	Yes	N/A	N/A	N/A	N/A	Did not visit this location during recon
7D	P07	Primary	Yes	N/A	N/A	N/A	N/A	Did not visit this location during recon
7D	B07	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
7D	P08	Primary	Yes	N/A	N/A	N/A	N/A	Did not visit this location during recon
7F	P01	Primary	Yes	N/A	N/A	N/A	N/A	Did not visit this location during recon
7F	P02	Primary	Yes	N/A	N/A	N/A	N/A	Did not visit this location during recon
7F	B01	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
7F	P03	Primary	Yes	N/A	N/A	N/A	N/A	Did not visit this location during recon

Sediment Sampling Locations

Reach	Random Transect ID	Primary or Backup	Selected for Final Sampling Transect?	Probe Penetration Depth	Water Depth	Substrate Type	Recon Access Type	Notes
7F	B02	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
7F	B03	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
7F	P04	Primary	Yes	N/A	N/A	N/A	N/A	Did not visit this location during recon
7F	B04	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
7H	P01	Primary	Yes	2'	—	Fine sand, medium sand, cobble, gravel	Wading	Potentially two sampling locations, fine to medium sand on the east bank, cobble and gravel as you move toward the middle (1-2" pockets of fine sand present). Water too deep to probe on road side (west side)
7H	P02	Primary	Yes	2"	1' to the west, 2' in the middle, 2.5' to the west	Coarse sand, gravel	Boat	—
7H	P03	Primary	Yes	8" to the west, 2" in the middle, 2" to the east	1' to the west, 4' in the middle, 2.5' to the east	Coarse sand, gravel	Boat	—
7H	P04	Primary	Yes	2"	8" to the west, 20" in the middle, 8" to the east	Coarse sand, gravel	Boat	—
9	B01	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
9	P01	Primary	Yes	N/A	N/A	N/A	N/A	Did not visit this location during recon
9	B02	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
9	B03	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
9	B04	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
9	B05	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
9	B06	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
9	B07	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
9	B08	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
9	B09	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
9	P02	Primary	Yes	N/A	N/A	N/A	N/A	Did not visit this location during recon
9	B10	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
9	P03	Primary	Yes	N/A	N/A	N/A	N/A	Did not visit this location during recon
9	B11	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
9	P04	Primary	Yes	N/A	N/A	N/A	N/A	Did not visit this location during recon
10	P01	Primary	Yes	N/A	N/A	Fine sediment	Shoreline	Minimal flow, fine sediment observed on banks and nearshore areas, good sampling target
10	B01	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
10	P02	Primary	Yes	2' to the west and 4' to the east	2'	Fine sediment	Boat	18"-2' of fine sediment in the west, too deep to probe in the middle, 4' fine sediment in the east

Sediment Sampling Locations

Reach	Random Transect ID	Primary or Backup	Selected for Final Sampling Transect?	Probe Penetration Depth	Water Depth	Substrate Type	Recon Access Type	Notes
10	P03	Primary	Yes	36" to the east, no probing in the middle, 36" to the west	1' to the west and to the east	Fine sediment	Boat	—
10	B02	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
11	P01	Primary	No	24" to the west, 1" in the middle	1' to the west, 5' in the middle, 2' to the east	Fine sand, silt, coarse sand, gravel, cobbles	Boat	Potentially one sampling point, fine sand and silt to the west, coarse sand/gravel/cobbles in the middle, no probing in the east due to hard bottom
			Yes	36" to the west, no probing in the middle, 18" to the east	2' to the east and west	Fine sediment		Relocated ~200' downstream of first sampling location, too deep to probe in the middle, fine sand in the east and west
11	P02	Primary	Yes	12" to the west, no probing in the middle, 8" to the east	3' to the west and 1' to the east	Coarse sand, gravel, silt, fine/medium sand	Boat	Too deep to probe in the middle
11	P03	Primary	Yes	2" to the west, 3" in the middle, and 3" to the east	2' to the west, 12-18" in the middle, 2' to the east	Coarse sand/gravel, cobble, fine sand	Wading	Coarse sand/gravel and fine sand to the west, mostly cobble and gravel, with little fine sand in the middle, fine sand/gravel and cobble to the east
12	B01	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
12	P01	Primary	No	1"	1'	Cobble, gravel, traces of coarse sand	Boat	—
12	B02	Backup	No	1"	1'	Cobble, boulders, little coarse sand/gravel	Boat	—
12	P02	Primary	No	6" to the east, 1-2" in the middle	6-12" in the east, 6" in the middle	Fine sediment, coarse sand and gravel, some cobble	Boat	Potentially 1-2 sampling points on transect. Fine sediment with narrow deposits of sediment in the east, coarse sediment and gravel, with some cobble in the middle, no sediment in the west
12	B03	Backup	Yes	6-8" to the west and in the middle, 0.5" to the east	6" to west	Fine sand and silt, some gravel, coarse sand, cobble	Boat	Sediment deposit below island, middle (fine sand and silt), west (coarse sand, some silt, little gravel), east (cobble with trace coarse sand), no water depth recorded to the east and in the middle
12	NewLoc	New Location	Yes	6-12"	—	Sand, silt and some cobble	Wading	New location in R12 just upstream of the Kent School and near a back channel area (to the east), 6-12" of soft sediment
13	B01	Backup	Yes	3-4" to the west, 1-2" in the middle, 3" to the east	4' to the west, 3" to the east	Coarse sand/gravel, fine sand	Boat	Potentially 2 or 3 sampling points, no water depth recorded in the middle
13	P01	Primary	No	N/A	N/A	Cobble, gravel	Shoreline	Observed from shore - low water
13	P02	Primary	Yes	2" to the west, 6" in the middle, 3" to the east	3' to the west, 5' in the middle, 1' to the east	Fine sand, coarse sand/gravel, cobble	Boat	Middle (fine sand), east (coarse sand and gravel), west (coarse sand/gravel among cobble)
13	B02	Backup	No	3" to the west, 1-2" in the middle, 3" to the east	3' to the west, 5' in the middle, 4' to the east	Fine sand, coarse sand/gravel, cobble	Boat	West (fine sand), middle (coarse sand and gravel), east (coarse sand, gravel, and cobble)

Sediment Sampling Locations

Reach	Random Transect ID	Primary or Backup	Selected for Final Sampling Transect?	Probe Penetration Depth	Water Depth	Substrate Type	Recon Access Type	Notes
13	B03	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
14	P01	Primary	Yes	N/A	N/A	—	Shoreline	Observed from West Cove Marina shoreline. Vegetation and slow moving waters indicative of depositional environment.
14	B01	Backup	Yes	N/A	N/A	—	Shoreline	Observed from Lovers Leap State Park, slow moving waters with vegetation observed indicative of depositional environment.
14	B02	Backup	No	N/A	N/A	—	Shoreline	Observed B01 from Lovers Leap observation point. More vegetation with slow moving waters.
14	P02	Primary	Yes	N/A	N/A	—	Shoreline	Slackwater/vegetation, indicative of depositional environment
14	P03	Primary	No	—	—	—	—	Could not access from back due to private residence
14	B03	Backup	Yes	N/A	N/A	Sandy	Shoreline	Sand sediment observed from the shoreline with calm water conditions
14	P04	Primary	No	—	—	—	—	Not accessible for shoreline recon
15	P01	Primary	No	N/A	N/A	Coarse sand, gravel	Shoreline	Observed from eastern shoreline, coarse sand/gravel near shore, vegetation observed on the western shoreline
15	B01	Backup	No	N/A	N/A	Fine sand/silt	Shoreline	Observed from I-84 bridge—could see soft sediment present
15	B02	Backup	No	N/A	N/A	N/A	N/A	Did not visit this location during recon
15	P02	Primary	Yes	N/A	N/A	Fine sand/silt	Shoreline	Observed soft sediment and vegetation from the shoreline beach
15	B03	Backup	Yes	N/A	N/A	Soft sediment	Shoreline	Observed soft sediment from marina shoreline, calm body of water
16	B01	Backup	No	—	—	—	—	Not able to access location from shoreline
16	P01	Primary	Yes	N/A	N/A	Sandy sediment	Shoreline	Observed sandy sediment from outside Housatonic House Restaurant on east shoreline
16	P02	Primary	Yes	N/A	N/A	Soft sandy sediment	Shoreline	Observed soft sandy sediment from Indian Well State Park Beach
16	B02	Backup	No	N/A	N/A	Soft sediment with sands and silts	Shoreline	Observed soft sandy sediment with vegetation from the east bank, vegetation

Notes:

Reconnaissance completed July 22, 2024, through July 25, 2024

: Dark shading represents transects that have been screened out of final selection

N/A: not applicable

Appendix G
Analytical Data Summary Tables (Surface Sediment)

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R7A-RT001-COMP R7A-RT001-COMP-241008-00-0.2 10/8/2024 0 - 0.2 ft N SE	R7A-RT002-COMP R7A-RT002-COMP-241009-00-0.25 10/9/2024 0 - 0.25 ft N SE	R7A-RT003-COMP R7A-RT003-COMP-241009-00-0.3 10/9/2024 0 - 0.3 ft N SE	R7A-RT003-COMP R7A-RT003-COMP-BD0001 10/9/2024 0 - 0.3 ft FD SE	R7A-RT004-COMP R7A-RT004-COMP-241010-00-0.5 10/10/2024 0 - 0.5 ft N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.685 J**	**0.962 J**	**19.3 J**	**0.678 J**	**1.21 J**
Total solids	SM2540D		**80.3**	**67.2**	**76.5**	**82.3**	**66.3**
Grain Size (pct)							
Gravel	D422		**22.3**	**23.0**	**20.7 J**	**35.6 J**	**2.6**
Percent passing (hydrometer 1)	D422		**5.0**	**5.0**	**3.3**	**3.0**	**7.0**
Percent passing (hydrometer 2)	D422		**2.0**	**2.0**	**2.0**	**2.0**	**4.0**
Percent passing (hydrometer 3)	D422		**1.0**	**1.0**	**1.0**	**1.0**	**1.0**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**85.2**	**85.6**	**92.3**	**79.7**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**93.1**	**94.6**	**100**	**92.0**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**9.6**	**11.1**	**12.3 J**	**7.0 J**	**17.2**
Percent passing 2000 micron sieve (#10)	D422		**57.8**	**53.1**	**55.0**	**47.6**	**91.5**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**77.7**	**77.0**	**79.3**	**64.4**	**97.4**
Percent passing 50 micron sieve	D422		**21.6**	**21.2**	**23.5**	**17.5**	**36.6**
Percent passing 75 micron sieve (#200)	D422		**6.6**	**6.9**	**6.8 J**	**3.4 J**	**8.4**
Percent passing 8.0 micron	D422		**68.3**	**66.9**	**67.0**	**54.9**	**94.1**
Percent retained 16K micron sieve	D422		**50.5**	**46.5**	**48.7**	**41.1**	**79.9**
Percent retained 30 micron sieve	D422		**37.7**	**33.2**	**36.6**	**29.1**	**57.7**
Sand	D422		**71.1**	**70.2**	**72.5**	**61.0**	**59.0**
Silt	D422		**6.6**	**6.9**	**6.8 J**	**3.4 J**	**8.4**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.024 U	0.029 U	0.025 U	0.022 U	0.030 U
Aroclor 1221	SW8082A		0.024 U	0.029 U	0.025 U	0.022 U	0.030 U
Aroclor 1232	SW8082A		0.024 U	0.029 U	0.025 U	0.022 U	0.030 U
Aroclor 1242	SW8082A		0.024 U	0.029 U	0.025 U	0.022 U	0.030 U
Aroclor 1248	SW8082A		0.024 U	0.029 U	0.025 U	0.022 U	0.030 U
Aroclor 1254	SW8082A		0.024 U	0.029 U	0.025 U	0.022 U	0.030 U
Aroclor 1260	SW8082A		**0.0664 J**	**0.179 J**	**0.104**	**0.0557**	**0.188**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0664 J**	**0.179 J**	**0.104**	**0.0557**	**0.188**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R7A-ST001-COMP R7A-ST001-COMP-241007-00-0.25 10/7/2024 0 - 0.25 ft N SE	R7A-ST005-COMP R7A-ST005-COMP-241008-00-0.42 10/8/2024 0 - 0.42 ft N SE	R7A-ST006-COMP R7A-ST006-COMP-241008-00-0.3 10/8/2024 0 - 0.3 ft N SE	R7A-ST007-COMP R7A-ST007-COMP-241008-00-0.3 10/8/2024 0 - 0.3 ft N SE	R7A-ST009-COMP R7A-ST009-COMP-241008-00-0.25 10/8/2024 0 - 0.25 ft N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.204 J**	**0.199 J**	**0.311 J**	**0.107 J**	**0.96 J**
Total solids	SM2540D		**77.3**	**76.5**	**77.2**	**90.9**	**81.0**
Grain Size (pct)							
Gravel	D422		**0.97**	**40.1**	**20.3**	**21.9**	**16.2**
Percent passing (hydrometer 1)	D422		**4.0**	**1.5**	**2.2**	**1.6**	**1.4**
Percent passing (hydrometer 2)	D422		**2.7**	**0.91**	**1.3**	**1.6**	**1.4**
Percent passing (hydrometer 3)	D422		**1.0**	**0.30**	**0.44**	**0.54**	**0.48**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**100**	**73.8**	**90.0**	**84.1**	**95.9**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**88.8**	**96.1**	**93.7**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**17.4**	**5.0**	**3.6**	**3.3**	**3.2**
Percent passing 2000 micron sieve (#10)	D422		**95.1**	**25.4**	**49.0**	**57.0**	**51.8**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**99.0**	**59.9**	**79.7**	**78.1**	**83.8**
Percent passing 50 micron sieve	D422		**34.9**	**10.4**	**6.9 J**	**5.8**	**5.2**
Percent passing 75 micron sieve (#200)	D422		**8.5**	**2.9**	**2.7**	**2.2**	**2.1**
Percent passing 8.0 micron	D422		**96.9**	**43.4**	**63.3**	**68.5**	**68.9**
Percent retained 16K micron sieve	D422		**83.0**	**20.8**	**34.6**	**28.9**	**27.3**
Percent retained 30 micron sieve	D422		**62.2**	**16.2**	**17.0**	**12.6**	**12.4**
Sand	D422		**90.6**	**60.0**	**76.9**	**75.9**	**81.7**
Silt	D422		**8.5**	**2.9**	**2.7**	**2.2**	**2.1**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.024 U	0.024 U	0.024 U	0.020 U	0.023 U
Aroclor 1221	SW8082A		0.024 U	0.024 U	0.024 U	0.020 U	0.023 U
Aroclor 1232	SW8082A		0.024 U	0.024 U	0.024 U	0.020 U	0.023 U
Aroclor 1242	SW8082A		0.024 U	0.024 U	0.024 U	0.020 U	0.023 U
Aroclor 1248	SW8082A		0.024 U	0.024 U	0.024 U	0.020 U	0.023 U
Aroclor 1254	SW8082A		0.024 U	0.024 U	0.024 U	0.020 U	0.023 U
Aroclor 1260	SW8082A		**0.0672**	**0.0092 J**	**0.0322**	**0.0238**	**0.121**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0672**	**0.0092 J**	**0.0322**	**0.0238**	**0.121**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID	R7A-ST010-COMP	R7A-ST011-COMP	R7A-ST012-COMP	R7A-ST014-COMP	R7A-ST015-COMP
		Sample ID	R7A-ST010-COMP-241009-00-0.3	R7A-ST011-COMP-241009-00-0.3	R7A-ST012-COMP-241009-00-0.3	R7A-ST014-COMP-241009-00-0.25	R7A-ST015-COMP-241010-00-0.3
		Sample Date	10/9/2024	10/9/2024	10/9/2024	10/9/2024	10/10/2024
		Depth	0 - 0.3 ft	0 - 0.3 ft	0 - 0.3 ft	0 - 0.25 ft	0 - 0.3 ft
		Sample Type	N	N	N	N	N
		Matrix	SE	SE	SE	SE	SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**2.33 J**	**0.698 J**	**0.716 J**	**0.563 J**	**0.394 J**
Total solids	SM2540D		**69.2**	**74.3**	**74.6**	**75.8**	**75.1**
Grain Size (pct)							
Gravel	D422		**13.1**	**23.2**	**15.5**	**17.7**	**14.1**
Percent passing (hydrometer 1)	D422		**3.7**	**2.4**	**1.8**	**3.1**	**3.3**
Percent passing (hydrometer 2)	D422		**1.6**	**1.4**	**1.8**	**1.9**	**2.0**
Percent passing (hydrometer 3)	D422		**0.52**	**0.47**	**0.61**	**0.63**	**0.66**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**96.6**	**88.6**	**95.7**	**90.3**	**93.3**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**95.5**	**100**	**96.2**	**97.9**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**8.6**	**3.6**	**3.9**	**5.0**	**5.2**
Percent passing 2000 micron sieve (#10)	D422		**59.4**	**51.1**	**67.0**	**69.2**	**73.8**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**86.9**	**76.8**	**84.5**	**82.3**	**86.0**
Percent passing 50 micron sieve	D422		**28.0**	**6.8**	**8.3**	**8.7**	**13.3**
Percent passing 75 micron sieve (#200)	D422		**4.7**	**2.8**	**2.6**	**4.1**	**3.8**
Percent passing 8.0 micron	D422		**74.5**	**65.3**	**76.1**	**75.7**	**79.6**
Percent retained 16K micron sieve	D422		**56.0**	**35.9**	**42.0**	**39.8**	**53.9**
Percent retained 30 micron sieve	D422		**48.5**	**15.7**	**22.2**	**19.5**	**31.4**
Sand	D422		**82.2**	**74.0**	**81.8**	**78.2**	**82.2**
Silt	D422		**4.7**	**2.8**	**2.6**	**4.1**	**3.8**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.028 U	0.026 U	0.024 U	0.024 U	0.025 U
Aroclor 1221	SW8082A		0.028 U	0.026 U	0.024 U	0.024 U	0.025 U
Aroclor 1232	SW8082A		0.028 U	0.026 U	0.024 U	0.024 U	0.025 U
Aroclor 1242	SW8082A		0.028 U	0.026 U	0.024 U	0.024 U	0.025 U
Aroclor 1248	SW8082A		0.028 U	0.026 U	0.024 U	0.024 U	0.025 U
Aroclor 1254	SW8082A		0.028 U	0.026 U	0.024 U	0.024 U	0.025 U
Aroclor 1260	SW8082A		**0.184**	**0.133**	**0.0985**	**0.111**	**0.0938**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.184**	**0.133**	**0.0985**	**0.111**	**0.0938**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID	Sample ID	Sample Date	Depth	Sample Type	Matrix
		R7A-ST016-COMP	R7A-ST016-COMP-241010-00-0.25	10/10/2024	0 - 0.25 ft	N	SE
		R7D-RT001-COMP	R7D-RT001-COMP-241021-00-0.25	10/21/2024	0 - 0.25 FT	N	SE
		R7D-RT002-COMP	R7D-RT002-COMP-241022-00-0.33	10/22/2024	0 - 0.33 FT	N	SE
		R7D-RT003-COMP	R7D-RT003-COMP-241022-00-0.25	10/22/2024	0 - 0.25 FT	N	SE
		R7D-RT004-COMP	R7D-RT004-COMP-241023-00-0.25	10/23/2024	0 - 0.25 FT	N	SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn	**1.48 J**	**0.194 J**	**0.904 J**	**0.268 J**	**1.55 J**	
Total solids	SM2540D	**84.0**	**82.2**	**65.2**	**71.0**	**55.1**	
Grain Size (pct)							
Gravel	D422	**24.8**	**25.6**	**0**	**14.8**	**0**	
Percent passing (hydrometer 1)	D422	**2.3**	**3.0**	**8.0**	**5.2**	**18.0**	
Percent passing (hydrometer 2)	D422	**1.4**	**2.3**	**4.5**	**2.9**	**9.0**	
Percent passing (hydrometer 3)	D422	**0.46**	**1.5**	**3.0**	**2.0**	**7.0**	
Percent passing 0.375 inch (3/8 inch sieve)	D422	**88.5**	**86.1**	**100**	**94.6**	**100**	
Percent passing 0.75 inch (3/4 inch sieve)	D422	**95.0**	**95.0**	**100**	**100**	**100**	
Percent passing 1.5 inch (1.5 inch sieve)	D422	**100**	**100**	**100**	**100**	**100**	
Percent passing 150 micron sieve (#100)	D422	**4.2**	**7.1**	**19.7**	**11.4**	**47.0**	
Percent passing 2000 micron sieve (#10)	D422	**52.0**	**50.9**	**100**	**65.0**	**100**	
Percent passing 3 inch (3 inch sieve)	D422	**100**	**100**	**100**	**100**	**100**	
Percent passing 4750 micron sieve (#4)	D422	**75.2**	**74.4**	**100**	**85.2**	**100**	
Percent passing 50 micron sieve	D422	**8.1**	**16.4**	**62.9**	**34.9**	**78.5**	
Percent passing 75 micron sieve (#200)	D422	**2.4**	**4.5**	**9.8**	**5.8**	**31.1**	
Percent passing 8.0 micron	D422	**62.9**	**61.8**	**100**	**74.0**	**100**	
Percent retained 16K micron sieve	D422	**33.3**	**73.9**	**99.9**	**60.5**	**98.9**	
Percent retained 30 micron sieve	D422	**18.8**	**30.4**	**98.0**	**56.7**	**91.9**	
Sand	D422	**72.8**	**69.9**	**90.2**	**79.4**	**68.9**	
Silt	D422	**2.4**	**4.5**	**9.8**	**5.8**	**31.1**	
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A	0.023 U	0.023 U	0.029 U	0.027 U	0.034 U	
Aroclor 1221	SW8082A	0.023 U	0.023 U	0.029 U	0.027 U	0.034 U	
Aroclor 1232	SW8082A	0.023 U	0.023 U	0.029 U	0.027 U	0.034 U	
Aroclor 1242	SW8082A	0.023 U	0.023 U	0.029 U	0.027 U	0.034 U	
Aroclor 1248	SW8082A	0.023 U	0.023 U	0.029 U	0.027 U	0.034 U	
Aroclor 1254	SW8082A	0.023 U	0.023 U	0.029 U	0.027 U	0.034 U	
Aroclor 1260	SW8082A	**0.136**	**0.0854**	**0.168**	**0.162**	**0.0769**	
Total PCB Aroclors (U = 0 max limit)	Calculated	**0.136**	**0.0854**	**0.168**	**0.162**	**0.0769**	

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID	R7D-RT005-COMP	R7D-RT006-COMP	R7D-RT007-COMP	R7D-RT008-COMP	R7D-ST001-COMP
		Sample ID	R7D-RT005-COMP-241023-00-0.25	R7D-RT006-COMP-241023-00-0.33	R7D-RT007-COMP-241024-00-0.33	R7D-RT008-COMP-241024-00-0.33	R7D-ST001-COMP-241018-00-0.33
		Sample Date	10/23/2024	10/23/2024	10/24/2024	10/24/2024	10/18/2024
		Depth	0 - 0.25 FT	0 - 0.33 FT	0 - 0.33 FT	0 - 0.33 FT	0 - 0.33 ft
		Sample Type	N	N	N	N	N
		Matrix	SE	SE	SE	SE	SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.184 J**	**3.09 J**	**0.124 J**	**2.04 J**	**0.719 J**
Total solids	SM2540D		**80.2**	**47.2**	**82.1**	**58.7**	**69.8**
Grain Size (pct)							
Gravel	D422		**21.5**	**2.8**	**13.4**	**0**	**13.7**
Percent passing (hydrometer 1)	D422		**3.0**	**20.0**	**4.6**	**19.0**	**6.7**
Percent passing (hydrometer 2)	D422		**2.7**	**11.0**	**3.3**	**8.0**	**3.0**
Percent passing (hydrometer 3)	D422		**1.0**	**9.0**	**1.0**	**5.0**	**1.8**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**86.9**	**100**	**92.9**	**100**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**94.1**	**100**	**97.3**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**5.2**	**40.3**	**10.4**	**33.4**	**7.8**
Percent passing 2000 micron sieve (#10)	D422		**60.3**	**94.0**	**73.2**	**100**	**65.5**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**78.5**	**97.2**	**86.6**	**100**	**86.3**
Percent passing 50 micron sieve	D422		**7.8**	**69.1**	**31.9**	**65.3**	**8.7**
Percent passing 75 micron sieve (#200)	D422		**4.2**	**23.2**	**5.6**	**20.7**	**7.5**
Percent passing 8.0 micron	D422		**69.2**	**95.7**	**79.1**	**100**	**74.3**
Percent retained 16K micron sieve	D422		**26.6**	**93.8**	**62.4**	**96.7**	**40.8**
Percent retained 30 micron sieve	D422		**13.2**	**88.6**	**51.9**	**87.4**	**13.9**
Sand	D422		**74.3**	**74.1**	**80.9**	**79.3**	**78.8**
Silt	D422		**4.2**	**23.2**	**5.6**	**20.7**	**7.5**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.024 U	0.042 U	0.022 U	0.032 U	0.027 U
Aroclor 1221	SW8082A		0.024 U	0.042 U	0.022 U	0.032 U	0.027 U
Aroclor 1232	SW8082A		0.024 U	0.042 U	0.022 U	0.032 U	0.027 U
Aroclor 1242	SW8082A		0.024 U	0.042 U	0.022 U	0.032 U	0.027 U
Aroclor 1248	SW8082A		0.024 U	0.042 U	0.022 U	0.032 U	0.027 U
Aroclor 1254	SW8082A		0.024 U	0.042 U	0.022 U	0.032 U	0.027 U
Aroclor 1260	SW8082A		**0.0304**	**0.301**	**0.0223**	**0.0691**	**0.0439**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0304**	**0.301**	**0.0223**	**0.0691**	**0.0439**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R7D-ST002-COMP R7D-ST002-COMP-241018-00-0.25 10/18/2024 0 - 0.25 ft N SE	R7D-ST003-COMP R7D-ST003-COMP-241018-00-0.33 10/18/2024 0 - 0.33 ft N SE	R7D-ST006-COMP R7D-ST006-COMP-241021-00-0.25 10/21/2024 0 - 0.25 FT N SE	R7D-ST007-COMP R7D-ST007-COMP-241021-00-0.33 10/21/2024 0 - 0.33 FT N SE	R7D-ST008-COMP R7D-ST008-COMP-241021-00-0.25 10/21/2024 0 - 0.25 FT N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.139 J**	**1.64 J**	**2.13 J**	**0.421 J**	**0.216 J**
Total solids	SM2540D		**79.0**	**68.1**	**65.5**	**76.1**	**76.1**
Grain Size (pct)							
Gravel	D422		**25.9**	**0**	**7.7**	**1.7**	**13.2**
Percent passing (hydrometer 1)	D422		**5.7**	**9.0**	**6.0**	**5.0**	**4.0**
Percent passing (hydrometer 2)	D422		**3.2**	**4.1**	**2.0**	**2.4**	**2.0**
Percent passing (hydrometer 3)	D422		**1.9**	**2.5**	**1.0**	**1.0**	**1.0**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**86.4**	**100**	**100**	**100**	**95.8**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**95.3**	**100**	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**6.9**	**16.7**	**18.8**	**14.2**	**9.8**
Percent passing 2000 micron sieve (#10)	D422		**49.2**	**94.0**	**72.7**	**84.6**	**69.4**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**74.1**	**100**	**92.3**	**98.3**	**86.8**
Percent passing 50 micron sieve	D422		**7.8**	**39.8**	**42.1**	**41.2**	**34.7**
Percent passing 75 micron sieve (#200)	D422		**6.5**	**11.3**	**9.3**	**7.7**	**4.9**
Percent passing 8.0 micron	D422		**57.4**	**96.7**	**82.1**	**90.4**	**77.0**
Percent retained 16K micron sieve	D422		**31.9**	**88.9**	**67.9**	**72.3**	**62.6**
Percent retained 30 micron sieve	D422		**12.7**	**73.2**	**59.8**	**63.0**	**57.1**
Sand	D422		**67.6**	**88.7**	**83.1**	**90.6**	**81.9**
Silt	D422		**6.5**	**11.3**	**9.3**	**7.7**	**4.9**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.023 U	0.028 U	0.028 U	0.025 U	0.025 U
Aroclor 1221	SW8082A		0.023 U	0.028 U	0.028 U	0.025 U	0.025 U
Aroclor 1232	SW8082A		0.023 U	0.028 U	0.028 U	0.025 U	0.025 U
Aroclor 1242	SW8082A		0.023 U	0.028 U	0.028 U	0.025 U	0.025 U
Aroclor 1248	SW8082A		0.023 U	0.028 U	0.028 U	0.025 U	0.025 U
Aroclor 1254	SW8082A		0.023 U	0.028 U	0.028 U	0.025 U	0.025 U
Aroclor 1260	SW8082A		**0.0333**	**0.267**	**0.256**	**0.185**	**0.22**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0333**	**0.267**	**0.256**	**0.185**	**0.22**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID	R7D-ST009-COMP	R7D-ST010-COMP	R7D-ST011-COMP	R7D-ST012-COMP	R7D-ST012-COMP
		Sample ID	R7D-ST009-COMP-241022-00-0.33	R7D-ST010-COMP-241022-00-0.25	R7D-ST011-COMP-241022-00-0.33	R7D-ST012-COMP-241022-00-0.25	R7D-ST012-COMP-BD0001
		Sample Date	10/22/2024	10/22/2024	10/22/2024	10/22/2024	10/22/2024
		Depth	0 - 0.33 FT	0 - 0.25 FT	0 - 0.33 FT	0 - 0.25 FT	0 - 0.25 FT
		Sample Type	N	N	N	N	FD
		Matrix	SE	SE	SE	SE	SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.503 J**	**0.786 J**	**0.242 J**	**0.314 J**	**0.247 J**
Total solids	SM2540D		**76.8**	**66.6**	**69.5**	**73.2**	**73.7**
Grain Size (pct)							
Gravel	D422		**13.9**	**3.9**	**0**	**2.0**	--
Percent passing (hydrometer 1)	D422		**5.8**	**5.0**	**4.5**	**4.0**	--
Percent passing (hydrometer 2)	D422		**1.9**	**2.6**	**2.7**	**2.4**	--
Percent passing (hydrometer 3)	D422		**1.0**	**1.0**	**1.0**	**1.0**	--
Percent passing 0.375 inch (3/8 inch sieve)	D422		**91.3**	**98.9**	**100**	**100**	--
Percent passing 0.75 inch (3/4 inch sieve)	D422		**97.0**	**100**	**100**	**100**	--
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	--
Percent passing 150 micron sieve (#100)	D422		**13.2**	**13.6**	**12.4**	**8.9**	--
Percent passing 2000 micron sieve (#10)	D422		**69.4**	**85.3**	**100**	**81.6**	--
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	--
Percent passing 4750 micron sieve (#4)	D422		**86.1**	**96.1**	**100**	**98.0**	--
Percent passing 50 micron sieve	D422		**36.1**	**50.5**	**43.3**	**28.0**	--
Percent passing 75 micron sieve (#200)	D422		**8.8**	**7.4**	**6.4**	**4.3**	--
Percent passing 8.0 micron	D422		**78.4**	**90.3**	**100**	**90.8**	--
Percent retained 16K micron sieve	D422		**54.7**	**83.6**	**99.0**	**69.5**	--
Percent retained 30 micron sieve	D422		**47.5**	**77.4**	**90.9**	**59.2**	--
Sand	D422		**79.3**	**88.7**	**93.6**	**93.7**	--
Silt	D422		**6.8**	**7.4**	**6.4**	**4.3**	--
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.025 U	0.029 U	0.028 U	0.025 U	0.026 U
Aroclor 1221	SW8082A		0.025 U	0.029 U	0.028 U	0.025 U	0.026 U
Aroclor 1232	SW8082A		0.025 U	0.029 U	0.028 U	0.025 U	0.026 U
Aroclor 1242	SW8082A		0.025 U	0.029 U	0.028 U	0.025 U	0.026 U
Aroclor 1248	SW8082A		0.025 U	0.029 U	0.028 U	0.025 U	0.026 U
Aroclor 1254	SW8082A		0.025 U	0.029 U	0.028 U	0.025 U	0.026 U
Aroclor 1260	SW8082A		**0.204**	**0.148**	**0.0223 J**	**0.0930**	**0.0651**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.204**	**0.148**	**0.0223 J**	**0.0930**	**0.0651**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R7D-ST013-COMP R7D-ST013-COMP-241022-00-0.25 10/22/2024 0 - 0.25 FT N SE	R7D-ST014-COMP R7D-ST014-COMP-241022-00-0.33 10/22/2024 0 - 0.33 FT N SE	R7D-ST015-COMP R7D-ST015-COMP-241023-00-0.33 10/23/2024 0 - 0.33 FT N SE	R7D-ST017-COMP R7D-ST017-COMP-241023-00-0.25 10/23/2024 0 - 0.25 FT N SE	R7D-ST018-COMP R7D-ST018-COMP-241023-00-0.33 10/23/2024 0 - 0.33 FT N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.596 J**	**0.532 J**	**1.05 J**	**0.233 J**	**0.291 J**
Total solids	SM2540D		**70.3**	**68.3**	**63.4**	**80.7**	**74.9**
Grain Size (pct)							
Gravel	D422		**0**	**1.4**	**0**	**11.9**	**2.8**
Percent passing (hydrometer 1)	D422		**4.5**	**6.1**	**9.0**	**4.2**	**5.6**
Percent passing (hydrometer 2)	D422		**2.7**	**4.4**	**6.0**	**3.0**	**4.0**
Percent passing (hydrometer 3)	D422		**1.0**	**2.6**	**3.0**	**1.8**	**2.4**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**100**	**100**	**100**	**96.3**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**18.5**	**16.4**	**24.0**	**8.3**	**8.0**
Percent passing 2000 micron sieve (#10)	D422		**100**	**94.0**	**100**	**64.5**	**89.4**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**100**	**98.6**	**100**	**88.1**	**97.2**
Percent passing 50 micron sieve	D422		**63.8**	**51.9**	**72.9**	**18.9**	**15.5**
Percent passing 75 micron sieve (#200)	D422		**6.9**	**8.1**	**10.7**	**4.7**	**6.8**
Percent passing 8.0 micron	D422		**100**	**96.0**	**100**	**77.2**	**92.8**
Percent retained 16K micron sieve	D422		**99.8**	**93.4**	**99.8**	**54.5**	**78.3**
Percent retained 30 micron sieve	D422		**95.7**	**91.7**	**97.2**	**38.1**	**48.8**
Sand	D422		**93.1**	**90.5**	**89.3**	**83.4**	**90.4**
Silt	D422		**6.9**	**8.1**	**10.7**	**4.7**	**6.8**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.026 U	0.027 U	0.031 U	0.024 U	0.026 U
Aroclor 1221	SW8082A		0.026 U	0.027 U	0.031 U	0.024 U	0.026 U
Aroclor 1232	SW8082A		0.026 U	0.027 U	0.031 U	0.024 U	0.026 U
Aroclor 1242	SW8082A		0.026 U	0.027 U	0.031 U	0.024 U	0.026 U
Aroclor 1248	SW8082A		0.026 U	0.027 U	0.031 U	0.024 U	0.026 U
Aroclor 1254	SW8082A		0.026 U	0.027 U	0.031 U	0.024 U	0.026 U
Aroclor 1260	SW8082A		**0.124**	**0.0992**	**0.154 J**	**0.0493**	**0.0523**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.124**	**0.0992**	**0.154 J**	**0.0493**	**0.0523**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R7D-ST019-COMP R7D-ST019-COMP-241023-00-0.33 10/23/2024 0 - 0.33 FT N SE	R7D-ST020-COMP R7D-ST020-COMP-241023-00-0.33 10/23/2024 0 - 0.33 FT N SE	R7D-ST021-COMP R7D-ST021-COMP-241023-00-0.33 10/23/2024 0 - 0.33 FT N SE	R7D-ST022-COMP R7D-ST022-COMP-241023-00-0.25 10/23/2024 0 - 0.25 FT N SE	R7D-ST023-COMP R7D-ST023-COMP-241024-00-0.25 10/24/2024 0 - 0.25 FT N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.941 J**	**0.328 J**	**0.599 J**	**0.523 J**	**0.287 J**
Total solids	SM2540D		**76.7**	**79.1**	**67.5**	**69.0**	**72.1**
Grain Size (pct)							
Gravel	D422		**23.7**	**1.0**	**0**	**0**	**13.0**
Percent passing (hydrometer 1)	D422		**6.9**	**4.2**	**6.5**	**10.1**	**6.8**
Percent passing (hydrometer 2)	D422		**3.1**	**3.0**	**4.7**	**4.6**	**3.1**
Percent passing (hydrometer 3)	D422		**1.9**	**1.8**	**2.8**	**2.8**	**1.9**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**80.4**	**100**	**100**	**100**	**96.0**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**82.3**	**100**	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**15.2**	**10.0**	**14.0**	**22.4**	**17.2**
Percent passing 2000 micron sieve (#10)	D422		**61.4**	**65.4**	**100**	**100**	**68.4**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**76.3**	**99.0**	**100**	**100**	**87.0**
Percent passing 50 micron sieve	D422		**28.2**	**30.5**	**43.0**	**65.1**	**37.3**
Percent passing 75 micron sieve (#200)	D422		**9.3**	**4.4**	**7.1**	**11.3**	**8.6**
Percent passing 8.0 micron	D422		**72.3**	**81.7**	**100**	**100**	**79.4**
Percent retained 16K micron sieve	D422		**60.0**	**53.6**	**98.3**	**99.6**	**64.5**
Percent retained 30 micron sieve	D422		**48.7**	**45.6**	**84.5**	**96.6**	**58.0**
Sand	D422		**67.0**	**94.6**	**92.9**	**88.7**	**78.4**
Silt	D422		**9.3**	**4.4**	**7.1**	**11.3**	**8.6**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.026 U	0.024 U	0.027 U	0.027 U	0.026 U
Aroclor 1221	SW8082A		0.026 U	0.024 U	0.027 U	0.027 U	0.026 U
Aroclor 1232	SW8082A		0.026 U	0.024 U	0.027 U	0.027 U	0.026 U
Aroclor 1242	SW8082A		0.026 U	0.024 U	0.027 U	0.027 U	0.026 U
Aroclor 1248	SW8082A		0.026 U	0.024 U	0.027 U	0.027 U	0.026 U
Aroclor 1254	SW8082A		0.026 U	0.024 U	0.027 U	0.027 U	0.026 U
Aroclor 1260	SW8082A		**0.485**	**0.0467**	**0.167**	**0.119**	**0.0239 J**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.485**	**0.0467**	**0.167**	**0.119**	**0.0239 J**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R7D-ST023-COMP R7D-ST023-COMP-BD0001 10/24/2024 0 - 0.25 FT FD SE	R7D-ST024-COMP R7D-ST024-COMP-241024-00-0.33 10/24/2024 0 - 0.33 FT N SE	R7D-ST025-COMP R7D-ST025-COMP-241024-00-0.33 10/24/2024 0 - 0.33 FT N SE	R7D-ST026-COMP R7D-ST026-COMP-241024-00-0.33 10/24/2024 0 - 0.33 FT N SE	R7D-ST027-COMP R7D-ST027-COMP-241024-00-0.33 10/24/2024 0 - 0.33 FT N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.271 J**	**0.215 J**	**0.545 J**	**0.856 J**	**1.09 J**
Total solids	SM2540D		**82.3**	**83.5**	**69.7**	**64.9**	**70.1**
Grain Size (pct)							
Gravel	D422		--	**15.8**	**0**	**0**	**1.7**
Percent passing (hydrometer 1)	D422		--	**3.1**	**9.6**	**10.5**	**12.0**
Percent passing (hydrometer 2)	D422		--	**2.2**	**4.4**	**4.8**	**3.6**
Percent passing (hydrometer 3)	D422		--	**1.3**	**2.6**	**2.9**	**3.0**
Percent passing 0.375 inch (3/8 inch sieve)	D422		--	**94.6**	**100**	**100**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422		--	**100**	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		--	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		--	**5.4**	**17.8**	**23.0**	**28.8**
Percent passing 2000 micron sieve (#10)	D422		--	**51.7**	**100**	**100**	**84.4**
Percent passing 3 inch (3 inch sieve)	D422		--	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		--	**84.2**	**100**	**100**	**98.3**
Percent passing 50 micron sieve	D422		--	**11.1**	**49.9**	**68.4**	**65.9**
Percent passing 75 micron sieve (#200)	D422		--	**3.9**	**11.0**	**13.6**	**16.2**
Percent passing 8.0 micron	D422		--	**69.2**	**100**	**100**	**92.0**
Percent retained 16K micron sieve	D422		--	**43.3**	**99.9**	**100**	**78.5**
Percent retained 30 micron sieve	D422		--	**28.5**	**99.4**	**96.2**	**72.3**
Sand	D422		--	**80.3**	**89.0**	**86.4**	**82**
Silt	D422		--	**3.9**	**11.0**	**13.6**	**16**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.024 U	0.022 U	0.028 U	0.029 U	0.027 U
Aroclor 1221	SW8082A		0.024 U	0.022 U	0.028 U	0.029 U	0.027 U
Aroclor 1232	SW8082A		0.024 U	0.022 U	0.028 U	0.029 U	0.027 U
Aroclor 1242	SW8082A		0.024 U	0.022 U	0.028 U	0.029 U	0.027 U
Aroclor 1248	SW8082A		0.024 U	0.022 U	0.028 U	0.029 U	0.027 U
Aroclor 1254	SW8082A		0.024 U	0.022 U	0.028 U	0.029 U	0.027 U
Aroclor 1260	SW8082A		**0.0316**	**0.0295**	**0.0904**	**0.0957**	**0.131**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0316**	**0.0295**	**0.0904**	**0.0957**	**0.131**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID	R7D-ST028-COMP	R7D-ST029-COMP	R7D-ST030-COMP	R7D-ST031-COMP	R7D-ST032-COMP
		Sample ID	R7D-ST028-COMP-241024-00-0.25	R7D-ST029-COMP-241024-00-0.33	R7D-ST030-COMP-241024-00-0.25	R7D-ST031-COMP-241025-00-0.25	R7D-ST032-COMP-241025-00-0.25
		Sample Date	10/24/2024	10/24/2024	10/24/2024	10/25/2024	10/25/2024
		Depth	0 - 0.25 FT	0 - 0.33 FT	0 - 0.25 FT	0 - 0.25 FT	0 - 0.25 FT
		Sample Type	N	N	N	N	N
		Matrix	SE	SE	SE	SE	SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**1.43 J**	**1.38 J**	**1.06 J**	**1.07 J**	**1.28 J**
Total solids	SM2540D		**59.7**	**63.5**	**67.1**	**63.5**	**60.5**
Grain Size (pct)							
Gravel	D422		**8.0**	**7.3**	**0**	**0**	**0**
Percent passing (hydrometer 1)	D422		**8.5**	**15.4**	**10.2**	**10.5**	**12.0**
Percent passing (hydrometer 2)	D422		**3.3**	**5.1**	**4.6**	**4.8**	**4.6**
Percent passing (hydrometer 3)	D422		**2.0**	**3.7**	**2.8**	**2.9**	**2.8**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**98.9**	**95.8**	**100**	**100**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**18.2**	**29.3**	**24.6**	**25.0**	**24.5**
Percent passing 2000 micron sieve (#10)	D422		**74.1**	**78.4**	**100**	**100**	**100**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**92.0**	**92.7**	**100**	**100**	**100**
Percent passing 50 micron sieve	D422		**35.3**	**51.3**	**60.7**	**45.4**	**33.3**
Percent passing 75 micron sieve (#200)	D422		**11.4**	**18.0**	**14.3**	**13.4**	**16.0**
Percent passing 8.0 micron	D422		**84.5**	**87.2**	**100**	**100**	**100**
Percent retained 16K micron sieve	D422		**69.4**	**74.0**	**100**	**99.8**	**94.8**
Percent retained 30 micron sieve	D422		**54.1**	**64.8**	**98.3**	**79.1**	**62.2**
Sand	D422		**80.6**	**74.7**	**85.8**	**86.6**	**84.1**
Silt	D422		**11.4**	**18.0**	**14.3**	**13.4**	**16.0**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.033 U	0.031 U	0.028 U	0.031 U	0.032 U
Aroclor 1221	SW8082A		0.033 U	0.031 U	0.028 U	0.031 U	0.032 U
Aroclor 1232	SW8082A		0.033 U	0.031 U	0.028 U	0.031 U	0.032 U
Aroclor 1242	SW8082A		0.033 U	0.031 U	0.028 U	0.031 U	0.032 U
Aroclor 1248	SW8082A		0.033 U	0.031 U	0.028 U	0.031 U	0.032 U
Aroclor 1254	SW8082A		0.033 U	0.031 U	0.028 U	0.031 U	0.032 U
Aroclor 1260	SW8082A		**0.0554**	**0.13**	**0.0864**	**0.122**	**0.0618**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0554**	**0.13**	**0.0864**	**0.122**	**0.0618**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R7F-RT001-COMP R7F-RT001-COMP-241011-00-0.42 10/11/2024 0 - 0.42 ft N SE	R7F-RT002-COMP R7F-RT002-COMP-241011-00-0.5 10/11/2024 0 - 0.5 ft N SE	R7F-RT003-COMP R7F-RT003-COMP-241015-00-0.33 10/15/2024 0 - 0.33 ft N SE	R7F-RT004-COMP R7F-RT004-COMP-241015-00-0.33 10/15/2024 0 - 0.33 ft N SE	R7F-ST001-COMP R7F-ST001-COMP-241017-00-0.5 10/17/2024 0 - 0.5 ft N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.187 J**	**0.569 J**	**0.311 J**	**0.789 J**	**0.784 J**
Total solids	SM2540D		**71.5**	**64.9**	**74.2**	**70.3**	**75.3**
Grain Size (pct)							
Gravel	D422		**0**	**0**	**6.7**	**3.9**	**17.6**
Percent passing (hydrometer 1)	D422		**6.6**	**9.8**	**5.7**	**7.5**	**8.6**
Percent passing (hydrometer 2)	D422		**4.7**	**4.5**	**4.1**	**4.2**	**4.6**
Percent passing (hydrometer 3)	D422		**2.8**	**2.7**	**2.4**	**2.5**	**3.3**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**100**	**100**	**97.8**	**97.5**	**89.2**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**17.5**	**19.9**	**16.0**	**16.3**	**20.4**
Percent passing 2000 micron sieve (#10)	D422		**91.8**	**100**	**77.4**	**88.4**	**74.4**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**100**	**100**	**93.3**	**96.1**	**82.4**
Percent passing 50 micron sieve	D422		**40.0**	**50.8**	**30.8**	**35.2**	**51.4**
Percent passing 75 micron sieve (#200)	D422		**10.4**	**11.5**	**9.5**	**10.3**	**9.6**
Percent passing 8.0 micron	D422		**95.4**	**100**	**86.2**	**92.0**	**77.9**
Percent retained 16K micron sieve	D422		**86.7**	**98.4**	**72.3**	**82.8**	**72.2**
Percent retained 30 micron sieve	D422		**69.4**	**89.1**	**58.6**	**65.7**	**68.4**
Sand	D422		**89.6**	**88.6**	**83.9**	**85.9**	**72.8**
Silt	D422		**10.4**	**11.5**	**9.5**	**10.3**	**9.6**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.026 U	0.030 U	0.026 U	0.026 U	0.026 U
Aroclor 1221	SW8082A		0.026 U	0.030 U	0.026 U	0.026 U	0.026 U
Aroclor 1232	SW8082A		0.026 U	0.030 U	0.026 U	0.026 U	0.026 U
Aroclor 1242	SW8082A		0.026 U	0.030 U	0.026 U	0.026 U	0.026 U
Aroclor 1248	SW8082A		0.026 U	0.030 U	0.026 U	0.026 U	0.026 U
Aroclor 1254	SW8082A		0.026 U	0.030 U	0.026 U	0.026 U	0.026 U
Aroclor 1260	SW8082A		**0.0894**	**0.0633**	**0.0414**	**0.0846**	**0.0863**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0894**	**0.0633**	**0.0414**	**0.0846**	**0.0863**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID	R7F-ST002-COMP	R7F-ST003-COMP	R7F-ST004-COMP	R7F-ST005-COMP	R7F-ST006-COMP
		Sample ID	R7F-ST002-COMP-241017-00-0.25	R7F-ST003-COMP-241017-00-0.25	R7F-ST004-COMP-241011-00-0.25	R7F-ST005-COMP-241011-00-0.42	R7F-ST006-COMP-241011-00-0.42
		Sample Date	10/17/2024	10/17/2024	10/11/2024	10/11/2024	10/11/2024
		Depth	0 - 0.25 ft	0 - 0.25 ft	0 - 0.25 ft	0 - 0.42 ft	0 - 0.42 ft
		Sample Type	N	N	N	N	N
		Matrix	SE	SE	SE	SE	SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.538 J**	**0.354 J**	**0.162 J**	**0.185 J**	**0.296 J**
Total solids	SM2540D		**68.6**	**72.8**	**72.9**	**75.0**	**72.5**
Grain Size (pct)							
Gravel	D422		**15.9**	**15.5**	**4.2**	**31.5**	**18.6**
Percent passing (hydrometer 1)	D422		**9.9**	**7.9**	**6.8**	**5.0**	**4.1**
Percent passing (hydrometer 2)	D422		**7.2**	**4.3**	**5.3**	**3.2**	**2.9**
Percent passing (hydrometer 3)	D422		**4.6**	**3.1**	**3.8**	**2.3**	**1.8**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**91.6**	**90.6**	**100**	**82.3**	**89.5**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**94.2**	**100**	**100**	**93.0**	**96.9**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**21.3**	**15.9**	**15.3**	**7.0**	**8.6**
Percent passing 2000 micron sieve (#10)	D422		**74.7**	**69.0**	**81.0**	**50.1**	**65.7**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**84.2**	**84.5**	**95.8**	**68.5**	**81.4**
Percent passing 50 micron sieve	D422		**48.1**	**24.2**	**37.3**	**12.6**	**27.4**
Percent passing 75 micron sieve (#200)	D422		**9.9**	**9.1**	**10**	**5.9**	**5.1**
Percent passing 8.0 micron	D422		**78.2**	**76.2**	**86.8**	**59.0**	**73.2**
Percent retained 16K micron sieve	D422		**71.5**	**56.3**	**70.9**	**42.1**	**61.3**
Percent retained 30 micron sieve	D422		**66.7**	**37.7**	**54.1**	**25.5**	**48.2**
Sand	D422		**74.2**	**75.4**	**85.8**	**62.7**	**76.3**
Silt	D422		**9.9**	**9.1**	**10**	**5.9**	**5.1**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.028 U	0.025 U	0.026 U	0.027 U	0.027 U
Aroclor 1221	SW8082A		0.028 U	0.025 U	0.026 U	0.027 U	0.027 U
Aroclor 1232	SW8082A		0.028 U	0.025 U	0.026 U	0.027 U	0.027 U
Aroclor 1242	SW8082A		0.028 U	0.025 U	0.026 U	0.027 U	0.027 U
Aroclor 1248	SW8082A		0.028 U	0.025 U	0.026 U	0.027 U	0.027 U
Aroclor 1254	SW8082A		0.028 U	0.025 U	0.026 U	0.027 U	0.027 U
Aroclor 1260	SW8082A		**0.0796**	**0.119**	**0.0529**	**0.0352**	**0.0335**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0796**	**0.119**	**0.0529**	**0.0352**	**0.0335**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R7F-ST007-COMP R7F-ST007-COMP-241017-00-0.33 10/17/2024 0 - 0.333 ft N SE	R7F-ST008-COMP R7F-ST008-COMP-241011-00-0.5 10/11/2024 0 - 0.5 ft N SE	R7F-ST009-COMP R7F-ST009-COMP-241011-00-0.42 10/11/2024 0 - 0.42 ft N SE	R7F-ST010-COMP R7F-ST010-COMP-241015-00-0.33 10/15/2024 0 - 0.33 ft N SE	R7F-ST011-COMP R7F-ST011-COMP-241015-00-0.33 10/15/2024 0 - 0.33 ft N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.415 J**	**0.198 J**	**0.234 J**	**0.853 J**	**0.176 J**
Total solids	SM2540D		**68.3**	**80.0**	**80.9**	**61.8**	**74.3**
Grain Size (pct)							
Gravel	D422		**9.3**	**16.1**	**16.8**	**15.9**	**7.8 J**
Percent passing (hydrometer 1)	D422		**8.7**	**5.2**	**4.8**	**6.5**	**7.8**
Percent passing (hydrometer 2)	D422		**5.5**	**4.1**	**3.7**	**4.2**	**3.5**
Percent passing (hydrometer 3)	D422		**4.0**	**2.9**	**2.6**	**3.0**	**2.1**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**98.0**	**91.7**	**95.3**	**92.9**	**98.5**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**97.8**	**100**	**95.5**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**24.3**	**13.1**	**9.3**	**14.6**	**9.6**
Percent passing 2000 micron sieve (#10)	D422		**76.9**	**65.7**	**56.0**	**60.9**	**77.7**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**90.8**	**84.0**	**83.2**	**84.1**	**92.2**
Percent passing 50 micron sieve	D422		**45.7**	**29.3**	**22.8**	**36.5**	**24.9**
Percent passing 75 micron sieve (#200)	D422		**16.3**	**7.8**	**6.0**	**8.0**	**7.8**
Percent passing 8.0 micron	D422		**82.1**	**74.0**	**67.9**	**72.8**	**84.8**
Percent retained 16K micron sieve	D422		**75.9**	**61.5**	**50.4**	**57.5**	**75.0**
Percent retained 30 micron sieve	D422		**74.1**	**50.4**	**38.0**	**51.9**	**69.3**
Sand	D422		**74.4**	**76.2**	**77.2**	**76.1**	**84.4**
Silt	D422		**16.3**	**7.8**	**6.0**	**8.0**	**7.8**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.028 U	0.024 U	0.025 U	0.031 U	0.026 U
Aroclor 1221	SW8082A		0.028 U	0.024 U	0.025 U	0.031 U	0.026 U
Aroclor 1232	SW8082A		0.028 U	0.024 U	0.025 U	0.031 U	0.026 U
Aroclor 1242	SW8082A		0.028 U	0.024 U	0.025 U	0.031 U	0.026 U
Aroclor 1248	SW8082A		0.028 U	0.024 U	0.025 U	0.031 U	0.026 U
Aroclor 1254	SW8082A		0.028 U	0.024 U	0.025 U	0.031 U	0.026 U
Aroclor 1260	SW8082A		**0.0969**	**0.0306**	**0.0304**	**0.193**	**0.0512**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0969**	**0.0306**	**0.0304**	**0.193**	**0.0512**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R7F-ST012-COMP R7F-ST012-COMP-241015-00-0.33 10/15/2024 0 - 0.33 ft N SE	R7F-ST012-COMP R7F-ST012-COMP-BD0001 10/15/2024 0 - 0.33 ft FD SE	R7F-ST013-COMP R7F-ST013-COMP-241015-00-0.25 10/15/2024 0 - 0.25 ft N SE	R7F-ST014-COMP R7F-ST014-COMP-241015-00-0.33 10/15/2024 0 - 0.33 ft N SE	R7F-ST015-COMP R7F-ST015-COMP-241017-00-0.5 10/17/2024 0 - 0.5 ft N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.954 J**	**0.455 J**	**0.275 J**	**0.336 J**	**1.56 J**
Total solids	SM2540D		**61.2**	**71.6**	**78.3**	**80.4**	**50.3**
Grain Size (pct)							
Gravel	D422		**0**	**0**	**0**	**0**	**0**
Percent passing (hydrometer 1)	D422		**11.8**	**12.0**	**12.1**	**14.0**	**17.2**
Percent passing (hydrometer 2)	D422		**8.2**	**8.3**	**6.5**	**6.5**	**10**
Percent passing (hydrometer 3)	D422		**4.5**	**4.6**	**4.6**	**2.8**	**6.3**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**20.9**	**23.2**	**26.6**	**26.2**	**50.3**
Percent passing 2000 micron sieve (#10)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 50 micron sieve	D422		**39.3**	**43.5**	**47.5**	**43.9**	**90.6**
Percent passing 75 micron sieve (#200)	D422		**13.5**	**13.2**	**13.1**	**15.1**	**20.6**
Percent passing 8.0 micron	D422		**100**	**100**	**100**	**100**	**100**
Percent retained 16K micron sieve	D422		**94.3**	**95.6**	**98.7**	**95.0**	**99.9**
Percent retained 30 micron sieve	D422		**73.7**	**73.6**	**80.1**	**65.0**	**97.0**
Sand	D422		**86.5**	**86.8**	**86.9**	**84.9**	**79.4**
Silt	D422		**13.5**	**13.2**	**13.1**	**15.1**	**20.6**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.031 U	0.027 U	0.023 U	0.023 U	0.037 U
Aroclor 1221	SW8082A		0.031 U	0.027 U	0.023 U	0.023 U	0.037 U
Aroclor 1232	SW8082A		0.031 U	0.027 U	0.023 U	0.023 U	0.037 U
Aroclor 1242	SW8082A		0.031 U	0.027 U	0.023 U	0.023 U	0.037 U
Aroclor 1248	SW8082A		0.031 U	0.027 U	0.023 U	0.023 U	0.037 U
Aroclor 1254	SW8082A		0.031 U	0.027 U	0.023 U	0.023 U	0.037 U
Aroclor 1260	SW8082A		**0.22 J**	**0.116 J**	**0.0736**	**0.241**	**0.18**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.22 J**	**0.116 J**	**0.0736**	**0.241**	**0.18**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID	R7H-RT002-COMP	R7H-RT003-COMP	R7H-ST006-COMP	R7H-ST009-COMP	R7H-ST011-COMP
		Sample ID	R7H-RT002-COMP-241016-00-0.33	R7H-RT003-COMP-241016-00-0.33	R7H-ST006-COMP-241016-00-0.25	R7H-ST009-COMP-241016-00-0.25	R7H-ST011-COMP-241016-00-0.25
		Sample Date	10/16/2024	10/16/2024	10/16/2024	10/16/2024	10/16/2024
		Depth	0 - 0.33 ft	0 - 0.33 ft	0 - 0.25 ft	0 - 0.25 ft	0 - 0.25 ft
		Sample Type	N	N	N	N	N
		Matrix	SE	SE	SE	SE	SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.203 J**	**0.77 J**	**0.173 J**	**0.302 J**	**0.365 J**
Total solids	SM2540D		**73.4**	**63.9**	**87.2**	**72.6**	**84.9**
Grain Size (pct)							
Gravel	D422		**1.8**	**0**	**17.5**	**6.0**	**8.7**
Percent passing (hydrometer 1)	D422		**5.5**	**9.9**	**2.7**	**4.9**	**3.4**
Percent passing (hydrometer 2)	D422		**3.9**	**6.3**	**2.7**	**3.5**	**3.4**
Percent passing (hydrometer 3)	D422		**2.3**	**2.7**	**1.6**	**2.1**	**2.0**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**100**	**100**	**92.8**	**100**	**98.1**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**100**	**97.7**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**13.4**	**20.8**	**4.1**	**8.6**	**4.6**
Percent passing 2000 micron sieve (#10)	D422		**83.3**	**100**	**59.2**	**76.2**	**72.4**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**98.2**	**100**	**82.6**	**94.1**	**91.3**
Percent passing 50 micron sieve	D422		**25.0**	**51.3**	**4.8**	**16.3**	**4.9**
Percent passing 75 micron sieve (#200)	D422		**6.4**	**10.5**	**3.8**	**5.3**	**4.5**
Percent passing 8.0 micron	D422		**91.6**	**100**	**69.4**	**84.6**	**81.5**
Percent retained 16K micron sieve	D422		**68.9**	**99.6**	**24.2**	**62.0**	**35.7**
Percent retained 30 micron sieve	D422		**41.8**	**93.2**	**7.9**	**36.6**	**9.6**
Sand	D422		**91.7**	**89.5**	**78.7**	**88.8**	**86.8**
Silt	D422		**6.4**	**10.5**	**3.8**	**5.3**	**4.5**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.026 U	0.031 U	0.023 U	0.028 U	0.024 U
Aroclor 1221	SW8082A		0.026 U	0.031 U	0.023 U	0.028 U	0.024 U
Aroclor 1232	SW8082A		0.026 U	0.031 U	0.023 U	0.028 U	0.024 U
Aroclor 1242	SW8082A		0.026 U	0.031 U	0.023 U	0.028 U	0.024 U
Aroclor 1248	SW8082A		0.026 U	0.031 U	0.023 U	0.028 U	0.024 U
Aroclor 1254	SW8082A		0.026 U	0.031 U	0.023 U	0.028 U	0.024 U
Aroclor 1260	SW8082A		**0.0355**	**0.132**	**0.0098 J**	**0.0562**	**0.0093 J**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0355**	**0.132**	**0.0098 J**	**0.0562**	**0.0093 J**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID	R9-RT001-COMP	R9-RT002-COMP	R9-RT003-COMP	R9-RT003-COMP	R9-RT004-COMP
		Sample ID	R9-RT001-COMP-241107-00-0.33	R9-RT002-COMP-241111-00-0.25	R9-RT003-COMP-241112-00-0.33	R9-RT003-COMP-BD0001	R9-RT004-COMP-241112-00-0.33
		Sample Date	11/7/2024	11/11/2024	11/12/2024	11/12/2024	11/12/2024
		Depth	0 - 0.33 ft	0 - 0.25 ft	0 - 0.33 ft	0 - 0.33 ft	0 - 0.33 ft
		Sample Type	N	N	N	FD	N
		Matrix	SE	SE	SE	SE	SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**1.27 J**	**0.147 J**	**0.257 J**	**0.243 J**	**1.68 J**
Total solids	SM2540D		**68.5**	**83.8**	**80.5**	**79.6**	**52.6**
Grain Size (pct)							
Gravel	D422		**0**	**33.3**	**4.5**	**--**	**40.2**
Percent passing (hydrometer 1)	D422		**20.1**	**4.6**	**6.7**	**--**	**5.9**
Percent passing (hydrometer 2)	D422		**10.5**	**1.3**	**2.2**	**--**	**2.2**
Percent passing (hydrometer 3)	D422		**4.8**	**0.42**	**0.75**	**--**	**1.5**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**100**	**76.9**	**100**	**--**	**81.2**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**89.5**	**100**	**--**	**90.0**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**--**	**100**
Percent passing 150 micron sieve (#100)	D422		**41.1**	**10.8**	**17.9**	**--**	**15.4**
Percent passing 2000 micron sieve (#10)	D422		**95.7**	**45.8**	**82.8**	**--**	**34.2**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**--**	**100**
Percent passing 4750 micron sieve (#4)	D422		**100**	**66.7**	**95.5**	**--**	**59.9**
Percent passing 50 micron sieve	D422		**66.6**	**18.5**	**40.8**	**--**	**19.9**
Percent passing 75 micron sieve (#200)	D422		**26.1**	**6.9**	**7.6**	**--**	**11.8**
Percent passing 8.0 micron	D422		**97.8**	**54.5**	**90.1**	**--**	**46.3**
Percent retained 16K micron sieve	D422		**91.6**	**36.8**	**75.1**	**--**	**32.2**
Percent retained 30 micron sieve	D422		**80.7**	**27.3**	**61.8**	**--**	**26.6**
Sand	D422		**73.9**	**59.7**	**87.9**	**--**	**48.1**
Silt	D422		**26.1**	**6.9**	**7.6**	**--**	**11.8**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.028 U	0.023 U	0.025 U	0.024 U	0.036 U
Aroclor 1221	SW8082A		0.028 U	0.023 U	0.025 U	0.024 U	0.036 U
Aroclor 1232	SW8082A		0.028 U	0.023 U	0.025 U	0.024 U	0.036 U
Aroclor 1242	SW8082A		0.028 U	0.023 U	0.025 U	0.024 U	0.036 U
Aroclor 1248	SW8082A		0.028 U	0.023 U	0.025 U	0.024 U	0.036 U
Aroclor 1254	SW8082A		0.028 U	0.023 U	**0.0141 J**	**0.0161 J**	**0.0218 J**
Aroclor 1260	SW8082A		**0.472**	0.023 U	**0.0665**	**0.0709**	**0.0924**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.472**	0.019 U	**0.0806 J**	**0.0870 J**	**0.114 J**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R9-ST001-COMP R9-ST001-COMP-241107-00-0.33 11/7/2024 0 - 0.33 ft N SE	R9-ST002-COMP R9-ST002-COMP-241107-00-0.25 11/7/2024 0 - 0.25 ft N SE	R9-ST003-COMP R9-ST003-COMP-241108-00-0.33 11/8/2024 0 - 0.33 ft N SE	R9-ST004-COMP R9-ST004-COMP-241108-00-0.25 11/8/2024 0 - 0.25 ft N SE	R9-ST005-COMP R9-ST005-COMP-241111-00-0.25 11/11/2024 0 - 0.25 ft N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**1.46 J**	**0.19 J**	**2.81 J**	**0.508 J**	**0.228 J**
Total solids	SM2540D		**66.2**	**79.9**	**46.9**	**78.9**	**81.2**
Grain Size (pct)							
Gravel	D422		**3.9**	**12.4**	**0**	**6.7**	**22.7**
Percent passing (hydrometer 1)	D422		**20.5**	**1.7**	**23.0**	**4.4**	**5.3**
Percent passing (hydrometer 2)	D422		**6.2**	**0.58**	**7.0**	**2.6**	**1.4**
Percent passing (hydrometer 3)	D422		**4.5**	**0.58**	**5.0**	**0.87**	**0.48**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**100**	**97.2**	**100**	**96.4**	**90.8**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**32.9**	**5.1**	**51.6**	**15.0**	**12.2**
Percent passing 2000 micron sieve (#10)	D422		**88.0**	**57.6**	**100**	**85.8**	**54.5**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**96.2**	**87.6**	**100**	**93.3**	**77.3**
Percent passing 50 micron sieve	D422		**52.5**	**14.4**	**89.0**	**60.9**	**21.9**
Percent passing 75 micron sieve (#200)	D422		**22.9**	**3.1**	**29.1**	**6.6**	**6.5**
Percent passing 8.0 micron	D422		**91.4**	**73.7**	**100**	**88.2**	**67.1**
Percent retained 16K micron sieve	D422		**83.2**	**47.7**	**99.9**	**83.3**	**50.8**
Percent retained 30 micron sieve	D422		**70.4**	**33.2**	**96.8**	**79.5**	**39.4**
Sand	D422		**73.3**	**84.5**	**70.9**	**86.7**	**70.8**
Silt	D422		**22.9**	**3.1**	**29.1**	**6.6**	**6.5**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.029 U	0.025 U	0.041 U	0.024 U	0.024 U
Aroclor 1221	SW8082A		0.029 U	0.025 U	0.041 U	0.024 U	0.024 U
Aroclor 1232	SW8082A		0.029 U	0.025 U	0.041 U	0.024 U	0.024 U
Aroclor 1242	SW8082A		0.029 U	0.025 U	0.041 U	0.024 U	0.024 U
Aroclor 1248	SW8082A		0.029 U	0.025 U	0.041 U	0.024 U	0.024 U
Aroclor 1254	SW8082A		0.029 U	0.025 U	0.041 U	0.024 U	0.024 U
Aroclor 1260	SW8082A		**0.476**	**0.0307**	**0.404**	**0.242**	**0.0838**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.476**	**0.0307**	**0.404**	**0.242**	**0.0838**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R9-ST006-COMP R9-ST006-COMP-241111-00-0.25 11/11/2024 0 - 0.25 ft N SE	R9-ST007-COMP R9-ST007-COMP-241111-00-0.25 11/11/2024 0 - 0.25 ft N SE	R9-ST008-COMP R9-ST008-COMP-241111-00-0.25 11/11/2024 0 - 0.25 ft N SE	R9-ST009-COMP R9-ST009-COMP-241112-00-0.25 11/12/2024 0 - 0.25 ft N SE	R9-ST010-COMP R9-ST010-COMP-241112-00-0.33 11/12/2024 0 - 0.33 ft N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.184 J**	**0.128 J**	**0.112 J**	**0.177 J**	**0.118 J**
Total solids	SM2540D		**73.4**	**77.4**	**87.6**	**81.5**	**80.1**
Grain Size (pct)							
Gravel	D422		**13.9**	**15.5**	**43.3**	**1.8**	**0**
Percent passing (hydrometer 1)	D422		**5.1**	**3.6**	**1.2**	**4.8**	**6.0**
Percent passing (hydrometer 2)	D422		**1.7**	**1.5**	**0.73**	**2.0**	**2.6**
Percent passing (hydrometer 3)	D422		**0.57**	**0.51**	**0.24**	**0.68**	**0.85**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**92.2**	**91.5**	**76.3**	**100**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**94.6**	**93.4**	**90.4**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**15.2**	**13.7**	**6.4**	**12.9**	**7.9**
Percent passing 2000 micron sieve (#10)	D422		**65.9**	**57.2**	**25.9**	**74.1**	**92.6**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**86.1**	**84.5**	**56.7**	**98.2**	**100**
Percent passing 50 micron sieve	D422		**24.9**	**21.3**	**13.6**	**34.9**	**19.5**
Percent passing 75 micron sieve (#200)	D422		**7.7**	**5.9**	**3.0**	**5.2**	**6.8**
Percent passing 8.0 micron	D422		**75.7**	**72.8**	**39.9**	**87.6**	**96.5**
Percent retained 16K micron sieve	D422		**62.9**	**54.2**	**23.8**	**67.1**	**82.6**
Percent retained 30 micron sieve	D422		**48.1**	**43.4**	**20.3**	**55.4**	**53.0**
Sand	D422		**78.4**	**78.6**	**53.8**	**93.0**	**93.2**
Silt	D422		**7.7**	**5.9**	**3.0**	**5.2**	**6.8**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.027 U	0.026 U	0.023 U	0.025 U	0.025 U
Aroclor 1221	SW8082A		0.027 U	0.026 U	0.023 U	0.025 U	0.025 U
Aroclor 1232	SW8082A		0.027 U	0.026 U	0.023 U	0.025 U	0.025 U
Aroclor 1242	SW8082A		0.027 U	0.026 U	0.023 U	0.025 U	0.025 U
Aroclor 1248	SW8082A		0.027 U	0.026 U	0.023 U	0.025 U	0.025 U
Aroclor 1254	SW8082A		0.027 U	0.026 U	0.023 U	0.025 U	0.025 U
Aroclor 1260	SW8082A		**0.0264 J**	**0.0089 J**	0.023 U	**0.0191 J**	**0.0113 J**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0264 J**	**0.0089 J**	0.019 U	**0.0191 J**	**0.0113 J**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R9-ST011-COMP R9-ST011-COMP-241112-00-0.33 11/12/2024 0 - 0.33 ft N SE	R9-ST012-COMP R9-ST012-COMP-241112-00-0.33 11/12/2024 0 - 0.33 ft N SE	R9-ST013-COMP R9-ST013-COMP-241112-00-0.33 11/12/2024 0 - 0.33 ft N SE	R9-ST014-COMP R9-ST014-COMP-241113-00-0.33 11/13/2024 0 - 0.33 ft N SE	R9-ST015-COMP R9-ST015-COMP-241113-00-0.33 11/13/2024 0 - 0.33 ft N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.12 J**	**0.123 J**	**0.591 J**	**0.331 J**	**0.555 J**
Total solids	SM2540D		**74.1**	**77.7**	**79.3**	**81.2**	**73.2**
Grain Size (pct)							
Gravel	D422		**0**	**4.6**	**0**	**4.9**	**0**
Percent passing (hydrometer 1)	D422		**4.5**	**3.6**	**6.4**	**7.1**	**15.9**
Percent passing (hydrometer 2)	D422		**2.7**	**2.1**	**2.7**	**2.4**	**6.5**
Percent passing (hydrometer 3)	D422		**0.89**	**0.71**	**0.91**	**0.79**	**4.7**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**100**	**100**	**100**	**97.8**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**12.5**	**8.4**	**10.1**	**13.2**	**28.0**
Percent passing 2000 micron sieve (#10)	D422		**96.1**	**79.9**	**100**	**83.7**	**100**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**100**	**95.4**	**100**	**95.1**	**100**
Percent passing 50 micron sieve	D422		**27.1**	**20.9**	**31.1**	**26.7**	**62.9**
Percent passing 75 micron sieve (#200)	D422		**6.1**	**4.5**	**8.0**	**9.1**	**17.4**
Percent passing 8.0 micron	D422		**98.2**	**87.1**	**100**	**89.8**	**100**
Percent retained 16K micron sieve	D422		**86.7**	**73.4**	**93.3**	**77.2**	**99.6**
Percent retained 30 micron sieve	D422		**59.8**	**53.6**	**70.5**	**59.3**	**93.1**
Sand	D422		**94.0**	**90.9**	**92.0**	**86.0**	**82.6**
Silt	D422		**6.1**	**4.5**	**8.0**	**9.1**	**17.4**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.027 U	0.026 U	0.025 U	0.024 U	0.027 U
Aroclor 1221	SW8082A		0.027 U	0.026 U	0.025 U	0.024 U	0.027 U
Aroclor 1232	SW8082A		0.027 U	0.026 U	0.025 U	0.024 U	0.027 U
Aroclor 1242	SW8082A		0.027 U	0.026 U	0.025 U	0.024 U	0.027 U
Aroclor 1248	SW8082A		0.027 U	0.026 U	0.025 U	0.024 U	0.027 U
Aroclor 1254	SW8082A		0.027 U	0.026 U	0.025 U	0.024 U	0.027 U
Aroclor 1260	SW8082A		0.027 U	0.026 U	**0.0458**	**0.0207 J**	**0.0511**
Total PCB Aroclors (U = 0 max limit)	Calculated		0.022 U	0.021 U	**0.0458**	**0.0207 J**	**0.0511**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID: R9-ST016-COMP Sample ID: R9-ST016-COMP-241113-00-0.33 Sample Date: 11/13/2024 Depth: 0 - 0.33 ft Sample Type: N Matrix: SE	Location ID: R10-RT001-COMP Sample ID: R10-RT001-COMP-241113-00-0.33 Sample Date: 11/13/2024 Depth: 0 - 0.33 ft Sample Type: N Matrix: SE	Location ID: R10-RT002-COMP Sample ID: R10-RT002-COMP-241114-00-0.33 Sample Date: 11/14/2024 Depth: 0 - 0.33 ft Sample Type: N Matrix: SE	Location ID: R10-RT003-COMP Sample ID: R10-RT003-COMP-241114-00-0.33 Sample Date: 11/14/2024 Depth: 0 - 0.33 ft Sample Type: N Matrix: SE	Location ID: R10-ST001-COMP Sample ID: R10-ST001-COMP-241113-00-0.25 Sample Date: 11/13/2024 Depth: 0 - 0.25 ft Sample Type: N Matrix: SE
Conventional Parameters (pct)						
Total organic carbon	LloydKahn	**0.594 J**	**1.11 J**	**1.02 J**	**0.261 J**	**0.297 J**
Total solids	SM2540D	**70.6**	**62.1**	**52.8**	**84.7**	**70.7**
Grain Size (pct)						
Gravel	D422	**0**	**0**	**0**	**1.3**	**0**
Percent passing (hydrometer 1)	D422	**13.6**	**18.1**	**16.0**	**8.5**	**7.5**
Percent passing (hydrometer 2)	D422	**4.5**	**6.0**	**6.0**	**4.4**	**4.5**
Percent passing (hydrometer 3)	D422	**2.7**	**3.0**	**3.0**	**2.9**	**3.0**
Percent passing 0.375 inch (3/8 inch sieve)	D422	**100**	**100**	**100**	**100**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422	**100**	**100**	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422	**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422	**24.2**	**38.9**	**40.5**	**21.5**	**20.1**
Percent passing 2000 micron sieve (#10)	D422	**100**	**100**	**100**	**91.9**	**96.9**
Percent passing 3 inch (3 inch sieve)	D422	**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422	**100**	**100**	**100**	**98.7**	**100**
Percent passing 50 micron sieve	D422	**46.6**	**61.5**	**63.6**	**50.0**	**50.5**
Percent passing 75 micron sieve (#200)	D422	**16.4**	**20.7**	**24.3**	**10.2**	**10.1**
Percent passing 8.0 micron	D422	**100**	**100**	**100**	**96.1**	**98.6**
Percent retained 16K micron sieve	D422	**99.4**	**95.5**	**97.2**	**82.9**	**89.7**
Percent retained 30 micron sieve	D422	**95.0**	**77.4**	**81.4**	**62.6**	**67.4**
Sand	D422	**83.7**	**79.3**	**75.7**	**88.4**	**89.9**
Silt	D422	**16.4**	**20.7**	**24.3**	**10.2**	**10.1**
PCB Aroclors (mg/kg)						
Aroclor 1016	SW8082A	0.028 U	0.029 U	0.036 U	0.022 U	0.026 U
Aroclor 1221	SW8082A	0.028 U	0.029 U	0.036 U	0.022 U	0.026 U
Aroclor 1232	SW8082A	0.028 U	0.029 U	0.036 U	0.022 U	0.026 U
Aroclor 1242	SW8082A	0.028 U	0.029 U	0.036 U	0.022 U	0.026 U
Aroclor 1248	SW8082A	0.028 U	0.029 U	0.036 U	0.022 U	0.026 U
Aroclor 1254	SW8082A	0.028 U	**0.0240 J**	**0.0290 J**	**0.0060 J**	**0.0095 J**
Aroclor 1260	SW8082A	**0.0913**	**0.0918**	**0.103**	**0.0220**	**0.0317**
Total PCB Aroclors (U = 0 max limit)	Calculated	**0.0913**	**0.116 J**	**0.132 J**	**0.028 J**	**0.041 J**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R10-ST002-COMP R10-ST002-COMP-241113-00-0.25 11/13/2024 0 - 0.25 ft N SE	R10-ST003-COMP R10-ST003-COMP-241113-00-0.25 11/13/2024 0 - 0.25 ft N SE	R10-ST003-COMP R10-ST003-COMP-BD0001 11/13/2024 0 - 0.25 ft FD SE	R10-ST004-COMP R10-ST004-COMP-241114-00-0.25 11/14/2024 0 - 0.25 ft N SE	R10-ST005-COMP R10-ST005-COMP-241114-00-0.33 11/14/2024 0 - 0.33 ft N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.539 J**	**1.87 J**	**3.9 J**	**0.187 J**	**1.28 J**
Total solids	SM2540D		**64.9**	**62.8**	**73.3**	**75.5**	**56.1**
Grain Size (pct)							
Gravel	D422		**0**	**0**	**--**	**0**	**0**
Percent passing (hydrometer 1)	D422		**14.5**	**10.0**	**--**	**4.0**	**34.0**
Percent passing (hydrometer 2)	D422		**5.9**	**4.8**	**--**	**2.9**	**8.4**
Percent passing (hydrometer 3)	D422		**3.0**	**3.0**	**--**	**0.97**	**5.0**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**100**	**100**	**--**	**100**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**100**	**--**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**--**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**40.2**	**39.2**	**--**	**8.9**	**51.1**
Percent passing 2000 micron sieve (#10)	D422		**96.3**	**100**	**--**	**100**	**100**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**--**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**100**	**100**	**--**	**100**	**100**
Percent passing 50 micron sieve	D422		**87.6**	**86.0**	**--**	**23.9**	**87.4**
Percent passing 75 micron sieve (#200)	D422		**21.9**	**20.8**	**--**	**5.8**	**40.1**
Percent passing 8.0 micron	D422		**97.9**	**100**	**--**	**100**	**100**
Percent retained 16K micron sieve	D422		**95.1**	**98.4**	**--**	**98.5**	**99.8**
Percent retained 30 micron sieve	D422		**92.9**	**93.6**	**--**	**74.5**	**94.7**
Sand	D422		**78.1**	**79.3**	**--**	**94.2**	**60.0**
Silt	D422		**21.9**	**20.8**	**--**	**5.8**	**40.1**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.030 U	0.031 U	0.026 U	0.025 U	0.035 U
Aroclor 1221	SW8082A		0.030 U	0.031 U	0.026 U	0.025 U	0.035 U
Aroclor 1232	SW8082A		0.030 U	0.031 U	0.026 U	0.025 U	0.035 U
Aroclor 1242	SW8082A		0.030 U	0.031 U	0.026 U	0.025 U	0.035 U
Aroclor 1248	SW8082A		0.030 U	0.031 U	0.026 U	0.025 U	0.035 U
Aroclor 1254	SW8082A		**0.0118 J**	**0.0270 J**	**0.0121 J**	0.025 U	**0.0144 J**
Aroclor 1260	SW8082A		**0.0383**	**0.105**	**0.0467**	**0.0106 J**	**0.0564**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0501 J**	**0.132 J**	**0.0588 J**	**0.0106 J**	**0.0708 J**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID	R10-ST006-COMP	R10-ST007-COMP	R10-ST008-COMP	R10-ST009-COMP	R10-ST010-COMP
		Sample ID	R10-ST006-COMP-241114-00-0.25	R10-ST007-COMP-241114-00-0.33	R10-ST008-COMP-241114-00-0.33	R10-ST009-COMP-241114-00-0.33	R10-ST010-COMP-241114-00-0.33
		Sample Date	11/14/2024	11/14/2024	11/14/2024	11/14/2024	11/14/2024
		Depth	0 - 0.25 ft	0 - 0.33 ft	0 - 0.33 ft	0 - 0.33 ft	0 - 0.33 ft
		Sample Type	N	N	N	N	N
		Matrix	SE	SE	SE	SE	SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.223 J**	**0.748 J**	**0.373 J**	**0.339 J**	**0.677 J**
Total solids	SM2540D		**79.1**	**57.9**	**68.7**	**81.3**	**78.0**
Grain Size (pct)							
Gravel	D422		**1.2**	**0**	**0**	**2.2**	**0**
Percent passing (hydrometer 1)	D422		**8.5**	**22.9**	**12.0**	**5.5**	**8.2**
Percent passing (hydrometer 2)	D422		**4.3**	**7.9**	**4.0**	**2.4**	**2.7**
Percent passing (hydrometer 3)	D422		**3.0**	**2.8**	**0.97**	**0.78**	**0.91**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**25.9**	**39.5**	**33.4**	**8.9**	**24.8**
Percent passing 2000 micron sieve (#10)	D422		**93.4**	**100**	**100**	**87.2**	**95.3**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**98.8**	**100**	**100**	**97.8**	**100**
Percent passing 50 micron sieve	D422		**41.1**	**83.2**	**61.3**	**16.9**	**61.9**
Percent passing 75 micron sieve (#200)	D422		**10.6**	**28.8**	**20.4**	**6.3**	**9.6**
Percent passing 8.0 micron	D422		**96.9**	**100**	**100**	**93.0**	**97.2**
Percent retained 16K micron sieve	D422		**85.1**	**99.5**	**97.0**	**82.6**	**87.9**
Percent retained 30 micron sieve	D422		**58.9**	**92.4**	**86.6**	**56.9**	**77.2**
Sand	D422		**88.1**	**71.2**	**79.6**	**91.5**	**90.4**
Silt	D422		**10.6**	**28.8**	**20.4**	**6.3**	**9.6**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.025 U	0.031 U	0.027 U	0.024 U	0.025 U
Aroclor 1221	SW8082A		0.025 U	0.031 U	0.027 U	0.024 U	0.025 U
Aroclor 1232	SW8082A		0.025 U	0.031 U	0.027 U	0.024 U	0.025 U
Aroclor 1242	SW8082A		0.025 U	0.031 U	0.027 U	0.024 U	0.025 U
Aroclor 1248	SW8082A		0.025 U	0.031 U	0.027 U	0.024 U	0.025 U
Aroclor 1254	SW8082A		0.025 U	**0.0247 J**	**0.0105 J**	0.024 U	**0.0091 J**
Aroclor 1260	SW8082A		**0.0280**	**0.106**	**0.0391**	**0.0173 J**	**0.0358**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0280**	**0.131 J**	**0.0496 J**	**0.0173 J**	**0.045 J**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID	R10-ST011-COMP	R10-ST012-COMP	R11-RT001-COMP	R11-RT002-COMP	R11-RT003-COMP
		Sample ID	R10-ST011-COMP-241114-00-0.33	R10-ST012-COMP-241114-00-0.33	R11-RT001-COMP-241028-00-0.25	R11-RT002-COMP-241029-00-0.33	R11-RT003-COMP-241030-00-0.25
		Sample Date	11/14/2024	11/14/2024	10/28/2024	10/29/2024	10/30/2024
		Depth	0 - 0.33 ft	0 - 0.33 ft	0 - 0.25 ft	0 - 0.33 ft	0 - 0.25 ft
		Sample Type	N	N	N	N	N
		Matrix	SE	SE	SE	SE	SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.448 J**	**2.32 J**	**0.361 J**	**0.162 J**	**0.109 J**
Total solids	SM2540D		**73.5**	**56.7**	**80.4**	**80.2**	**81.2**
Grain Size (pct)							
Gravel	D422		**0**	**0**	**10.0**	**0**	**1.5**
Percent passing (hydrometer 1)	D422		**12.2**	**18.6**	**3.9**	**4.9**	**4.7**
Percent passing (hydrometer 2)	D422		**6.6**	**6.9**	**2.3**	**2.9**	**2.8**
Percent passing (hydrometer 3)	D422		**2.8**	**4.9**	**0.78**	**0.98**	**0.93**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**100**	**100**	**97.3**	**100**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**28.9**	**38.1**	**5.8**	**10.4**	**7.3**
Percent passing 2000 micron sieve (#10)	D422		**100**	**100**	**76.7**	**96.3**	**93.2**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**100**	**100**	**90.0**	**100**	**98.5**
Percent passing 50 micron sieve	D422		**42.4**	**66.9**	**18.5**	**28.6**	**17.0**
Percent passing 75 micron sieve (#200)	D422		**16.2**	**22.6**	**4.8**	**6.7**	**5.2**
Percent passing 8.0 micron	D422		**100**	**100**	**82.1**	**99.3**	**95.5**
Percent retained 16K micron sieve	D422		**96.1**	**95.6**	**73.0**	**87.0**	**70.1**
Percent retained 30 micron sieve	D422		**74.4**	**83.2**	**57.8**	**63.3**	**38.0**
Sand	D422		**83.8**	**77.4**	**85.2**	**93.4**	**93.3**
Silt	D422		**16.2**	**22.6**	**4.8**	**6.7**	**5.2**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.025 U	0.033 U	0.023 U	0.024 U	0.024 U
Aroclor 1221	SW8082A		0.025 U	0.033 U	0.023 U	0.024 U	0.024 U
Aroclor 1232	SW8082A		0.025 U	0.033 U	0.023 U	0.024 U	0.024 U
Aroclor 1242	SW8082A		0.025 U	0.033 U	0.023 U	0.024 U	0.024 U
Aroclor 1248	SW8082A		0.025 U	0.033 U	0.023 U	0.024 U	0.024 U
Aroclor 1254	SW8082A		**0.0148 J**	**0.0210 J**	0.023 U	0.024 U	0.024 U
Aroclor 1260	SW8082A		**0.0625**	**0.0642**	0.023 U	**0.0089 J**	0.024 U
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0773 J**	**0.0852 J**	0.019 U	**0.0089 J**	0.020 U

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R11-ST001-COMP R11-ST001-COMP-241028-00-0.17 10/28/2024 0 - 0.17 ft N SE	R11-ST002-COMP R11-ST002-COMP-241028-00-0.25 10/28/2024 0 - 0.25 ft N SE	R11-ST003-COMP R11-ST003-COMP-241028-00-0.5 10/28/2024 0 - 0.5 ft N SE	R11-ST004-COMP R11-ST004-COMP-241028-00-0.25 10/28/2024 0 - 0.25 ft N SE	R11-ST005-COMP R11-ST005-COMP-241029-00-0.25 10/29/2024 0 - 0.25 ft N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.202 J**	**0.132 J**	**0.0373 J**	**0.0802 J**	**0.21 J**
Total solids	SM2540D		**71.5**	**82.5**	**72.6**	**80.7**	**85.5**
Grain Size (pct)							
Gravel	D422		**0**	**4.6**	**0**	**0**	**1.2**
Percent passing (hydrometer 1)	D422		**5.6**	**2.4**	**5.0**	**8.7**	**4.4**
Percent passing (hydrometer 2)	D422		**3.4**	**2.4**	**3.0**	**2.9**	**2.6**
Percent passing (hydrometer 3)	D422		**1.1**	**0.80**	**1.0**	**0.96**	**0.59**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**6.7**	**6.8**	**11.6**	**25.1**	**8.0**
Percent passing 2000 micron sieve (#10)	D422		**100**	**80.7**	**95.4**	**95.5**	**89.2**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**100**	**95.4**	**100**	**100**	**98.8**
Percent passing 50 micron sieve	D422		**18.6**	**23.5**	**45.8**	**47.5**	**20.8**
Percent passing 75 micron sieve (#200)	D422		**5.9**	**3.3**	**5.7**	**10.0**	**5.1**
Percent passing 8.0 micron	D422		**100**	**87.2**	**97.9**	**98.3**	**94.3**
Percent retained 16K micron sieve	D422		**93.0**	**68.8**	**92.5**	**87.3**	**83.3**
Percent retained 30 micron sieve	D422		**60.4**	**52.1**	**77.8**	**71.8**	**53.2**
Sand	D422		**94.1**	**92.2**	**94.3**	**90.0**	**93.7**
Silt	D422		**5.9**	**3.3**	**5.7**	**10.0**	**5.1**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.027 U	0.023 U	0.026 U	0.023 U	0.022 U
Aroclor 1221	SW8082A		0.027 U	0.023 U	0.026 U	0.023 U	0.022 U
Aroclor 1232	SW8082A		0.027 U	0.023 U	0.026 U	0.023 U	0.022 U
Aroclor 1242	SW8082A		0.027 U	0.023 U	0.026 U	0.023 U	0.022 U
Aroclor 1248	SW8082A		0.027 U	0.023 U	0.026 U	0.023 U	0.022 U
Aroclor 1254	SW8082A		0.027 U	0.023 U	0.026 U	0.023 U	0.022 U
Aroclor 1260	SW8082A		**0.0101 J**	0.023 U	0.026 U	**0.0228 J**	0.022 U
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0101 J**	0.019 U	0.022 U	**0.0228 J**	0.018 U

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R11-ST006-COMP R11-ST006-COMP-241029-00-0.25 10/29/2024 0 - 0.25 ft N SE	R11-ST007-COMP R11-ST007-COMP-241029-00-0.25 10/29/2024 0 - 0.25 ft N SE	R11-ST008-COMP R11-ST008-COMP-241029-00-0.33 10/29/2024 0 - 0.33 ft N SE	R11-ST009-COMP R11-ST009-COMP-241029-00-0.25 10/29/2024 0 - 0.25 ft N SE	R11-ST010-COMP R11-ST010-COMP-241029-00-0.17 10/29/2024 0 - 0.17 ft N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.142 J**	**0.208 J**	**0.155 J**	**0.127 J**	**0.102 J**
Total solids	SM2540D		**82.6**	**83.4**	**80.9**	**83.4**	**85.1**
Grain Size (pct)							
Gravel	D422		**9.9**	**5.0**	**3.2**	**2.9**	**2.1**
Percent passing (hydrometer 1)	D422		**2.1**	**3.7**	**4.2**	**5.3**	**3.2**
Percent passing (hydrometer 2)	D422		**2.1**	**2.2**	**2.5**	**2.3**	**1.9**
Percent passing (hydrometer 3)	D422		**0.71**	**0.73**	**0.84**	**0.76**	**0.64**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**97.4**	**100**	**100**	**100**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**4.1**	**4.8**	**7.1**	**6.3**	**5.6**
Percent passing 2000 micron sieve (#10)	D422		**69.6**	**73.7**	**82.1**	**75.7**	**65.8**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**90.1**	**95.0**	**96.8**	**97.1**	**97.9**
Percent passing 50 micron sieve	D422		**13.5**	**9.4**	**19.7**	**8.4**	**14.9**
Percent passing 75 micron sieve (#200)	D422		**2.8**	**4.1**	**4.4**	**6.0**	**3.5**
Percent passing 8.0 micron	D422		**79.3**	**83.5**	**89.2**	**87.1**	**84.6**
Percent retained 16K micron sieve	D422		**49.6**	**48.3**	**71.3**	**45.5**	**52.1**
Percent retained 30 micron sieve	D422		**32.4**	**26.2**	**46.1**	**19.3**	**32.5**
Sand	D422		**87.4**	**90.9**	**92.4**	**91.1**	**94.3**
Silt	D422		**2.8**	**4.1**	**4.4**	**6.0**	**3.5**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.023 U	0.024 U	0.023 U	0.023 U	0.023 U
Aroclor 1221	SW8082A		0.023 U	0.024 U	0.023 U	0.023 U	0.023 U
Aroclor 1232	SW8082A		0.023 U	0.024 U	0.023 U	0.023 U	0.023 U
Aroclor 1242	SW8082A		0.023 U	0.024 U	0.023 U	0.023 U	0.023 U
Aroclor 1248	SW8082A		0.023 U	0.024 U	0.023 U	0.023 U	0.023 U
Aroclor 1254	SW8082A		0.023 U	0.024 U	0.023 U	0.023 U	0.023 U
Aroclor 1260	SW8082A		0.023 U	0.024 U	0.023 U	**0.0082 J**	0.023 U
Total PCB Aroclors (U = 0 max limit)	Calculated		0.019 U	0.020 U	0.019 U	**0.0082 J**	0.019 U

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R11-ST011-COMP R11-ST011-COMP-241030-00-0.25 10/30/2024 0 - 0.25 ft N SE	R11-ST012-COMP R11-ST012-COMP-241030-00-0.25 10/30/2024 0 - 0.25 ft N SE	R12-RT001-COMP R12-RT001-COMP-241031-00-0.17 10/31/2024 0 - 0.17 ft N SE	R12-RT001-COMP R12-RT001-COMP-BD0001 10/31/2024 0 - 0.17 ft FD SE	R12-RT002-COMP R12-RT002-COMP-241031-00-0.25 10/31/2024 0 - 0.25 ft N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.0782 J**	**0.138 J**	**0.104 J**	**0.145 J**	**0.18 J**
Total solids	SM2540D		**83.3**	**82.5**	**81.9**	**83.3**	**82.8**
Grain Size (pct)							
Gravel	D422		**5.5**	**2.4**	**11.8**	**--**	**13.9**
Percent passing (hydrometer 1)	D422		**3.2**	**4.0**	**2.8**	**--**	**2.6**
Percent passing (hydrometer 2)	D422		**1.9**	**2.4**	**1.7**	**--**	**1.6**
Percent passing (hydrometer 3)	D422		**0.64**	**0.81**	**0.56**	**--**	**0.53**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**100**	**100**	**97.1**	**--**	**97.6**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**100**	**100**	**--**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**--**	**100**
Percent passing 150 micron sieve (#100)	D422		**5.0**	**6.5**	**6.1**	**--**	**5.3**
Percent passing 2000 micron sieve (#10)	D422		**64.7**	**80.4**	**59.5**	**--**	**50.0**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**--**	**100**
Percent passing 4750 micron sieve (#4)	D422		**94.5**	**97.6**	**88.2**	**--**	**86.1**
Percent passing 50 micron sieve	D422		**7.8**	**15.9**	**17.4**	**--**	**17.5**
Percent passing 75 micron sieve (#200)	D422		**4.4**	**4.3**	**3.4**	**--**	**3.6**
Percent passing 8.0 micron	D422		**82.5**	**90.6**	**75.1**	**--**	**70.7**
Percent retained 16K micron sieve	D422		**38.6**	**65.3**	**49.7**	**--**	**44.3**
Percent retained 30 micron sieve	D422		**16.7**	**37.6**	**36.0**	**--**	**37.1**
Sand	D422		**90.1**	**93.3**	**84.9**	**--**	**82.5**
Silt	D422		**4.4**	**4.3**	**3.4**	**--**	**3.6**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.023 U	0.023 U	0.024 U	0.024 U	0.023 U
Aroclor 1221	SW8082A		0.023 U	0.023 U	0.024 U	0.024 U	0.023 U
Aroclor 1232	SW8082A		0.023 U	0.023 U	0.024 U	0.024 U	0.023 U
Aroclor 1242	SW8082A		0.023 U	0.023 U	0.024 U	0.024 U	0.023 U
Aroclor 1248	SW8082A		0.023 U	0.023 U	0.024 U	0.024 U	0.023 U
Aroclor 1254	SW8082A		0.023 U	0.023 U	0.024 U	0.024 U	0.023 U
Aroclor 1260	SW8082A		0.023 U	0.023 U	0.024 U	0.024 U	0.023 U
Total PCB Aroclors (U = 0 max limit)	Calculated		0.019 U	0.019 U	0.020 U	0.020 U	0.019 U

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID	Sample ID	Sample Date	Depth	Sample Type	Matrix
		R12-ST001-COMP	R12-ST001-COMP-241031-00-0.25	10/31/2024	0 - 0.25 ft	N	SE
		R12-ST002-COMP	R12-ST002-COMP-241031-00-0.17	10/31/2024	0 - 0.17 ft	N	SE
		R12-ST003-COMP	R12-ST003-COMP-241031-00-0.17	10/31/2024	0 - 0.17 ft	N	SE
		R12-ST004-COMP	R12-ST004-COMP-241031-00-0.33	10/31/2024	0 - 0.33 ft	N	SE
		R12-ST005-COMP	R12-ST005-COMP-241030-00-0.17	10/30/2024	0 - 0.17 ft	N	SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn	**0.305 J**	**0.171 J**	**0.184 J**	**0.456 J**	**0.664 J**	
Total solids	SM2540D	**89.2**	**82.3**	**85.2**	**68.6**	**30.3 J**	
Grain Size (pct)							
Gravel	D422	**1.5**	**7.1**	**13.5**	**2.1 J**	**5.8**	
Percent passing (hydrometer 1)	D422	**4.6**	**3.7**	**2.7**	**4.9**	**3.0**	
Percent passing (hydrometer 2)	D422	**2.7**	**2.3**	**1.6**	**3.0**	**1.8**	
Percent passing (hydrometer 3)	D422	**0.91**	**0.75**	**0.55**	**0.99**	**0.61**	
Percent passing 0.375 inch (3/8 inch sieve)	D422	**100**	**97.3**	**96.3**	**100**	**100**	
Percent passing 0.75 inch (3/4 inch sieve)	D422	**100**	**100**	**100**	**100**	**100**	
Percent passing 1.5 inch (1.5 inch sieve)	D422	**100**	**100**	**100**	**100**	**100**	
Percent passing 150 micron sieve (#100)	D422	**12.3**	**8.3**	**5.2**	**22.5**	**8.1**	
Percent passing 2000 micron sieve (#10)	D422	**89.5**	**74.8**	**53.9**	**93.9**	**64.7**	
Percent passing 3 inch (3 inch sieve)	D422	**100**	**100**	**100**	**100**	**100**	
Percent passing 4750 micron sieve (#4)	D422	**98.5**	**92.9**	**86.5**	**97.9**	**94.3**	
Percent passing 50 micron sieve	D422	**29.4**	**26.7**	**10.0**	**57.1**	**19.2**	
Percent passing 75 micron sieve (#200)	D422	**6.3**	**4.5**	**4.0**	**9.2**	**4.3**	
Percent passing 8.0 micron	D422	**93.6**	**82.8**	**72.2**	**95.7**	**81.0**	
Percent retained 16K micron sieve	D422	**76.8**	**67.7**	**41.0**	**89.2**	**53.4**	
Percent retained 30 micron sieve	D422	**52.8**	**49.3**	**22.5**	**80.2**	**37.6**	
Sand	D422	**92.2**	**88.4**	**82.5**	**88.7**	**90.0**	
Silt	D422	**6.3**	**4.5**	**4.0**	**9.2**	**4.3**	
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A	0.022 U	0.023 U	0.022 U	0.025 U	0.066 UJ	
Aroclor 1221	SW8082A	0.022 U	0.023 U	0.022 U	0.025 U	0.066 UJ	
Aroclor 1232	SW8082A	0.022 U	0.023 U	0.022 U	0.025 U	0.066 UJ	
Aroclor 1242	SW8082A	0.022 U	0.023 U	0.022 U	0.025 U	0.066 UJ	
Aroclor 1248	SW8082A	0.022 U	0.023 U	0.022 U	0.025 U	0.066 UJ	
Aroclor 1254	SW8082A	0.022 U	0.023 U	0.022 U	0.025 U	0.066 UJ	
Aroclor 1260	SW8082A	**0.0078 J**	0.023 U	0.022 U	0.025 U	**0.0243 J**	
Total PCB Aroclors (U = 0 max limit)	Calculated	**0.0078 J**	0.019 U	0.018 U	0.021 U	**0.0243 J**	

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID	R12-ST006-COMP	R12-ST007-COMP	R12-ST008-COMP	R13-RT001-COMP	R13-RT002-COMP
		Sample ID	R12-ST006-COMP-241031-00-0.25	R12-ST007-COMP-241101-00-0.25	R12-ST008-COMP-241101-00-0.33	R13-RT001-COMP-241105-00-0.25	R13-RT002-COMP-241106-00-0.25
		Sample Date	10/31/2024	11/1/2024	11/1/2024	11/5/2024	11/6/2024
		Depth	0 - 0.25 ft	0 - 0.25 ft	0 - 0.33 ft	0 - 0.25 ft	0 - 0.25 ft
		Sample Type	N	N	N	N	N
		Matrix	SE	SE	SE	SE	SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.163 J**	**0.192 J**	**0.913 J**	**0.166 J**	**0.37 J**
Total solids	SM2540D		**80.5**	**86.6**	**88.4**	**83.8**	**74.6**
Grain Size (pct)							
Gravel	D422		**32.0**	**1.4**	**0**	**14.6**	**7.5**
Percent passing (hydrometer 1)	D422		**2.2**	**4.3**	**26.1**	**2.0**	**3.9**
Percent passing (hydrometer 2)	D422		**1.3**	**2.6**	**10.6**	**2.0**	**2.4**
Percent passing (hydrometer 3)	D422		**0.43**	**0.87**	**6.8**	**0.65**	**0.79**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**86.7**	**100**	**100**	**95.9**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**96.0**	**100**	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**7.3**	**9.4**	**41.7**	**3.2**	**13.8**
Percent passing 2000 micron sieve (#10)	D422		**42.7**	**84.7**	**100**	**64.9**	**83.0**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**68.0**	**98.6**	**100**	**85.4**	**92.5**
Percent passing 50 micron sieve	D422		**19.7**	**23.2**	**64.1**	**6.3**	**37.3**
Percent passing 75 micron sieve (#200)	D422		**3.3**	**6.2**	**28.4**	**2.5**	**7.1**
Percent passing 8.0 micron	D422		**54.5**	**90.3**	**100**	**74.1**	**87.3**
Percent retained 16K micron sieve	D422		**36.9**	**73.3**	**97.1**	**43.4**	**76.2**
Percent retained 30 micron sieve	D422		**31.6**	**49.8**	**80.4**	**18.4**	**68.3**
Sand	D422		**64.7**	**92.4**	**71.6**	**82.9**	**85.4**
Silt	D422		**3.3**	**6.2**	**28.4**	**2.5**	**7.1**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.025 U	0.023 U	0.023 U	0.023 U	0.027 U
Aroclor 1221	SW8082A		0.025 U	0.023 U	0.023 U	0.023 U	0.027 U
Aroclor 1232	SW8082A		0.025 U	0.023 U	0.023 U	0.023 U	0.027 U
Aroclor 1242	SW8082A		0.025 U	0.023 U	0.023 U	0.023 U	0.027 U
Aroclor 1248	SW8082A		0.025 U	0.023 U	0.023 U	0.023 U	0.027 U
Aroclor 1254	SW8082A		0.025 U	0.023 U	0.023 U	0.023 U	0.027 U
Aroclor 1260	SW8082A		0.025 U	**0.0086 J**	0.023 U	0.023 U	**0.0115 J**
Total PCB Aroclors (U = 0 max limit)	Calculated		0.021 U	**0.0086 J**	0.019 U	0.019 U	**0.0115 J**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID	R13-RT002-COMP	R13-ST001-COMP	R13-ST002-COMP	R13-ST003-COMP	R13-ST004-COMP
		Sample ID	R13-RT002-COMP-BD0001	R13-ST001-COMP-241107-00-0.25	R13-ST002-COMP-241105-00-0.25	R13-ST003-COMP-241105-00-0.25	R13-ST004-COMP-241105-00-0.25
		Sample Date	11/6/2024	11/7/2024	11/5/2024	11/5/2024	11/5/2024
		Depth	0 - 0.25 ft	0 - 0.25 ft	0 - 0.25 ft	0 - 0.25 ft	0 - 0.25 ft
		Sample Type	FD	N	N	N	N
		Matrix	SE	SE	SE	SE	SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.575 J**	**0.111 J**	**0.144 J**	**0.349 J**	**0.142 J**
Total solids	SM2540D		**75.3**	**73.0**	**84.1**	**83.0**	**81.5**
Grain Size (pct)							
Gravel	D422		--	**0**	**12.4**	**13.6**	**11.7**
Percent passing (hydrometer 1)	D422		--	**2.7**	**1.9**	**3.3**	**2.1**
Percent passing (hydrometer 2)	D422		--	**2.7**	**1.9**	**2.0**	**0.71**
Percent passing (hydrometer 3)	D422		--	**0.88**	**0.63**	**0.66**	**0.71**
Percent passing 0.375 inch (3/8 inch sieve)	D422		--	**100**	**95.2**	**93.9**	**95.1**
Percent passing 0.75 inch (3/4 inch sieve)	D422		--	**100**	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		--	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		--	**5.4**	**3.2**	**5.3**	**6.4**
Percent passing 2000 micron sieve (#10)	D422		--	**96.1**	**67.2**	**67.3**	**70.1**
Percent passing 3 inch (3 inch sieve)	D422		--	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		--	**100**	**87.6**	**86.4**	**88.3**
Percent passing 50 micron sieve	D422		--	**11.2**	**7.1**	**14.9**	**13.7**
Percent passing 75 micron sieve (#200)	D422		--	**4.8**	**2.4**	**3.4**	**4.7**
Percent passing 8.0 micron	D422		--	**97.5**	**76.5**	**77.3**	**78.4**
Percent retained 16K micron sieve	D422		--	**93.3**	**51.5**	**53.2**	**53.0**
Percent retained 30 micron sieve	D422		--	**69.0**	**21.1**	**32.8**	**30.5**
Sand	D422		--	**95.2**	**85.3**	**83.0**	**83.6**
Silt	D422		--	**4.8**	**2.4**	**3.4**	**4.7**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.026 U	0.027 U	0.022 U	0.023 U	0.023 U
Aroclor 1221	SW8082A		0.026 U	0.027 U	0.022 U	0.023 U	0.023 U
Aroclor 1232	SW8082A		0.026 U	0.027 U	0.022 U	0.023 U	0.023 U
Aroclor 1242	SW8082A		0.026 U	0.027 U	0.022 U	0.023 U	0.023 U
Aroclor 1248	SW8082A		0.026 U	0.027 U	0.022 U	0.023 U	0.023 U
Aroclor 1254	SW8082A		0.026 U	0.027 U	0.022 U	0.023 U	0.023 U
Aroclor 1260	SW8082A		**0.0103 J**	**0.0110 J**	0.022 U	0.023 U	0.023 U
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0103 J**	**0.0110 J**	0.018 U	0.019 U	0.019 U

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID	R13-ST005-COMP	R13-ST006-COMP	R13-ST008-COMP	R14-RT001-COMP	R14-RT002-COMP
		Sample ID	R13-ST005-COMP-241106-00-0.25	R13-ST006-COMP-241106-00-0.25	R13-ST008-COMP-241106-00-0.25	R14-RT001-COMP-241210-00-0.5	R14-RT002-COMP-241210-00-0.5
		Sample Date	11/6/2024	11/6/2024	11/6/2024	12/10/2024	12/10/2024
		Depth	0 - 0.25 ft	0 - 0.25 ft	0 - 0.25 ft	0 - 0.5 ft	0 - 0.5 ft
		Sample Type	N	N	N	N	N
		Matrix	SE	SE	SE	SE	SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.416 J**	**0.806 J**	**0.599 J**	**3.33 J**	**4.32 J**
Total solids	SM2540D		**85.5**	**75.4**	**83.0**	**39.8**	**34.2**
Grain Size (pct)							
Gravel	D422		**12.0**	**11.4**	**29.8**	**0.10**	**0**
Percent passing (hydrometer 1)	D422		**5.8**	**9.9**	**3.8**	**62.9**	**54.0**
Percent passing (hydrometer 2)	D422		**1.9**	**3.8**	**1.3**	**8.0**	**20.0**
Percent passing (hydrometer 3)	D422		**0.65**	**2.3**	**0.42**	**3.4**	**10.1**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**95.7**	**96.9**	**87.5**	**100**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**100**	**95.9**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**13.0**	**23.1**	**11.0**	**83.9**	**93.2**
Percent passing 2000 micron sieve (#10)	D422		**66.9**	**67.8**	**40.6**	**99.7**	**100**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**88.0**	**88.6**	**70.2**	**99.9**	**100**
Percent passing 50 micron sieve	D422		**23.0**	**33.3**	**21.8**	**95.2**	**97.4**
Percent passing 75 micron sieve (#200)	D422		**8.1**	**12.7**	**5.9**	**68.8**	**80.5**
Percent passing 8.0 micron	D422		**76.8**	**76.7**	**54.6**	**99.8**	**100**
Percent retained 16K micron sieve	D422		**50.9**	**50.7**	**35.7**	**99.5**	**99.9**
Percent retained 30 micron sieve	D422		**34.6**	**44.8**	**30.9**	**96.9**	**98.5**
Sand	D422		**79.9**	**75.9**	**64.4**	**31.1**	**19.5**
Silt	D422		**8.1**	**12.7**	**5.9**	**68.8**	**80.5**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.022 U	0.025 U	0.024 U	0.047 U	0.056 U
Aroclor 1221	SW8082A		0.022 U	0.025 U	0.024 U	0.047 U	0.056 U
Aroclor 1232	SW8082A		0.022 U	0.025 U	0.024 U	0.047 U	0.056 U
Aroclor 1242	SW8082A		0.022 U	0.025 U	0.024 U	0.047 U	0.056 U
Aroclor 1248	SW8082A		0.022 U	0.025 U	0.024 U	0.047 U	0.056 U
Aroclor 1254	SW8082A		0.022 U	0.025 U	0.024 U	**0.0156 J**	**0.0242 J**
Aroclor 1260	SW8082A		0.022 U	**0.0240 J**	**0.0255**	**0.0500**	**0.0813**
Total PCB Aroclors (U = 0 max limit)	Calculated		0.018 U	**0.0240 J**	**0.0255**	**0.0656 J**	**0.106 J**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R14-RT003-COMP R14-RT003-COMP-241119-00-0.5 11/19/2024 0 - 0.5 ft N SE	R14-RT004-COMP R14-RT004-COMP-241122-00-0.5 11/22/2024 0 - 0.5 ft N SE	R14-ST001-COMP R14-ST001-COMP-241119-00-0.33 11/19/2024 0 - 0.33 ft N SE	R14-ST002-COMP R14-ST002-COMP-241119-00-0.33 11/19/2024 0 - 0.33 ft N SE	R14-ST003-COMP R14-ST003-COMP-241210-00-0.5 12/10/2024 0 - 0.5 ft N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**4.06 J**	**4.6 J**	**2.59 J**	**1.41 J**	**4.16 J**
Total solids	SM2540D		**40.9**	**34.5**	**50.4**	**54.8**	**32.9**
Grain Size (pct)							
Gravel	D422		**0**	**0**	**0**	**0**	**0**
Percent passing (hydrometer 1)	D422		**38.0**	**37.7**	**18.0**	**11.5**	**64.0**
Percent passing (hydrometer 2)	D422		**10.2**	**10.0**	**6.2**	**4.0**	**19.0**
Percent passing (hydrometer 3)	D422		**7.3**	**6.5**	**3.3**	**0.94**	**5.5**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**74.1**	**68.2**	**62.5**	**21.5**	**91.1**
Percent passing 2000 micron sieve (#10)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 50 micron sieve	D422		**89.9**	**79.1**	**74.5**	**33.6**	**95.6**
Percent passing 75 micron sieve (#200)	D422		**59.7**	**58.0**	**49.2**	**17.1**	**80.8**
Percent passing 8.0 micron	D422		**100**	**100**	**100**	**100**	**100**
Percent retained 16K micron sieve	D422		**99.5**	**96.8**	**99.3**	**85.6**	**99.9**
Percent retained 30 micron sieve	D422		**96.3**	**89.5**	**92.8**	**62.5**	**97.2**
Sand	D422		**40.3**	**42.0**	**50.8**	**82.9**	**19.2**
Silt	D422		**59.7**	**58.0**	**49.2**	**17.1**	**80.8**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.045 U	0.057 U	0.037 U	0.034 U	0.058 U
Aroclor 1221	SW8082A		0.045 U	0.057 U	0.037 U	0.034 U	0.058 U
Aroclor 1232	SW8082A		0.045 U	0.057 U	0.037 U	0.034 U	0.058 U
Aroclor 1242	SW8082A		0.045 U	0.057 U	0.037 U	0.034 U	0.058 U
Aroclor 1248	SW8082A		0.045 U	0.057 U	0.037 U	0.034 U	0.058 U
Aroclor 1254	SW8082A		0.045 U	0.057 U	0.037 U	0.034 U	0.058 U
Aroclor 1260	SW8082A		**0.0957 J**	**0.0433 J**	**0.0462**	**0.0342**	**0.0441 J**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0957 J**	**0.0433 J**	**0.0462**	**0.0342**	**0.0441 J**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R14-ST004-COMP R14-ST004-COMP-241119-00-0.5 11/19/2024 0 - 0.5 ft N SE	R14-ST004-COMP R14-ST004-COMP-BD0001 11/19/2024 0 - 0.5 ft FD SE	R14-ST005-COMP R14-ST005-COMP-241120-00-0.33 11/20/2024 0 - 0.33 ft N SE	R14-ST006-COMP R14-ST006-COMP-241121-00-0.5 11/21/2024 0 - 0.5 ft N SE	R14-ST007-COMP R14-ST007-COMP-241121-00-0.5 11/21/2024 0 - 0.5 ft N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**2.9 J**	**1.79 J**	**2.67 J**	**4.72 J**	**3.5 J**
Total solids	SM2540D		**39.3**	**54.1**	**41.2**	**36.1**	**41.0**
Grain Size (pct)							
Gravel	D422		**0**	--	**0**	**0**	**0**
Percent passing (hydrometer 1)	D422		**17.5**	--	**24.0**	**48.0**	**38.0**
Percent passing (hydrometer 2)	D422		**6.5**	--	**9.0**	**11.0**	**12.0**
Percent passing (hydrometer 3)	D422		**8.0**	--	**5.0**	**5.9**	**3.0**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**100**	--	**100**	**100**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	--	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	--	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**35.9**	--	**49.5**	**77.2**	**86.6**
Percent passing 2000 micron sieve (#10)	D422		**100**	--	**100**	**100**	**100**
Percent passing 3 inch (3 inch sieve)	D422		**100**	--	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**100**	--	**100**	**100**	**100**
Percent passing 50 micron sieve	D422		**58.5**	--	**87.1**	**93.6**	**94.7**
Percent passing 75 micron sieve (#200)	D422		**27.7**	--	**40.3**	**63.6**	**63.5**
Percent passing 8.0 micron	D422		**100**	--	**100**	**100**	**100**
Percent retained 16K micron sieve	D422		**99.4**	--	**99.6**	**99.5**	**99.8**
Percent retained 30 micron sieve	D422		**94.3**	--	**96.3**	**96.5**	**96.9**
Sand	D422		**72.3**	--	**59.7**	**36.4**	**36.5**
Silt	D422		**27.7**	--	**40.3**	**63.6**	**63.5**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.049 U	0.035 U	0.045 U	0.053 U	0.048 U
Aroclor 1221	SW8082A		0.049 U	0.035 U	0.045 U	0.053 U	0.048 U
Aroclor 1232	SW8082A		0.049 U	0.035 U	0.045 U	0.053 U	0.048 U
Aroclor 1242	SW8082A		0.049 U	0.035 U	0.045 U	0.053 U	0.048 U
Aroclor 1248	SW8082A		0.049 U	0.035 U	0.045 U	0.053 U	0.048 U
Aroclor 1254	SW8082A		0.049 U	0.035 U	0.045 U	0.053 U	0.048 U
Aroclor 1260	SW8082A		**0.0924**	**0.0617**	**0.0985**	**0.129**	**0.113**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0924**	**0.0617**	**0.0985**	**0.129**	**0.113**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R14-ST008-COMP R14-ST008-COMP-241121-00-0.5 11/21/2024 0 - 0.5 ft N SE	R14-ST009-COMP R14-ST009-COMP-241210-00-0.5 12/10/2024 0 - 0.5 ft N SE	R14-ST010-COMP R14-ST010-COMP-241210-00-0.5 12/10/2024 0 - 0.5 ft N SE	R14-ST011-COMP R14-ST011-COMP-241211-00-0.5 12/11/2024 0 - 0.5 ft N SE	R14-ST012-COMP R14-ST012-COMP-241211-00-0.5 12/11/2024 0 - 0.5 ft N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**5.41 J**	**5.73 J**	**3.96 J**	**4.1 J**	**3.25 J**
Total solids	SM2540D		**30.0**	**25.5**	**39.4**	**34.4**	**29.2**
Grain Size (pct)							
Gravel	D422		**0**	**0**	**0.060**	**0**	**2.5**
Percent passing (hydrometer 1)	D422		**58.4**	**85.0**	**57.0**	**63.0**	**56.0**
Percent passing (hydrometer 2)	D422		**16.4**	**23.0**	**25.0**	**27.5**	**28.0**
Percent passing (hydrometer 3)	D422		**9.0**	**6.0**	**5.2**	**6.4**	**3.9**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**100**	**100**	**100**	**100**	**97.9**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**100**	**100**	**100**	**97.9**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**59.5**	**93.8**	**67.2**	**92.2**	**75.6**
Percent passing 2000 micron sieve (#10)	D422		**100**	**97.9**	**99.5**	**99.7**	**96.5**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**100**	**100**	**99.9**	**100**	**97.5**
Percent passing 50 micron sieve	D422		**61.2**	**95.6**	**82.9**	**95.1**	**84.2**
Percent passing 75 micron sieve (#200)	D422		**59.2**	**90.3**	**58.8**	**84.9**	**70.9**
Percent passing 8.0 micron	D422		**100**	**99.3**	**99.7**	**99.8**	**96.8**
Percent retained 16K micron sieve	D422		**64.6**	**97.9**	**99.1**	**99.4**	**95.6**
Percent retained 30 micron sieve	D422		**62.0**	**96.5**	**94.7**	**96.5**	**90.3**
Sand	D422		**40.8**	**9.7**	**41.2**	**15.1**	**26.6**
Silt	D422		**59.2**	**90.3**	**58.8**	**84.9**	**70.9**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.064 U	0.074 U	0.050 U	0.054 U	0.065 U
Aroclor 1221	SW8082A		0.064 U	0.074 U	0.050 U	0.054 U	0.065 U
Aroclor 1232	SW8082A		0.064 U	0.074 U	0.050 U	0.054 U	0.065 U
Aroclor 1242	SW8082A		0.064 U	0.074 U	0.050 U	0.054 U	0.065 U
Aroclor 1248	SW8082A		0.064 U	0.074 U	0.050 U	0.054 U	0.065 U
Aroclor 1254	SW8082A		0.064 U	**0.0372 J**	**0.0235 J**	**0.0229 J**	**0.0415 J**
Aroclor 1260	SW8082A		**0.189**	**0.0962**	**0.0726**	**0.0683**	**0.105**
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.189**	**0.133 J**	**0.0961 J**	**0.0912 J**	**0.147 J**

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R14-ST013-COMP R14-ST013-COMP-241211-00-0.5 12/11/2024 0 - 0.5 ft N SE	R14-ST014-COMP R14-ST014-COMP-241211-00-0.5 12/11/2024 0 - 0.5 ft N SE	R14-ST015-COMP R14-ST015-COMP-241211-00-0.5 12/11/2024 0 - 0.5 ft N SE	R14-ST016-COMP R14-ST016-COMP-241211-00-0.5 12/11/2024 0 - 0.5 ft N SE	R15-RT001-COMP R15-RT001-COMP-241203-00-0.42 12/3/2024 0 - 0.42 ft N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**5.91 J**	**2.78 J**	**5.34 J**	**6.96 J**	**2.13 J**
Total solids	SM2540D		**27.2**	**34.7**	**24.8**	**19.6**	**39.2**
Grain Size (pct)							
Gravel	D422		**0.11**	**0**	**0.040**	**0**	**0**
Percent passing (hydrometer 1)	D422		**69.0**	**40.0**	**89.0**	**69.6**	**32.7**
Percent passing (hydrometer 2)	D422		**37.0**	**19.0**	**62.0**	**32.0**	**20.0**
Percent passing (hydrometer 3)	D422		**9.9**	**1.1**	**9.0**	8.5 U	7.8 U
Percent passing 0.375 inch (3/8 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**92.5**	**55.2**	**93.6**	**79.0**	**52.8**
Percent passing 2000 micron sieve (#10)	D422		**99.6**	**97.7**	**99.7**	**100**	**95.1**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**99.9**	**100**	**100**	**100**	**100**
Percent passing 50 micron sieve	D422		**94.2**	**69.1**	**94.8**	**84.3**	**77.7**
Percent passing 75 micron sieve (#200)	D422		**88.0**	**47.7**	**92.1**	**74.0**	**35.0**
Percent passing 8.0 micron	D422		**99.6**	**99.5**	**99.7**	**100**	**100**
Percent retained 16K micron sieve	D422		**99.2**	**95.1**	**98.9**	**98.0**	**93.4**
Percent retained 30 micron sieve	D422		**95.6**	**84.3**	**96.5**	**90.5**	**88.5**
Sand	D422		**11.9**	**52.3**	**7.8**	**26.0**	**65.0**
Silt	D422		**88.0**	**47.7**	**92.1**	**74.0**	**35.0**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.069 U	0.057 U	0.078 U	0.10 U	0.047 U
Aroclor 1221	SW8082A		0.069 U	0.057 U	0.078 U	0.10 U	0.047 U
Aroclor 1232	SW8082A		0.069 U	0.057 U	0.078 U	0.10 U	0.047 U
Aroclor 1242	SW8082A		0.069 U	0.057 U	0.078 U	0.10 U	0.047 U
Aroclor 1248	SW8082A		0.069 U	0.057 U	0.078 U	0.10 U	0.047 U
Aroclor 1254	SW8082A		**0.0188 J**	**0.0268 J**	**0.0539 J**	**0.0532 J**	0.047 U
Aroclor 1260	SW8082A		**0.0427 J**	**0.0585**	**0.106**	**0.124**	0.047 U
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0615 J**	**0.0853 J**	**0.160 J**	**0.177 J**	0.039 U

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID	Sample ID	Sample Date	Depth	Sample Type	Matrix
		R15-RT002-COMP	R15-RT002-COMP-241203-00-0.5	12/3/2024	0 - 0.5 ft	N	SE
		R15-ST001-COMP	R15-ST001-COMP-241122-00-0.33	11/22/2024	0 - 0.33 ft	N	SE
		R15-ST002-COMP	R15-ST002-COMP-241203-00-0.42	12/3/2024	0 - 0.42 ft	N	SE
		R15-ST003-COMP	R15-ST003-COMP-241122-00-0.33	11/22/2024	0 - 0.33 ft	N	SE
		R15-ST004-COMP	R15-ST004-COMP-241122-00-0.5	11/22/2024	0 - 0.5 ft	N	SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn	**0.765 J**	**0.233 J**	**2.15 J**	**0.286 J**	**1.14 J**	
Total solids	SM2540D	**31.0**	**76.1**	**68.2**	**70.6**	**74.7**	
Grain Size (pct)							
Gravel	D422	**0**	**33.8**	**2.3**	**0**	**0**	
Percent passing (hydrometer 1)	D422	**3.80**	**1.5**	**7.3**	**6.0**	**14.7**	
Percent passing (hydrometer 2)	D422	**10.0**	**1.5**	**4.0**	**2.9**	**8.0**	
Percent passing (hydrometer 3)	D422	4.6 U	**0.50**	3.1 U	**0.97**	**3.0**	
Percent passing 0.375 inch (3/8 inch sieve)	D422	**100**	**85.5**	**100**	**100**	**100**	
Percent passing 0.75 inch (3/4 inch sieve)	D422	**100**	**94.1**	**100**	**100**	**100**	
Percent passing 1.5 inch (1.5 inch sieve)	D422	**100**	**100**	**100**	**100**	**100**	
Percent passing 150 micron sieve (#100)	D422	**49.9**	**3.1**	**21.5**	**14.7**	**31.2**	
Percent passing 2000 micron sieve (#10)	D422	**97.7**	**51.0**	**95.1**	**100**	**100**	
Percent passing 3 inch (3 inch sieve)	D422	**100**	**100**	**100**	**100**	**100**	
Percent passing 4750 micron sieve (#4)	D422	**100**	**66.2**	**97.7**	**100**	**100**	
Percent passing 50 micron sieve	D422	**70.4**	**12.7**	**53.1**	**34.3**	**68.4**	
Percent passing 75 micron sieve (#200)	D422	**39.5**	**2.2**	**8.3**	**8.9**	**22.5**	
Percent passing 8.0 micron	D422	**100**	**53.2**	**96.0**	**100**	**100**	
Percent retained 16K micron sieve	D422	**95.7**	**44.5**	**92.2**	**98.8**	**99.7**	
Percent retained 30 micron sieve	D422	**83.5**	**31.3**	**74.9**	**78.1**	**96.8**	
Sand	D422	**60.5**	**64.0**	**89.4**	**91.1**	**77.5**	
Silt	D422	**39.5**	**2.2**	**8.3**	**8.9**	**22.5**	
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A	0.062 U	0.024 U	0.029 U	0.028 U	0.026 U	
Aroclor 1221	SW8082A	0.062 U	0.024 U	0.029 U	0.028 U	0.026 U	
Aroclor 1232	SW8082A	0.062 U	0.024 U	0.029 U	0.028 U	0.026 U	
Aroclor 1242	SW8082A	0.062 U	0.024 U	0.029 U	0.028 U	0.026 U	
Aroclor 1248	SW8082A	0.062 U	0.024 U	0.029 U	0.028 U	0.026 U	
Aroclor 1254	SW8082A	0.062 U	0.024 U	0.029 U	0.028 U	0.026 U	
Aroclor 1260	SW8082A	0.062 U	0.024 U	0.029 U	0.028 U	0.026 U	
Total PCB Aroclors (U = 0 max limit)	Calculated	0.051 U	0.020 U	0.024 U	0.024 U	0.021 U	

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R15-ST005-COMP R15-ST005-COMP-241202-00-0.5 12/2/2024 0 - 0.5 ft N SE	R15-ST006-COMP R15-ST006-COMP-241202-00-0.5 12/2/2024 0 - 0.5 ft N SE	R15-ST007-COMP R15-ST007-COMP-241203-00-0.5 12/3/2024 0 - 0.5 ft N SE	R15-ST008-COMP R15-ST008-COMP-241203-00-0.5 12/3/2024 0 - 0.5 ft N SE	R16-RT001-COMP R16-RT001-COMP-241220-00-0.5 12/20/2024 0 - 0.5 ft N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**2.81 J**	**3.23 J**	**3.9 J**	**4.74 J**	**0.306**
Total solids	SM2540D		**38.8**	**50.0**	**41.0**	**27.0**	**80.5**
Grain Size (pct)							
Gravel	D422		**0**	**0**	**0**	**0**	**7.6**
Percent passing (hydrometer 1)	D422		**40.0**	**42.7**	**16.0**	**35.0**	**5.5**
Percent passing (hydrometer 2)	D422		**11.0**	**12.0**	7.0 U	**12.0**	**2.0**
Percent passing (hydrometer 3)	D422		4.5 U	5.1 U	7.0 U	2.1 U	**0.89**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**100**	**100**	**100**	**100**	**95.3**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**60.7**	**65.5**	**58.8**	**70.7**	**27.5**
Percent passing 2000 micron sieve (#10)	D422		**100**	**100**	**100**	**100**	**89.0**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**100**	**100**	**100**	**100**	**92.4**
Percent passing 50 micron sieve	D422		**92.0**	**81.8**	**69.6**	**75.4**	**53.9**
Percent passing 75 micron sieve (#200)	D422		**42.5**	**49.5**	**43.5**	**62.3**	**18.5**
Percent passing 8.0 micron	D422		**100**	**100**	**100**	**100**	**89.7**
Percent retained 16K micron sieve	D422		**99.7**	**98.8**	**95.6**	**96.4**	**86.0**
Percent retained 30 micron sieve	D422		**96.5**	**88.9**	**77.1**	**82.1**	**78.0**
Sand	D422		**57.5**	**50.5**	**56.5**	**37.7**	**73.9**
Silt	D422		**42.5**	**49.5**	**43.5**	**62.3**	**18.5**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.052 U	0.037 U	0.047 U	0.071 U	0.025 U
Aroclor 1221	SW8082A		0.052 U	0.037 U	0.047 U	0.071 U	0.025 U
Aroclor 1232	SW8082A		0.052 U	0.037 U	0.047 U	0.071 U	0.025 U
Aroclor 1242	SW8082A		0.052 U	0.037 U	0.047 U	0.071 U	0.025 U
Aroclor 1248	SW8082A		0.052 U	0.037 U	0.047 U	0.071 U	0.025 U
Aroclor 1254	SW8082A		**0.0144 J**	**0.0137 J**	**0.0179 J**	**0.0315 J**	0.025 U
Aroclor 1260	SW8082A		0.052 U	0.037 U	0.047 U	**0.0596 J**	0.025 U
Total PCB Aroclors (U = 0 max limit)	Calculated		**0.0144 J**	**0.0137 J**	**0.0179 J**	**0.0911 J**	0.021 U

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R16-RT002-COMP R16-RT002-COMP-241219-00-0.42 12/19/2024 0 - 0.42 ft N SE	R16-ST002-COMP R16-ST002-COMP-241220-00-0.25 12/20/2024 0 - 0.25 ft N SE	R16-ST003-COMP R16-ST003-COMP-241220-00-0.5 12/20/2024 0 - 0.5 ft N SE	R16-ST004-COMP R16-ST004-COMP-241220-00-0.25 12/20/2024 0 - 0.25 ft N SE	R16-ST005-COMP R16-ST005-COMP-241219-00-0.25 12/19/2024 0 - 0.25 ft N SE
Conventional Parameters (pct)							
Total organic carbon	LloydKahn		**0.12**	**0.231**	**0.121**	**0.575**	**0.195**
Total solids	SM2540D		**79.6**	**78.1**	**78.0**	**78.2**	**81.8**
Grain Size (pct)							
Gravel	D422		**1.8**	**0**	**2.6**	**29.7**	**0.010**
Percent passing (hydrometer 1)	D422		**2.6**	**2.8**	**2.9**	**4.0**	**4.4**
Percent passing (hydrometer 2)	D422		**2.0**	**2.0**	**2.9**	**3.1**	**0.89**
Percent passing (hydrometer 3)	D422		**0.86**	**0.93**	**0.95**	**1.9**	**0.89**
Percent passing 0.375 inch (3/8 inch sieve)	D422		**99.5**	**100**	**97.4**	**76.0**	**100**
Percent passing 0.75 inch (3/4 inch sieve)	D422		**100**	**100**	**100**	**90.7**	**100**
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 150 micron sieve (#100)	D422		**5.5**	**12.7**	**5.4**	**17.5**	**7.2**
Percent passing 2000 micron sieve (#10)	D422		**93.9**	**100**	**96.5**	**62.2**	**98.9**
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	**100**	**100**
Percent passing 4750 micron sieve (#4)	D422		**98.2**	**100**	**97.4**	**70.3**	**100**
Percent passing 50 micron sieve	D422		**10.2**	**46.7**	**30.2**	**33.3**	**17.2**
Percent passing 75 micron sieve (#200)	D422		**4.5**	**5.2**	**3.6**	**9.0**	**5.3**
Percent passing 8.0 micron	D422		**95.2**	**100**	**96.8**	**63.8**	**99.2**
Percent retained 16K micron sieve	D422		**73.6**	**98.9**	**93.9**	**53.2**	**90.9**
Percent retained 30 micron sieve	D422		**35.6**	**93.8**	**85.0**	**41.5**	**60.0**
Sand	D422		**93.8**	**94.8**	**93.7**	**61.3**	**94.7**
Silt	D422		**4.5**	**5.2**	**3.6**	**9.0**	**5.3**
PCB Aroclors (mg/kg)							
Aroclor 1016	SW8082A		0.025 U	0.026 U	0.026 U	0.025 U	0.022 U
Aroclor 1221	SW8082A		0.025 U	0.026 U	0.026 U	0.025 U	0.022 U
Aroclor 1232	SW8082A		0.025 U	0.026 U	0.026 U	0.025 U	0.022 U
Aroclor 1242	SW8082A		0.025 U	0.026 U	0.026 U	0.025 U	0.022 U
Aroclor 1248	SW8082A		0.025 U	0.026 U	0.026 U	0.025 U	0.022 U
Aroclor 1254	SW8082A		0.025 U	0.026 U	0.026 U	0.025 U	0.022 U
Aroclor 1260	SW8082A		0.025 U	0.026 U	0.026 U	0.025 U	0.022 U
Total PCB Aroclors (U = 0 max limit)	Calculated		0.021 U	0.021 U	0.021 U	0.021 U	0.018 U

Table G-1
Analytical Results for Surface Sediment Samples

Chemical	Method	Location ID Sample ID Sample Date Depth Sample Type Matrix	R16-ST006-COMP R16-ST006-COMP-241219-00-0.33 12/19/2024 0 - 0.33 ft N SE	R16-ST007-COMP R16-ST007-COMP-241219-00-0.33 12/19/2024 0 - 0.33 ft N SE	R16-ST008-COMP R16-ST008-COMP-241219-00-0.25 12/19/2024 0 - 0.25 ft N SE	R16-ST008-COMP R16-ST008-COMP-BD0001 12/19/2024 0 - 0.25 ft FD SE
Conventional Parameters (pct)						
Total organic carbon	LloydKahn		**0.177**	**0.633**	**0.484 J**	**0.225 J**
Total solids	SM2540D		**80.9**	**78.6**	**75.3**	**80.6**
Grain Size (pct)						
Gravel	D422		**25.7**	**2.6**	**4.8**	--
Percent passing (hydrometer 1)	D422		**7.0**	**2.0**	**4.0**	--
Percent passing (hydrometer 2)	D422		**5.2**	**0.85**	**0.87**	--
Percent passing (hydrometer 3)	D422		**3.7**	**0.85**	**0.87**	--
Percent passing 0.375 inch (3/8 inch sieve)	D422		**83.0**	**97.7**	**97.7**	--
Percent passing 0.75 inch (3/4 inch sieve)	D422		**93.0**	**100**	**100**	--
Percent passing 1.5 inch (1.5 inch sieve)	D422		**100**	**100**	**100**	--
Percent passing 150 micron sieve (#100)	D422		**23.4**	**7.5**	**7.2**	--
Percent passing 2000 micron sieve (#10)	D422		**70.2**	**96.4**	**90.5**	--
Percent passing 3 inch (3 inch sieve)	D422		**100**	**100**	**100**	--
Percent passing 4750 micron sieve (#4)	D422		**74.3**	**97.4**	**95.2**	--
Percent passing 50 micron sieve	D422		**41.4**	**17.1**	**18.9**	--
Percent passing 75 micron sieve (#200)	D422		**15.9**	**4.1**	**3.4**	--
Percent passing 8.0 micron	D422		**71.1**	**96.6**	**91.1**	--
Percent retained 16K micron sieve	D422		**67.4**	**93.0**	**85.5**	--
Percent retained 30 micron sieve	D422		**59.4**	**63.0**	**79.8**	--
Sand	D422		**58.3**	**93.3**	**91.7**	--
Silt	D422		**15.9**	**4.1**	**3.4**	--
PCB Aroclors (mg/kg)						
Aroclor 1016	SW8082A		0.024 U	0.025 U	0.026 U	0.024 U
Aroclor 1221	SW8082A		0.024 U	0.025 U	0.026 U	0.024 U
Aroclor 1232	SW8082A		0.024 U	0.025 U	0.026 U	0.024 U
Aroclor 1242	SW8082A		0.024 U	0.025 U	0.026 U	0.024 U
Aroclor 1248	SW8082A		0.024 U	0.025 U	0.026 U	0.024 U
Aroclor 1254	SW8082A		0.024 U	0.025 U	0.026 U	0.024 U
Aroclor 1260	SW8082A		0.024 U	0.025 U	0.026 U	0.024 U
Total PCB Aroclors (U = 0 max limit)	Calculated		0.020 U	0.021 U	0.022 U	0.020 U

Table G-1
Analytical Results for Surface Sediment Samples

Notes:
Bold: Detected result
Calculated values have been rounded to laboratory-reported significant digits
J: Estimated value
U: Compound analyzed for, but not detected above detection limit
UJ: Compound analyzed for, but not detected above estimated detection limit

Table G-2
Total PCB Analytical Results from Split Samples Collected by GE and EPA

Location ID	R7A-ST010-COMP		R7D-ST007-COMP		R7D-ST018-COMP	
Easting	644676.407		644767.054		644515.546	
Northing	4688391.674		4684512.366		4682264.5	
Coordinate System	NAD83MAML		NAD83MAML		NAD83MAML	
Depth Interval	0 - 0.3 ft		0 - 0.33 ft		0 - 0.33 ft	
	GE	EPA	GE	EPA	GE	EPA
	R7A-ST010-COMP-241009-00-0.3	H5-SE001921-0-0000	R7D-ST007-COMP-241021-00-0.33	H5-SE001923-0-0000 [H5-SE001923-1-0000]	R7D-ST018-COMP-241023-00-0.33	H5-SE001924-0-0000
PCB Aroclors (mg/kg)						
Aroclor-1016	0.028 U	0.039 U	0.025 U	0.04 U [0.041 U]	0.026 U	0.042 UJ
Aroclor-1221	0.028 U	0.039 U	0.025 U	0.04 U [0.041 U]	0.026 U	0.042 UJ
Aroclor-1232	0.028 U	0.039 U	0.025 U	0.04 U [0.041 U]	0.026 U	0.042 UJ
Aroclor-1242	0.028 U	0.039 U	0.025 U	0.04 U [0.041 U]	0.026 U	0.042 UJ
Aroclor-1248	0.028 U	0.039 U	0.025 U	0.04 U [0.041 U]	0.026 U	0.042 UJ
Aroclor-1254	0.028 U	0.039 U	0.025 U	0.04 U [0.041 U]	0.026 U	0.042 UJ
Aroclor-1260	**0.184**	**0.15**	**0.185**	**0.081 [0.072]**	**0.0523**	**0.021 J**
Aroclor-1262	--	0.039 U	--	0.04 U [0.041 U]	--	0.042 UJ
Aroclor-1268	--	0.039 U	--	0.04 U [0.041 U]	--	0.042 UJ
Total PCBs (U = 0)	**0.184**	**0.15**	**0.185**	**0.081 [0.072]**	**0.0523**	**0.021 J**

Table G-2
Total PCB Analytical Results from Split Samples Collected by GE and EPA

Location ID	R7F-ST010-COMP		R12-ST001-COMP		R12-ST002-COMP	
Easting	638039.62		633560.617		632217.406	
Northing	4682794.826		4629605.878		4627717.275	
Coordinate System	NAD83MAML		NAD83CT		NAD83CT	
Depth Interval	0 - 0.33 ft		0 - 0.25 ft		0 - 0.17 ft	
	GE	EPA	GE	EPA	GE	EPA
	R7F-ST010-COMP-241015-00-0.33	H5-SE001922-0-0000	R12-ST001-COMP-241031-00-0.25	H6-SE001925-0-0000	R12-ST002-COMP-241031-00-0.17	H6-SE001926-0-0000
PCB Aroclors (mg/kg)						
Aroclor-1016	0.031 U	0.046 UJ	0.022 U	0.042 U	0.023 U	0.041 U
Aroclor-1221	0.031 U	0.046 UJ	0.022 U	0.042 U	0.023 U	0.041 U
Aroclor-1232	0.031 U	0.046 UJ	0.022 U	0.042 U	0.023 U	0.041 U
Aroclor-1242	0.031 U	0.046 UJ	0.022 U	0.042 U	0.023 U	0.041 U
Aroclor-1248	0.031 U	0.046 UJ	0.022 U	0.042 U	0.023 U	0.041 U
Aroclor-1254	0.031 U	0.046 UJ	0.022 U	0.042 U	0.023 U	0.041 U
Aroclor-1260	**0.193**	**0.023 J**	**0.0078 J**	0.042 U	0.023 U	0.041 U
Aroclor-1262	--	0.046 UJ	--	0.042 U	--	0.041 U
Aroclor-1268	--	0.046 UJ	--	0.042 U	--	0.041 U
Total PCBs (U = 0)	**0.193**	**0.023 J**	**0.0078 J**	0.042 U	0.023 U	0.041 U

Table G-2
Total PCB Analytical Results from Split Samples Collected by GE and EPA

Location ID	R12-ST008-COMP		R14-RT002-COMP		R14-ST001-COMP	
Easting	624930.415		633171.796		632881.416	
Northing	4616870.301		4599989.36		4601910.742	
Coordinate System	NAD83CT		NAD83CT		NAD83CT	
Depth Interval	0 - 0.33 ft		0 - 0.5 ft		0 - 0.33 ft	
	GE	EPA	GE	EPA	GE	EPA
	R12-ST008-COMP-241101-00-0.33	H6-SE001927-0-0000	R14-RT002-COMP-241210-00-0.5	H6-SE001931-0-0000	R14-ST001-COMP-241119-00-0.33	H6-SE001928-0-0000
PCB Aroclors (mg/kg)						
Aroclor-1016	0.023 U	0.059 U	0.056 U	0.069 U	0.037 U	0.049 U
Aroclor-1221	0.023 U	0.059 U	0.056 U	0.069 U	0.037 U	0.049 U
Aroclor-1232	0.023 U	0.059 U	0.056 U	0.069 U	0.037 U	0.049 U
Aroclor-1242	0.023 U	0.059 U	0.056 U	0.069 U	0.037 U	0.049 U
Aroclor-1248	0.023 U	0.059 U	0.056 U	0.069 U	0.037 U	0.049 U
Aroclor-1254	0.023 U	0.059 U	**0.0242 J**	0.069 U	0.037 U	0.049 U
Aroclor-1260	0.023 U	**0.0064 J**	**0.0813**	0.069 U	**0.0462**	0.049 U
Aroclor-1262	--	0.059 U	--	0.069 U	--	0.049 U
Aroclor-1268	--	0.059 U	--	0.069 U	--	0.049 U
Total PCBs (U = 0)	0.023 U	**0.0064 J**	**0.1055 J**	0.069 U	**0.0462**	0.049 U

Table G-2
Total PCB Analytical Results from Split Samples Collected by GE and EPA

Location ID	R14-ST002-COMP		R14-ST004-COMP	
Easting	632836.244		633205.076	
Northing	4600771.128		4598537.092	
Coordinate System	NAD83CT		NAD83CT	
Depth Interval	0 - 0.33 ft		0 - 0.5 ft	
	GE	EPA	GE	EPA
	R14-ST002-COMP-241119-00-0.33	H6-SE001929-0-0000	R14-ST004-COMP-241119-00-0.5	H6-SE001930-0-0000
PCB Aroclors (mg/kg)				
Aroclor-1016	0.034 U	0.049 U	0.049 U	0.05 U
Aroclor-1221	0.034 U	0.049 U	0.049 U	0.05 U
Aroclor-1232	0.034 U	0.049 U	0.049 U	0.05 U
Aroclor-1242	0.034 U	0.049 U	0.049 U	0.05 U
Aroclor-1248	0.034 U	0.049 U	0.049 U	0.05 U
Aroclor-1254	0.034 U	0.049 U	0.049 U	0.05 U
Aroclor-1260	**0.0342**	0.049 U	**0.0924**	0.05 U
Aroclor-1262	--	0.049 U	--	0.05 U
Aroclor-1268	--	0.049 U	--	0.05 U
Total PCBs (U = 0)	**0.0342**	0.049 U	**0.0924**	0.05 U

Table G-2
Total PCB Analytical Results from Split Samples Collected by GE and EPA

Notes:
Bold: Detected result
J: Estimated value
U: Compound analyzed for, but not detected above detection limit
UJ: Compound analyzed for, but not detected above estimated detection limit
NAD83CT: NAD 1983 State Plane Connecticut FIPS 0600 (US Survey Feet)
NAD83MAML: NAD 1983 State Plane Massachusetts Mainland FIPS 2001 (US Feet)

Table G-3
Field Summary

Reach	Random or Systematic	State	Transect ID	Discrete Location ID	Location Sampled	Location Abandoned	Location Notes[1]	Sediment Physical Characteristics[2]
7A	Random	MA	R7A-RT001	R7A-RT001-L1		X	Shifted transect approximately 62 ft downstream. Abandoned due to lack of recoverable material.	Fine sand, some medium sand, trace gravel
	Random	MA		R7A-RT001-L2	X		Shifted transect approximately 62 ft downstream	
	Random	MA		R7A-RT001-L3	X		Shifted transect approximately 62 ft downstream	
	Random	MA	R7A-RT002	R7A-RT002-L1		X	Three (3) attempts with insufficient recovery. Location abandoned.	Medium to fine sand, some gravel, trace silt, trace organics
	Random	MA		R7A-RT002-L2		X	Six (6) attempts with insufficient recovery. Location abandoned.	
	Random	MA		R7A-RT002-L3	X		Shifted approximately 10 ft west	
	Random	MA	R7A-RT003	R7A-RT003-L1	X		Shifted approximately 13 ft toward bank	Medium and fine sand, some silt, trace gravel, trace organics
	Random	MA		R7A-RT003-L2	X			
	Random	MA		R7A-RT003-L3	X			
	Random	MA	R7A-RT004	R7A-RT004-L1		X	Cobbles and large boulders. Location abandoned due to lack of viable area to make attempts.	Fine sand and silt, some organics, trace medium sand, moderate NAPL odor and sheen
	Random	MA		R7A-RT004-L2	X			
	Random	MA		R7A-RT004-L3	X			
	Systematic	MA	R7A-ST001	R7A-ST001-L1		X	Four (4) attempts with insufficient recovery. Location abandoned.	Medium sand, gravel, and trace organics
	Systematic	MA		R7A-ST001-L2		X	Three (3) attempts with insufficient recovery. Location abandoned.	
	Systematic	MA		R7A-ST001-L3	X		Shifted approximately 13 ft toward center of river	
	Systematic	MA	R7A-ST002	R7A-ST002-L1		X	Cobbles, four (4) attempts with insufficient recovery. Location abandoned.	N/A
	Systematic	MA		R7A-ST002-L2		X	Cobbles, four (4) attempts with insufficient recovery. Location abandoned.	
	Systematic	MA		R7A-ST002-L3		X	Cobbles, four (4) attempts with insufficient recovery. Location abandoned.	
	Systematic	MA	R7A-ST003	R7A-ST003-L1		X	Location abandoned due to exclusive presence of cobbles.	N/A
	Systematic	MA		R7A-ST003-L2		X	Location abandoned due to exclusive presence of cobbles.	
	Systematic	MA		R7A-ST003-L3		X	Location abandoned due to exclusive presence of cobbles.	
	Systematic	MA	R7A-ST004	R7A-ST004-L1		X	Three (3) attempts with insufficient recovery. Location abandoned.	N/A
	Systematic	MA		R7A-ST004-L2		X	Three (3) attempts with insufficient recovery. Location abandoned.	
	Systematic	MA		R7A-ST004-L3		X	Three (3) attempts with insufficient recovery. Location abandoned.	
	Systematic	MA	R7A-ST005	R7A-ST005-L1	X		Shifted approximately 15 ft toward bank and downstream	Medium gravel
	Systematic	MA		R7A-ST005-L2		X	Boulders, cobbles, gravel and rapids. Three (3) attempts with insufficient recovery. Location abandoned.	
	Systematic	MA		R7A-ST005-L3		X	Location abandoned due to boulders, cobbles, gravel and rapids.	
	Systematic	MA	R7A-ST006	R7A-ST006-L1	X		Shifted approximately 46 ft upstream	Medium sand, some gravel, trace fine sand and organics (plant debris)
	Systematic	MA		R7A-ST006-L2		X	Medium gravel. Four (4) attempts with insufficient recovery. Location abandoned.	
	Systematic	MA		R7A-ST006-L3	X		Shifted approximately 60 ft upstream	
	Systematic	MA	R7A-ST007	R7A-ST007-L1	X			Medium sand, some gravel
	Systematic	MA		R7A-ST007-L2		X	Abandoned due to lack of recoverable material.	
	Systematic	MA		R7A-ST007-L3	X			
	Systematic	MA	R7A-ST008	R7A-ST008-L1		X	Cobbles prevented sufficient recovery. Location abandoned.	N/A
	Systematic	MA		R7A-ST008-L2		X	Large gravel, and thin depositional layers prevented sufficient recovery. Location abandoned.	
	Systematic	MA		R7A-ST008-L3		X	Large gravel, and thin depositional layers prevented sufficient recovery. Location abandoned.	
	Systematic	MA	R7A-ST009	R7A-ST009-L1	X		Shifted transect approximately 25 ft downstream	Medium and fine sand, some gravel
	Systematic	MA		R7A-ST009-L2	X		Shifted transect approximately 25 ft downstream	
	Systematic	MA		R7A-ST009-L3		X	Shifted transect approximately 25 ft downstream. Location abandoned due to lack of recovery.	
	Systematic	MA	R7A-ST010	R7A-ST010-L1	X		Shifted approximately 15 ft downstream	Fine sand and silt, trace medium sand, some organics
	Systematic	MA		R7A-ST010-L2	X			
	Systematic	MA		R7A-ST010-L3	X			
	Systematic	MA	R7A-ST011	R7A-ST011-L1	X			Medium and fine sand, some gravel, trace organics
	Systematic	MA		R7A-ST011-L2	X		Shifted approximately 15 ft west	
	Systematic	MA		R7A-ST011-L3		X	Large cobbles. Location abandoned due to lack of recovery.	
	Systematic	MA	R7A-ST012	R7A-ST012-L1	X		Shifted transect 30 ft downstream to under the bridge	Medium and fine sand, some gravel
	Systematic	MA		R7A-ST012-L2		X	Shifted transect 30 ft downstream to under the bridge. Location abandoned due to presence of bedrock.	
	Systematic	MA		R7A-ST012-L3	X		Shifted transect 30 ft downstream to under the bridge	
	Systematic	MA	R7A-ST013	R7A-ST013-L1		X	Location abandoned due to large cobble and bedrock.	N/A
	Systematic	MA		R7A-ST013-L2		X	Location abandoned due to large cobble and bedrock.	
	Systematic	MA		R7A-ST013-L3		X	Location abandoned due to large cobble and bedrock.	
	Systematic	MA	R7A-ST014	R7A-ST014-L1	X			Coarse medium sand, some fines and gravel
	Systematic	MA		R7A-ST014-L2	X		Shifted location approximately 10 ft toward center of river	
	Systematic	MA		R7A-ST014-L3	X		Shifted location approximately 12 ft toward center of river	
	Systematic	MA	R7A-ST015	R7A-ST015-L1		X	Shifted transect approximately 60 ft downstream. Location abandoned due to lack of viable area to make attempts.	Coarse and fine medium sand, trace organics and gravel
	Systematic	MA		R7A-ST015-L2	X		Shifted transect approximately 60 ft downstream	
	Systematic	MA		R7A-ST015-L3	X		Shifted transect approximately 60 ft downstream	
	Systematic	MA	R7A-ST016	R7A-ST016-L1		X	Gravel and bedrock, three (3) attempts with insufficient recovery. Location abandoned.	Coarse, medium, and fine sand and silt, trace gravel and organics
	Systematic	MA		R7A-ST016-L2	X			
	Systematic	MA		R7A-ST016-L3	X			

Table G-3
Field Summary

Reach	Random or Systematic	State	Transect ID	Discrete Location ID	Location Sampled	Location Abandoned	Location Notes[1]	Sediment Physical Characteristics[2]
	Random	MA	R7D-RT001	R7D-RT001-L1	X		Shifted location approximately 20 ft more towards middle of river due to rapids and rocks	Fine and medium sand, silt and gravel, trace organics
	Random	MA		R7D-RT001-L2	X		Shifted location 6 ft off island due to exposed riverbed	
	Random	MA		R7D-RT001-L3	X		Shifted location approximately 20 ft closer to shore due to cobbles/rock in area	
	Random	MA	R7D-RT002	R7D-RT002-L1	X		Shifted approximately 12 ft closer to shore due to rocks and large cobbles	Silt and fine sand, organics
	Random	MA		R7D-RT002-L2		X	Dense cobble and gravel, three (3) attempts with insufficient recovery. Location abandoned.	
	Random	MA		R7D-RT002-L3		X	Dense cobble and gravel, three (3) attempts with insufficient recovery. Location abandoned.	
	Random	MA	R7D-RT003	R7D-RT003-L1		X	Dense cobble and gravel, three (3) attempts with insufficient recovery. Location abandoned.	Coarse, medium, and fine sand, silt, gravel, and organics
	Random	MA		R7D-RT003-L2	X			
	Random	MA		R7D-RT003-L3	X			
	Random	MA	R7D-RT004	R7D-RT004-L1		X	Dense cobble and gravel, three (3) attempts with insufficient recovery. Location abandoned.	N/A
	Random	MA		R7D-RT004-L2		X	Dense cobble and gravel, three (3) attempts with insufficient recovery. Location abandoned.	
	Random	MA		R7D-RT004-L3	X		Shifted 20 ft closer to shore due to large cobbles/rocks	
	Random	MA	R7D-RT005	R7D-RT005-L1	X			Gravel and coarse sand, some fine sand and silt
	Random	MA		R7D-RT005-L2		X	Dense cobble and gravel, three (3) attempts with insufficient recovery. Location abandoned.	
	Random	MA		R7D-RT005-L3	X			
	Random	MA	R7D-RT006	R7D-RT006-L1	X			Silt and fine sand, trace gravel
	Random	MA		R7D-RT006-L2	X			
	Random	MA		R7D-RT006-L3	X			
	Random	MA	R7D-RT007	R7D-RT007-L1	X		Shifted 15 ft closer to shore for softer sediment	Silt, fine and medium sand, gravel
	Random	MA		R7D-RT007-L2		X	Abandoned due to dense rock and cobble.	
	Random	MA		R7D-RT007-L3	X		Shifted 15 ft closer to shore for softer sediment	
	Random	MA	R7D-RT008	R7D-RT008-L1	X			Silt, fine sand, and organics
	Random	MA		R7D-RT008-L2	X			
	Random	MA		R7D-RT008-L3	X			
	Systematic	MA	R7D-ST001	R7D-ST001-L1		X	Abandoned due to large boulders and rocks in fast moving water.	Medium sand, fine sand, and silt
	Systematic	MA		R7D-ST001-L2	X		Shifted location approximately 16 ft downstream below rapids	
	Systematic	MA		R7D-ST001-L3	X		Shifted location approximately 16 ft downstream below rapids	
	Systematic	MA	R7D-ST002	R7D-ST002-L1	X		Shifted location approximately 10 ft downstream due to old bridge infrastructure embedded in riverbed here	Coarse and medium sand and gravel
	Systematic	MA		R7D-ST002-L2	X		Shifted location approximately 10 ft downstream due to old bridge infrastructure embedded in riverbed here	
	Systematic	MA		R7D-ST002-L3		X	Fast water. Abandoned due to insufficient recovery.	
	Systematic	MA	R7D-ST003	R7D-ST003-L1		X	Dense medium cobble. Three (3) attempts with insufficient recovery. Location abandoned.	Fine sand, silt, and organics
	Systematic	MA		R7D-ST003-L2		X	Dense medium cobble. Three (3) attempts with insufficient recovery. Location abandoned.	
	Systematic	MA		R7D-ST003-L3	X		Shifted location approximately 25 ft upstream to soft sediment	
	Systematic	MA	R7D-ST004	R7D-ST004-L1		X	Dense cobble and gravel, three (3) attempts with insufficient recovery. Location abandoned.	N/A
	Systematic	MA		R7D-ST004-L2		X	Dense cobble and gravel, three (3) attempts with insufficient recovery. Location abandoned.	
	Systematic	MA		R7D-ST004-L3		X	Dense cobble and gravel, three (3) attempts with insufficient recovery. Location abandoned.	
	Systematic	MA	R7D-ST005	R7D-ST005-L1		X	Dense cobble and gravel, three (3) attempts with insufficient recovery. Location abandoned.	N/A
	Systematic	MA		R7D-ST005-L2		X	Dense cobble and gravel, three (3) attempts with insufficient recovery. Location abandoned.	
	Systematic	MA		R7D-ST005-L3		X	Dense cobble and gravel, three (3) attempts with insufficient recovery. Location abandoned.	
	Systematic	MA	R7D-ST006	R7D-ST006-L1	X			Coarse, medium, and fine sand, some gravel and silt
	Systematic	MA		R7D-ST006-L2		X	Large cobbles and boulders. Three (3) attempts with insufficient recovery. Location abandoned.	
	Systematic	MA		R7D-ST006-L3	X			
	Systematic	MA	R7D-ST007	R7D-ST007-L1	X		Target location dry, shifted location downstream approximately 30 ft to be underwater	Silt and fine sand, some gravel and coarse sand
	Systematic	MA		R7D-ST007-L2	X		Cobbles/boulders in area, shifted location behind large rock where there was deposition	
	Systematic	MA		R7D-ST007-L3	X		Shifted location closer to shore to softer sediment	
	Systematic	MA	R7D-ST008	R7D-ST008-L1	X		Shifted location approximately 26 ft closer to shore for softer sediment	Silt, fine sand, and organics
	Systematic	MA		R7D-ST008-L2		X	Large cobbles/rocks. Three (3) unsuccessful attempts. Location abandoned.	
	Systematic	MA		R7D-ST008-L3	X		Shifted location a few ft closer to shore for softer sediment	
	Systematic	MA	R7D-ST009	R7D-ST009-L1	X		Shifted approximately 23 ft closer to shore due to large cobbles/rocks	Gravel and silt, medium and fine sand, some coarse sand, trace organics
	Systematic	MA		R7D-ST009-L2	X			
	Systematic	MA		R7D-ST009-L3	X		Shifted 20 ft closer to shore due to large cobbles/rocks	
	Systematic	MA	R7D-ST010	R7D-ST010-L1	X		Shifted entire transect approximately 50 ft upstream and slightly closer to shore for softer sediment due to rocks/cobble	Fine sand and silt, some organics
	Systematic	MA		R7D-ST010-L2		X	Large cobbles and boulders. Three (3) attempts with insufficient recovery. Location abandoned.	
	Systematic	MA		R7D-ST010-L3	X		Shifted entire transect approximately 50 ft upstream and slightly closer to shore for softer sediment due to rocks/cobble	
	Systematic	MA	R7D-ST011	R7D-ST011-L1		X	Location abandoned due to large cobbles and rocks.	Silt and fine sand, organics
	Systematic	MA		R7D-ST011-L2		X	Location abandoned due to large cobbles and rocks.	
	Systematic	MA		R7D-ST011-L3	X		Shifted approximately 60 ft downstream and closer to shore to only place with soft sediment in the area	
	Systematic	MA	R7D-ST012	R7D-ST012-L1	X			Coarse and fine sand, silt, gravel, and organics
	Systematic	MA		R7D-ST012-L2		X	All bedrock and cobbles in area. Location abandoned.	
	Systematic	MA		R7D-ST012-L3	X			

7D

Table G-3
Field Summary

Reach	Random or Systematic	State	Transect ID	Discrete Location ID	Location Sampled	Location Abandoned	Location Notes[1]	Sediment Physical Characteristics[2]
7D	Systematic	MA	R7D-ST013	R7D-ST013-L1	X			Fine sand, silt, and organics
	Systematic	MA		R7D-ST013-L2		X	All bedrock and cobbles in area. Location abandoned.	
	Systematic	MA		R7D-ST013-L3		X	All bedrock and cobbles in area. Location abandoned.	
	Systematic	MA	R7D-ST014	R7D-ST014-L1		X	All bedrock and cobbles in area. Location abandoned.	N/A
	Systematic	MA		R7D-ST014-L2		X	All bedrock and cobbles in area. Location abandoned.	
	Systematic	MA		R7D-ST014-L3	X		Shifted 20 ft closer to shore due to large cobbles/rocks	
	Systematic	MA	R7D-ST015	R7D-ST015-L1	X		Shifted 10 ft closer to shore for softer sediment	Silt, fine sand, and organics
	Systematic	MA		R7D-ST015-L2		X	Dense rock and cobble. Location abandoned.	
	Systematic	MA		R7D-ST015-L3	X		Shifted 15 ft closer to shore for softer sediment	
	Systematic	MA	R7D-ST016	R7D-ST016-L1		X	Dense cobble and gravel. Location abandoned.	N/A
	Systematic	MA		R7D-ST016-L2		X	Dense cobble and gravel. Location abandoned.	
	Systematic	MA		R7D-ST016-L3		X	Dense cobble and gravel. Location abandoned.	
	Systematic	MA	R7D-ST017	R7D-ST017-L1	X			Gravel, silt, medium and fine sand
	Systematic	MA		R7D-ST017-L2		X	Dense cobble and gravel; three (3) attempts with insufficient recovery	
	Systematic	MA		R7D-ST017-L3		X	Dense cobble and gravel; three (3) attempts with insufficient recovery	
	Systematic	MA	R7D-ST018	R7D-ST018-L1		X	Dense cobble and gravel; three (3) attempts with insufficient recovery	Silt, fine sand, gravel, and organics
	Systematic	MA		R7D-ST018-L2	X			
	Systematic	MA		R7D-ST018-L3	X			
	Systematic	MA	R7D-ST019	R7D-ST019-L1	X		Shifted 15 ft closer to shore to avoid rock/cobble	Silt, fine and medium sand
	Systematic	MA		R7D-ST019-L2	X			
	Systematic	MA		R7D-ST019-L3	X			
	Systematic	MA	R7D-ST020	R7D-ST020-L1	X		Shifted 15 ft closer to shore for softer sediment	Silt and fine sand, some coarse and medium sand, some gravel, organics
	Systematic	MA		R7D-ST020-L2	X			
	Systematic	MA		R7D-ST020-L3	X			
	Systematic	MA	R7D-ST021	R7D-ST021-L1	X			Silt and fine sand
	Systematic	MA		R7D-ST021-L2		X	Dense cobble and gravel. Location abandoned.	
	Systematic	MA		R7D-ST021-L3	X		Shifted approximately 50 ft downstream due to dense cobble and fast moving water	
	Systematic	MA	R7D-ST022	R7D-ST022-L1	X			Silt and fine sand
	Systematic	MA		R7D-ST022-L2		X	Three (3) attempts with insufficient recovery, large cobbles and boulders	
	Systematic	MA		R7D-ST022-L3	X			
	Systematic	MA	R7D-ST023	R7D-ST023-L1	X			Silt, fine and medium sand, gravel
	Systematic	MA		R7D-ST023-L2	X			
	Systematic	MA		R7D-ST023-L3	X		Shifted 15 ft closer to shore for softer sediment	
	Systematic	MA	R7D-ST024	R7D-ST024-L1		X	Three (3) attempts with insufficient recovery, large cobbles and boulders	Silt, fine sand, gravel, and organics
	Systematic	MA		R7D-ST024-L2		X	Three (3) attempts with insufficient recovery, large cobbles and boulders	
	Systematic	MA		R7D-ST024-L3	X			
	Systematic	MA	R7D-ST025	R7D-ST025-L1	X			Silt, fine and medium sand, organics
	Systematic	MA		R7D-ST025-L2		X	Three (3) attempts with insufficient recovery, large cobbles and boulders	
	Systematic	MA		R7D-ST025-L3		X	Three (3) attempts with insufficient recovery, large cobbles and boulders	
	Systematic	MA	R7D-ST026	R7D-ST026-L1	X			Silt, fine sand, and organics
	Systematic	MA		R7D-ST026-L2		X	Three (3) attempts with insufficient recovery, large cobbles and boulders	
	Systematic	MA		R7D-ST026-L3	X			
	Systematic	MA	R7D-ST027	R7D-ST027-L1	X			Silt, fine sand, some medium sand, and organics
	Systematic	MA		R7D-ST027-L2	X			
	Systematic	MA		R7D-ST027-L3	X			
	Systematic	MA	R7D-ST028	R7D-ST028-L1	X			Silt, fine and medium sand, gravel, organics, trace clay
	Systematic	MA		R7D-ST028-L2	X			
	Systematic	MA		R7D-ST028-L3	X			
	Systematic	MA	R7D-ST029	R7D-ST029-L1	X			Silt and fine sand
	Systematic	MA		R7D-ST029-L2		X	Three (3) attempts with insufficient recovery, large cobbles and boulders	
	Systematic	MA		R7D-ST029-L3	X			
	Systematic	MA	R7D-ST030	R7D-ST030-L1	X			Silt, fine sand, and organics
	Systematic	MA		R7D-ST030-L2		X	Three (3) attempts with insufficient recovery, large cobbles and boulders	
	Systematic	MA		R7D-ST030-L3	X			
	Systematic	MA	R7D-ST031	R7D-ST031-L1		X	Three (3) attempts with insufficient recovery, large cobbles and boulders	Fine and medium sand, silt, and organics
	Systematic	MA		R7D-ST031-L2	X			
	Systematic	MA		R7D-ST031-L3	X			
	Systematic	MA	R7D-ST032	R7D-ST032-L1	X			Fine sand and silt, medium sand, and organics
	Systematic	MA		R7D-ST032-L2	X			
	Systematic	MA		R7D-ST032-L3	X			

Table G-3
Field Summary

Reach	Random or Systematic	State	Transect ID	Discrete Location ID	Location Sampled	Location Abandoned	Location Notes[1]	Sediment Physical Characteristics[2]
7F	Random	MA	R7F-RT001	R7F-RT001-L1	X			Coarse, medium, and fine sand, silt, some gravel, and organics
	Random	MA		R7F-RT001-L2	X			
	Random	MA		R7F-RT001-L3	X		Shifted approximately 15 ft downstream to directly under bridge	
	Random	MA	R7F-RT002	R7F-RT002-L1	X		Shifted approximately 13 ft toward bank	Fine sand, silt, and organics
	Random	MA		R7F-RT002-L2	X			
	Random	MA		R7F-RT002-L3	X			
	Random	MA	R7F-RT003	R7F-RT003-L1	X			Medium and fine sand, some silt and gravel, trace organics
	Random	MA		R7F-RT003-L2	X			
	Random	MA		R7F-RT003-L3	X			
	Random	MA	R7F-RT004	R7F-RT004-L1	X			Fine sand and silt, some coarse and medium sand, and organics
	Random	MA		R7F-RT004-L2	X			
	Random	MA		R7F-RT004-L3	X			
	Systematic	MA	R7F-ST001	R7F-ST001-L1	X		Shifted location approximately 10 ft closer to shore due to lack of sediment	Silt, fine and medium sand, some gravel, trace coarse sand, and some organics
	Systematic	MA		R7F-ST001-L2	X			
	Systematic	MA		R7F-ST001-L3	X			
	Systematic	MA	R7F-ST002	R7F-ST002-L1	X			Fine sand and silt, medium sand, and some organics
	Systematic	MA		R7F-ST002-L2		X	Area very rocky, several attempts with only water coming up the sampler. Location abandoned.	
	Systematic	MA		R7F-ST002-L3	X			
	Systematic	MA	R7F-ST003	R7F-ST003-L1	X		Shifted entire transect approximately 50 ft upstream due to rock/rapids	Silt, fine sand, trace gravel and medium sand, some organics
	Systematic	MA		R7F-ST003-L2	X		Shifted entire transect approximately 50 ft upstream due to rock/rapids	
	Systematic	MA		R7F-ST003-L3	X		Shifted entire transect approximately 50 ft upstream due to rock/rapids	
	Systematic	MA	R7F-ST004	R7F-ST004-L1	X			Coarse, medium, and fine sand, silt, gravel, and organics
	Systematic	MA		R7F-ST004-L2	X			
	Systematic	MA		R7F-ST004-L3	X			
	Systematic	MA	R7F-ST005	R7F-ST005-L1	X			Medium and fine sand, silt, some gravel and organics
	Systematic	MA		R7F-ST005-L2	X			
	Systematic	MA		R7F-ST005-L3	X			
	Systematic	MA	R7F-ST006	R7F-ST006-L1	X			Coarse, medium, and fine sand, some silt and gravel
	Systematic	MA		R7F-ST006-L2	X			
	Systematic	MA		R7F-ST006-L3	X			
	Systematic	MA	R7F-ST007	R7F-ST007-L1	X			Fine sand and silt, some gravel and medium sand, trace organics
	Systematic	MA		R7F-ST007-L2	X			
	Systematic	MA		R7F-ST007-L3	X			
	Systematic	MA	R7F-ST008	R7F-ST008-L1	X			Medium and fine sand, some coarse sand and silt, some gravel, and organics
	Systematic	MA		R7F-ST008-L2	X			
	Systematic	MA		R7F-ST008-L3	X			
	Systematic	MA	R7F-ST009	R7F-ST009-L1	X			Coarse and medium sand and gravel
	Systematic	MA		R7F-ST009-L2	X			
	Systematic	MA		R7F-ST009-L3	X			
	Systematic	MA	R7F-ST010	R7F-ST010-L1	X			Medium and fine sand, silt, gravel, and organics
	Systematic	MA		R7F-ST010-L2	X			
	Systematic	MA		R7F-ST010-L3	X			
	Systematic	MA	R7F-ST011	R7F-ST011-L1		X	Gravel and pebbles, no visible sediment in the area after three (3) attempts. . Location abandoned.	Gravel, some medium sand, trace organics
	Systematic	MA		R7F-ST011-L2	X			
	Systematic	MA		R7F-ST011-L3	X			
	Systematic	MA	R7F-ST012	R7F-ST012-L1	X			Silt and fine sand, some medium sand and organics
	Systematic	MA		R7F-ST012-L2	X		Shifted approximately 10 ft downstream	
	Systematic	MA		R7F-ST012-L3	X			
	Systematic	MA	R7F-ST013	R7F-ST013-L1	X		Shifted approximately 20 ft toward bank	Fine sand and silt, some medium sand
	Systematic	MA		R7F-ST013-L2	X			
	Systematic	MA		R7F-ST013-L3	X			
	Systematic	MA	R7F-ST014	R7F-ST014-L1	X			Silt, fine and medium sand
	Systematic	MA		R7F-ST014-L2	X			
	Systematic	MA		R7F-ST014-L3	X			
	Systematic	MA	R7F-ST015	R7F-ST015-L1	X			Silt, fine sand, and organics
	Systematic	MA		R7F-ST015-L2		X	Rocky area, gravel. Four (4) attempts with no recovery. Location abandoned.	
	Systematic	MA		R7F-ST015-L3	X			
	Systematic	MA	R7F-ST016	R7F-ST016-L1		X	Location abandoned due to very deep water, large rocks and boulders, and bedrock river bottom	N/A
	Systematic	MA		R7F-ST016-L2		X	Location abandoned due to very deep water, large rocks and boulders, and bedrock river bottom	
	Systematic	MA		R7F-ST016-L3		X	Location abandoned due to very deep water, large rocks and boulders, and bedrock river bottom	

Table G-3
Field Summary

Reach	Random or Systematic	State	Transect ID	Discrete Location ID	Location Sampled	Location Abandoned	Location Notes[1]	Sediment Physical Characteristics[2]
7H	Random	MA	R7H-RT001	R7H-RT001-L1		X	Did not attempt collection due to safety concerns/rapids. Location abandoned.	N/A
	Random	MA		R7H-RT001-L2		X	Did not attempt collection due to safety concerns/rapids. Location abandoned.	
	Random	MA		R7H-RT001-L3		X	Did not attempt collection due to safety concerns/rapids. Location abandoned.	
	Random	MA	R7H-RT002	R7H-RT002-L1	X			Silt, fine sand, gravel, and medium sand
	Random	MA		R7H-RT002-L2	X			
	Random	MA		R7H-RT002-L3		X	Location abandoned due to insufficient recovery.	
	Random	MA	R7H-RT003	R7H-RT003-L1	X			Silt, fine sand, and medium sand
	Random	MA		R7H-RT003-L2		X	Location abandoned due to insufficient recovery.	
	Random	MA		R7H-RT003-L3		X	Location abandoned due to insufficient recovery.	
	Random	MA	R7H-RT004	R7H-RT004-L1		X	Location abandoned due to fast moving water, cobblestones and gravel	N/A
	Random	MA		R7H-RT004-L2		X	Location abandoned due to fast moving water, cobblestones and gravel	
	Random	MA		R7H-RT004-L3		X	Location abandoned due to fast moving water, cobblestones and gravel	
	Systematic	MA	R7H-ST001	R7H-ST001-L1		X	Did not attempt collection due to safety concerns/rapids. Location abandoned.	N/A
	Systematic	MA		R7H-ST001-L2		X	Did not attempt collection due to safety concerns/rapids. Location abandoned.	
	Systematic	MA		R7H-ST001-L3		X	Did not attempt collection due to safety concerns/rapids. Location abandoned.	
	Systematic	MA	R7H-ST002	R7H-ST002-L1		X	Did not attempt collection due to safety concerns/rapids. Location abandoned.	N/A
	Systematic	MA		R7H-ST002-L2		X	Did not attempt collection due to safety concerns/rapids. Location abandoned.	
	Systematic	MA		R7H-ST002-L3		X	Did not attempt collection due to safety concerns/rapids. Location abandoned.	
	Systematic	MA	R7H-ST003	R7H-ST003-L1		X	Did not attempt collection due to safety concerns/rapids. Location abandoned.	N/A
	Systematic	MA		R7H-ST003-L2		X	Did not attempt collection due to safety concerns/rapids. Location abandoned.	
	Systematic	MA		R7H-ST003-L3		X	Did not attempt collection due to safety concerns/rapids. Location abandoned.	
	Systematic	MA	R7H-ST004	R7H-ST004-L1		X	Did not attempt collection due to safety concerns/rapids. Location abandoned.	N/A
	Systematic	MA		R7H-ST004-L2		X	Did not attempt collection due to safety concerns/rapids. Location abandoned.	
	Systematic	MA		R7H-ST004-L3		X	Did not attempt collection due to safety concerns/rapids. Location abandoned.	
	Systematic	MA	R7H-ST005	R7H-ST005-L1		X	Did not attempt collection due to safety concerns/rapids. Location abandoned.	N/A
	Systematic	MA		R7H-ST005-L2		X	Did not attempt collection due to safety concerns/rapids. Location abandoned.	
	Systematic	MA		R7H-ST005-L3		X	Did not attempt collection due to safety concerns/rapids. Location abandoned.	
	Systematic	MA	R7H-ST006	R7H-ST006-L1		X	Location abandoned due rock and cobble and lack of sediment.	N/A
	Systematic	MA		R7H-ST006-L2		X	Shifted approximately 22 ft. Location abandoned due rock and gravel.	
	Systematic	MA		R7H-ST006-L3	X			
	Systematic	MA	R7H-ST007	R7H-ST007-L1		X	Location abandoned due to fast moving water, cobblestones and gravel.	N/A
	Systematic	MA		R7H-ST007-L2		X	Location abandoned due to fast moving water, cobblestones and gravel.	
	Systematic	MA		R7H-ST007-L3		X	Location abandoned due to fast moving water, cobblestones and gravel.	
	Systematic	MA	R7H-ST008	R7H-ST008-L1		X	Location abandoned due to fast moving water, cobblestones and gravel.	N/A
	Systematic	MA		R7H-ST008-L2		X	Location abandoned due to fast moving water, cobblestones and gravel.	
	Systematic	MA		R7H-ST008-L3		X	Location abandoned due to fast moving water, cobblestones and gravel.	
	Systematic	MA	R7H-ST009	R7H-ST009-L1	X			Fine and medium sand, and silt
	Systematic	MA		R7H-ST009-L2		X	Cobbles and rock. Location abandoned due to lack of sediment.	
	Systematic	MA		R7H-ST009-L3		X	Cobbles and rock. Location abandoned due to lack of sediment.	
	Systematic	MA	R7H-ST010	R7H-ST010-L1		X	Location abandoned due to fast moving water, cobblestones and gravel.	N/A
	Systematic	MA		R7H-ST010-L2		X	Location abandoned due to fast moving water, cobblestones and gravel.	
	Systematic	MA		R7H-ST010-L3		X	Location abandoned due to fast moving water, cobblestones and gravel.	
	Systematic	MA	R7H-ST011	R7H-ST011-L1	X			Silt and sand
	Systematic	MA		R7H-ST011-L2		X	Location abandoned due to insufficient recovery.	
	Systematic	MA		R7H-ST011-L3		X	Location abandoned due to insufficient recovery.	
	Systematic	MA	R7H-ST012	R7H-ST012-L1		X	Location abandoned due to fast moving water, cobblestones and gravel.	N/A
	Systematic	MA		R7H-ST012-L2		X	Location abandoned due to fast moving water, cobblestones and gravel.	
	Systematic	MA		R7H-ST012-L3		X	Location abandoned due to fast moving water, cobblestones and gravel.	
	Systematic	MA	R7H-ST013	R7H-ST013-L1		X	Location abandoned due to fast moving water, cobblestones and gravel.	N/A
	Systematic	MA		R7H-ST013-L2		X	Location abandoned due to fast moving water, cobblestones and gravel.	
	Systematic	MA		R7H-ST013-L3		X	Location abandoned due to fast moving water, cobblestones and gravel.	
	Systematic	MA	R7H-ST014	R7H-ST014-L1		X	Location abandoned due to fast moving water, cobblestones and gravel.	N/A
	Systematic	MA		R7H-ST014-L2		X	Location abandoned due to fast moving water, cobblestones and gravel.	
	Systematic	MA		R7H-ST014-L3		X	Location abandoned due to fast moving water, cobblestones and gravel.	
	Systematic	MA	R7H-ST015	R7H-ST015-L1		X	Location abandoned due to fast moving water, cobblestones and gravel.	N/A
	Systematic	MA		R7H-ST015-L2		X	Location abandoned due to fast moving water, cobblestones and gravel.	
	Systematic	MA		R7H-ST015-L3		X	Location abandoned due to fast moving water, cobblestones and gravel.	
	Systematic	MA	R7H-ST016	R7H-ST016-L1		X	Location abandoned due to fast moving water, cobblestones and gravel.	N/A
	Systematic	MA		R7H-ST016-L2		X	Location abandoned due to fast moving water, cobblestones and gravel.	
	Systematic	MA		R7H-ST016-L3		X	Location abandoned due to fast moving water, cobblestones and gravel.	

Table G-3
Field Summary

Reach	Random or Systematic	State	Transect ID	Discrete Location ID	Location Sampled	Location Abandoned	Location Notes[1]	Sediment Physical Characteristics[2]
9	Random	MA	R9-RT001	R9-RT001-L1	X			Silt and fine sand, and organics
	Random	MA		R9-RT001-L2	X			
	Random	MA		R9-RT001-L3	X			
	Random	MA	R9-RT002	R9-RT002-L1	X			Fine sand, silt, and gravel, and trace medium sand
	Random	MA		R9-RT002-L2	X			
	Random	MA		R9-RT002-L3	X			
	Random	MA	R9-RT003	R9-RT003-L1	X			Fine sand and silt, medium sand and organics
	Random	MA		R9-RT003-L2	X			
	Random	MA		R9-RT003-L3	X			
	Random	MA	R9-RT004	R9-RT004-L1		X	Dense cobble/rocks, three (3) attempts with insufficient recovery. Location abandoned.	Silt and fine sand, some gravel, trace coarse sand and organics
	Random	MA		R9-RT004-L2	X			
	Random	MA		R9-RT004-L3	X		Shifted approximately 50 ft downstream due to the target location being on dry land	
	Systematic	MA	R9-ST001	R9-ST001-L1	X			Fine sand, silt and medium sand, trace gravel and organics
	Systematic	MA		R9-ST001-L2	X			
	Systematic	MA		R9-ST001-L3	X		Shifted approximately 33 ft towards bank due to dense cobble	
	Systematic	MA	R9-ST002	R9-ST002-L1	X			Medium and fine sand, and gravel
	Systematic	MA		R9-ST002-L2		X	Abandoned due to dense cobble and gravel.	
	Systematic	MA		R9-ST002-L3	X		Shifted approximately 12 ft towards bank due to dense cobble and gravel	
	Systematic	MA	R9-ST003	R9-ST003-L1		X	Abandoned due to cobble and boulders.	Silt and fine sand, and organics
	Systematic	MA		R9-ST003-L2	X			
	Systematic	MA		R9-ST003-L3	X			
	Systematic	MA	R9-ST004	R9-ST004-L1	X		Shifted approximately 20 towards bank due to dense cobble	Fine sand, gravel, and silt
	Systematic	MA		R9-ST004-L2		X	Abandoned due to dense cobble.	
	Systematic	MA		R9-ST004-L3	X		Shifted approximately 25 ft downstream and towards bank due to dense cobble	
	Systematic	MA	R9-ST005	R9-ST005-L1	X			Silt and fine sand, gravel, and organics
	Systematic	MA		R9-ST005-L2	X			
	Systematic	MA		R9-ST005-L3	X			
	Systematic	MA	R9-ST006	R9-ST006-L1	X			Fine sand, silt, gravel, coarse sand, and organics
	Systematic	MA		R9-ST006-L2		X	Abandoned due to dense cobble.	
	Systematic	MA		R9-ST006-L3	X			
	Systematic	MA	R9-ST007	R9-ST007-L1	X		Shifted approximately 12 ft toward bank	Medium, fine, and coarse sand, gravel, and some silt
	Systematic	MA		R9-ST007-L2	X			
	Systematic	MA		R9-ST007-L3	X			
	Systematic	MA	R9-ST008	R9-ST008-L1	X		Shifted approximately 10 ft toward center of channel	Silt and fine sand, coarse sand and gravel, some coarse sand
	Systematic	MA		R9-ST008-L2	X			
	Systematic	MA		R9-ST008-L3	X			
	Systematic	MA	R9-ST009	R9-ST009-L1	X			Silt and fine sand, some gravel and organics
	Systematic	MA		R9-ST009-L2		X	Abandoned due to dense cobble and gravel.	
	Systematic	MA		R9-ST009-L3	X			
	Systematic	MA	R9-ST010	R9-ST010-L1	X			Fine and medium sand, silt and gravel
	Systematic	MA		R9-ST010-L2	X			
	Systematic	MA		R9-ST010-L3	X			
	Systematic	MA	R9-ST011	R9-ST011-L1	X			Fine and medium sand and silt
	Systematic	MA		R9-ST011-L2	X			
	Systematic	MA		R9-ST011-L3	X		Shifted approximately 9 ft toward center of channel	
	Systematic	MA	R9-ST012	R9-ST012-L1	X			Fine sand and silt
	Systematic	MA		R9-ST012-L2	X			
	Systematic	MA		R9-ST012-L3	X			
	Systematic	MA	R9-ST013	R9-ST013-L1	X			Silt and fine sand, medium sand, trace organics
	Systematic	MA		R9-ST013-L2	X			
	Systematic	MA		R9-ST013-L3	X			
	Systematic	MA	R9-ST014	R9-ST014-L1	X			Silt and fine sand, trace coarse sand and gravel
	Systematic	MA		R9-ST014-L2	X			
	Systematic	MA		R9-ST014-L3	X			
	Systematic	MA	R9-ST015	R9-ST015-L1	X			Silt, fine sand, and clay
	Systematic	MA		R9-ST015-L2		X	Three (3) attempts with insufficient recovery; abandoned due to dense cobble/boulder.	
	Systematic	MA		R9-ST015-L3	X		Shifted 15 ft towards bank due to cobble/gravel	
	Systematic	MA	R9-ST016	R9-ST016-L1	X			Silt, fine sand, and clay with some coarse sand and organics
	Systematic	MA		R9-ST016-L2	X			
	Systematic	MA		R9-ST016-L3	X			

Table G-3
Field Summary

Reach	Random or Systematic	State	Transect ID	Discrete Location ID	Location Sampled	Location Abandoned	Location Notes[1]	Sediment Physical Characteristics[2]
10	Random	CT	R10-RT001	R10-RT001-L1	X			Silt, medium and fine sand, with some coarse sand and organics
	Random	CT		R10-RT001-L2	X			
	Random	CT		R10-RT001-L3	X			
	Random	CT		R10-RT001-L4		X	Abandoned due to dense cobble/boulders; three (3) attempts with insufficient recovery.	
	Random	CT		R10-RT001-L5	X			
	Random	CT	R10-RT002	R10-RT002-L1	X			Silt and fine sand with organics and some medium sand
	Random	CT		R10-RT002-L2	X			
	Random	CT		R10-RT002-L3	X			
	Random	CT		R10-RT002-L4		X	Abandoned due to gravel and dense cobble.	
	Random	CT		R10-RT002-L5	X		Shifted approximately 22 ft downstream	
	Random	CT	R10-RT003	R10-RT003-L1	X			Silt and fine sand with medium and coarse sand
	Random	CT		R10-RT003-L2	X			
	Random	CT		R10-RT003-L3	X			
	Random	CT		R10-RT003-L4	X			
	Random	CT		R10-RT003-L5	X			
	Systematic	CT	R10-ST001	R10-ST001-L1		X	Three (3) attempts with insufficient recovery; abandoned due to dense cobble/boulder	Silt, fine sand, and organics
	Systematic	CT		R10-ST001-L2	X			
	Systematic	CT		R10-ST001-L3	X			
	Systematic	CT		R10-ST001-L4	X			
	Systematic	CT		R10-ST001-L5	X			
	Systematic	CT	R10-ST002	R10-ST002-L1	X		Shifted 15 ft closer to shore for softer sediment	Fine sand, silt, and organics
	Systematic	CT		R10-ST002-L2		X	Three (3) attempts with insufficient recovery; abandoned due to dense cobble/boulder	
	Systematic	CT		R10-ST002-L3		X	Four (4) attempts with insufficient recovery; abandoned due to dense cobble/boulder	
	Systematic	CT		R10-ST002-L4		X	Five (5) attempts with insufficient recovery; abandoned due to dense cobble/boulder	
	Systematic	CT		R10-ST002-L5	X			
	Systematic	CT	R10-ST003	R10-ST003-L1	X			Silt and fine sand with organics and some medium sand
	Systematic	CT		R10-ST003-L2	X			
	Systematic	CT		R10-ST003-L3	X			
	Systematic	CT		R10-ST003-L4	X			
	Systematic	CT		R10-ST003-L5	X			
	Systematic	CT	R10-ST004	R10-ST004-L1		X	Abandoned; three (3) attempts with insufficient recovery, dense cobble and gravel	Silt, fine sand, and gravel
	Systematic	CT		R10-ST004-L2		X	Abandoned; three (3) attempts with insufficient recovery, dense cobble and gravel	
	Systematic	CT		R10-ST004-L3		X	Abandoned; three (3) attempts with insufficient recovery, dense cobble and gravel	
	Systematic	CT		R10-ST004-L4		X	Abandoned; three (3) attempts with insufficient recovery, dense cobble and gravel	
	Systematic	CT		R10-ST004-L5	X			
	Systematic	CT	R10-ST005	R10-ST005-L1		X	Abandoned; three (3) attempts with insufficient recovery, dense cobble and gravel	Silt, fine sand, and organics
	Systematic	CT		R10-ST005-L2		X	Abandoned; three (3) attempts with insufficient recovery, dense cobble and gravel	
	Systematic	CT		R10-ST005-L3		X	Abandoned; three (3) attempts with insufficient recovery, dense cobble and gravel	
	Systematic	CT		R10-ST005-L4		X	Abandoned; three (3) attempts with insufficient recovery, dense cobble and gravel	
	Systematic	CT		R10-ST005-L5	X			
	Systematic	CT	R10-ST006	R10-ST006-L1	X			Fine sand and silt with medium sand and organics
	Systematic	CT		R10-ST006-L2		X	Abandoned; three (3) attempts with insufficient recovery, dense cobble and gravel	
	Systematic	CT		R10-ST006-L3	X			
	Systematic	CT		R10-ST006-L4	X			
	Systematic	CT		R10-ST006-L5	X			
	Systematic	CT	R10-ST007	R10-ST007-L1	X			Silt and fine and medium sand with organics
	Systematic	CT		R10-ST007-L2		X	Abandoned; three (3) attempts with insufficient recovery, dense cobble and gravel	
	Systematic	CT		R10-ST007-L3	X			
	Systematic	CT		R10-ST007-L4		X	Abandoned; three (3) attempts with insufficient recovery, dense cobble and gravel	
	Systematic	CT		R10-ST007-L5	X			
	Systematic	CT	R10-ST008	R10-ST008-L1	X		Shifted approximately 18 ft upstream	Coarse, medium, and fine sand and silt with organics
	Systematic	CT		R10-ST008-L2	X			
	Systematic	CT		R10-ST008-L3		X	Abandoned; three (3) attempts with insufficient recovery, dense cobble and gravel	
	Systematic	CT		R10-ST008-L4	X			
	Systematic	CT		R10-ST008-L5	X			
	Systematic	CT	R10-ST009	R10-ST009-L1		X	Abandoned; three (3) attempts with insufficient recovery, dense cobble and gravel	Fine sand, medium sand, silt and organics
	Systematic	CT		R10-ST009-L2	X			
	Systematic	CT		R10-ST009-L3	X			
	Systematic	CT		R10-ST009-L4	X			
	Systematic	CT		R10-ST009-L5	X			

Table G-3
Field Summary

Reach	Random or Systematic	State	Transect ID	Discrete Location ID	Location Sampled	Location Abandoned	Location Notes[1]	Sediment Physical Characteristics[2]
	Systematic	CT	R10-ST010	R10-ST010-L1	X			Medium and fine sand with coarse sand and silt
	Systematic	CT		R10-ST010-L2	X			
	Systematic	CT		R10-ST010-L3	X			
	Systematic	CT		R10-ST010-L4	X			
	Systematic	CT		R10-ST010-L5		X	Abandoned; three (3) attempts with insufficient recovery, dense cobble and gravel	
	Systematic	CT	R10-ST011	R10-ST011-L1	X			Silt and fine sand with medium and coarse sand
	Systematic	CT		R10-ST011-L2	X			
	Systematic	CT		R10-ST011-L3	X			
	Systematic	CT		R10-ST011-L4	X			
	Systematic	CT		R10-ST011-L5		X	Abandoned; three (3) attempts with insufficient recovery, dense cobble and gravel	
	Systematic	CT	R10-ST012	R10-ST012-L1	X			Silt, fine and medium sand, and organics
	Systematic	CT		R10-ST012-L2	X			
	Systematic	CT		R10-ST012-L3		X	Abandoned; three (3) attempts with insufficient recovery, dense cobble and gravel	
	Systematic	CT		R10-ST012-L4		X	Abandoned; three (3) attempts with insufficient recovery, dense cobble and gravel	
	Systematic	CT		R10-ST012-L5	X			
	Random	CT	R11-RT001	R11-RT001-L1	X			Gravel and fine sand
	Random	CT		R11-RT001-L2	X			
	Random	CT		R11-RT001-L3		X	Dense medium/small cobbles. Three (3) attempts with insufficient recovery. Location abandoned	
	Random	CT		R11-RT001-L4		X	Dense medium/small cobbles. Three (3) attempts with insufficient recovery. Location abandoned	
	Random	CT		R11-RT001-L5		X	Dense medium/small cobbles. Three (3) attempts with insufficient recovery. Location abandoned	
	Random	CT	R11-RT002	R11-RT002-L1	X			Fine sand, silt, and medium sand
	Random	CT		R11-RT002-L2		X	Cobbles. Three (3) attempts with insufficient recovery. Location abandoned.	
	Random	CT		R11-RT002-L3		X	Cobbles and boulders. Three (3) attempts with insufficient recovery. Location abandoned.	
	Random	CT		R11-RT002-L4		X	Three (3) attempts with insufficient recovery due to dense cobble. Location abandoned.	
	Random	CT		R11-RT002-L5	X		Shifted approximately 15 ft towards shore due to substrate	
	Random	CT	R11-RT003	R11-RT003-L1	X		Shifted approximately 14 ft upstream due to dense cobble	Fine, medium, and coarse sand, and gravel
	Random	CT		R11-RT003-L2	X		Shifted approximately 13 ft upstream due to dense cobble	
	Random	CT		R11-RT003-L3	X		Shifted approximately 6 ft towards east bank due to dense cobble	
	Random	CT		R11-RT003-L4	X		Shifted approximately 9 ft upstream due to dense cobble	
	Random	CT		R11-RT003-L5	X		Shifted approximately 11 ft towards middle and upstream due to dense cobble	
	Systematic	CT	R11-ST001	R11-ST001-L1		X	Three (3) attempts with insufficient recovery due to large boulders, cobble, and gravel. Location abandoned.	Fine and medium sand, silt, and organics
	Systematic	CT		R11-ST001-L2		X	Three (3) attempts with insufficient recovery due to large boulders, cobble, and gravel. Location abandoned.	
	Systematic	CT		R11-ST001-L3		X	Three (3) attempts with insufficient recovery due to dense large cobble. Location abandoned.	
	Systematic	CT		R11-ST001-L4	X			
	Systematic	CT		R11-ST001-L5		X	Three (3) attempts with insufficient recovery due to dense cobble. Location abandoned.	
	Systematic	CT	R11-ST002	R11-ST002-L1	X		Shifted approximately 13 ft toward the bank due to cobble	Fine and medium sand, gravel and silt, trace organics
	Systematic	CT		R11-ST002-L2	X			
	Systematic	CT		R11-ST002-L3	X		Shifted approximately 15 ft upstream due to cobble	
	Systematic	CT		R11-ST002-L4		X	Three (3) attempts with insufficient recovery due to dense cobble. Location abandoned.	
	Systematic	CT		R11-ST002-L5		X	Three (3) attempts with insufficient recovery due to boulders. Location abandoned.	
	Systematic	CT	R11-ST003	R11-ST003-L1		X	Three (3) attempts with insufficient recovery due to cobble, boulder, and riprap. Location abandoned.	Medium and fine sand, gravel, some coarse sand and organics
	Systematic	CT		R11-ST003-L2		X	Three (3) attempts with insufficient recovery due to dense cobble. Location abandoned.	
	Systematic	CT		R11-ST003-L3	X		Shifted approximately 15 downstream due to cobble and boulders	
	Systematic	CT		R11-ST003-L4	X			
	Systematic	CT		R11-ST003-L5	X			
	Systematic	CT	R11-ST004	R11-ST004-L1	X		Shifted 5 ft towards shore	Fine and medium sand, silt, organics
	Systematic	CT		R11-ST004-L2		X	Three (3) attempts with insufficient recovery due to rock. Location abandoned.	
	Systematic	CT		R11-ST004-L3	X		Shifted approximately 8 ft downstream due to limited deposition	
	Systematic	CT		R11-ST004-L4	X			
	Systematic	CT		R11-ST004-L5	X			
	Systematic	CT	R11-ST005	R11-ST005-L1	X		Shifted approximately 16 ft toward bank due to dense cobble and limited deposition	Fine and medium sand, gravel, trace silt
	Systematic	CT		R11-ST005-L2	X		Shifted approximately 10 ft downstream due to dense cobble and limited deposition	
11	Systematic	CT		R11-ST005-L3		X	Three (3) attempts with insufficient recovery due to dense cobble. Location abandoned.	
	Systematic	CT		R11-ST005-L4	X		Shifted approximately 20 ft toward middle due to dense cobble and limited deposition	
	Systematic	CT		R11-ST005-L5	X		Shifted approximately 16 ft upstream due to dense cobble and limited deposition	
	Systematic	CT	R11-ST006	R11-ST006-L1	X		Shifted approximately 8 ft downstream due to cobble	Fine and medium sand, some gravel
	Systematic	CT		R11-ST006-L2	X			
	Systematic	CT		R11-ST006-L3		X	Three (3) attempts with insufficient recovery due to dense cobble and boulders. Location abandoned.	
	Systematic	CT		R11-ST006-L4		X	Four (4) attempts with insufficient recovery due to dense cobble and large boulders. Location abandoned.	
	Systematic	CT		R11-ST006-L5	X		Shifted approximately 15 ft upstream due to dense cobble and boulders	

Table G-3
Field Summary

Reach	Random or Systematic	State	Transect ID	Discrete Location ID	Location Sampled	Location Abandoned	Location Notes[1]	Sediment Physical Characteristics[2]
12	Systematic	CT	R11-ST007	R11-ST007-L1	X			Fine, medium, and coarse sand, some gravel
	Systematic	CT		R11-ST007-L2	X			
	Systematic	CT		R11-ST007-L3	X			
	Systematic	CT		R11-ST007-L4	X			
	Systematic	CT		R11-ST007-L5	X		Shifted approximately 16 ft upstream due to cobble	
	Systematic	CT	R11-ST008	R11-ST008-L1	X		Shifted approximately 11 ft downstream due to limited deposition and cobble	Fine and medium sand, silt, some coarse sand, some gravel, some organics
	Systematic	CT		R11-ST008-L2	X		Shifted approximately 10 ft toward bank due to limited deposition and cobble	
	Systematic	CT		R11-ST008-L3		X	Three (3) attempts with insufficient recovery due to large cobbles and boulders. Location abandoned.	
	Systematic	CT		R11-ST008-L4	X		Shifted approximately 18 ft toward middle and downstream due to limited deposition	
	Systematic	CT		R11-ST008-L5	X		Shifted approximately 10 ft toward middle and downstream due to limited deposition	
	Systematic	CT	R11-ST009	R11-ST009-L1	X			Coarse, medium, and fine sand, and gravel
	Systematic	CT		R11-ST009-L2	X			
	Systematic	CT		R11-ST009-L3	X			
	Systematic	CT		R11-ST009-L4	X			
	Systematic	CT		R11-ST009-L5	X			
	Systematic	CT	R11-ST010	R11-ST010-L1	X		Shifted approximately 8 ft upstream due to dense cobble and rocks	Coarse, medium, and fine sand, and gravel
	Systematic	CT		R11-ST010-L2	X		Shifted approximately 10 ft upstream due to dense cobble and rocks	
	Systematic	CT		R11-ST010-L3		X	Abandoned due to unsafe, fast-moving rapids.	
	Systematic	CT		R11-ST010-L4	X		Shifted approximately 11 ft downstream due to dense cobble and rocks	
	Systematic	CT		R11-ST010-L5	X		Shifted approximately 18 ft downstream due to dense cobble and rocks	
	Systematic	CT	R11-ST011	R11-ST011-L1	X			Coarse, fine, and medium sand with some gravel
	Systematic	CT		R11-ST011-L2	X		Shifted approximately 6 ft downstream due to dense cobble and boulders	
	Systematic	CT		R11-ST011-L3	X			
	Systematic	CT		R11-ST011-L4	X		Shifted approximately 8 ft towards middle and upstream due to dense cobble and boulders	
	Systematic	CT		R11-ST011-L5	X		Shifted approximately 10 ft upstream and towards shore due to dense cobble and boulders	
	Systematic	CT	R11-ST012	R11-ST012-L1	X			Coarse, fine, and medium sand, and gravel
	Systematic	CT		R11-ST012-L2	X			
	Systematic	CT		R11-ST012-L3	X		Shifted approximately 8 ft towards west bank due to dense cobble and boulders	
	Systematic	CT		R11-ST012-L4	X			
	Systematic	CT		R11-ST012-L5	X		Shifted approximately 15 ft towards bank and downstream due to dense cobble and boulders	
	Random	CT	R12-RT001	R12-RT001-L1	X		Shifted approximately 10 ft towards bank due to dense cobble and gravel	Fine and medium sand, and gravel
	Random	CT		R12-RT001-L2	X		Shifted approximately 15 ft towards bank due to dense cobble and gravel	
	Random	CT		R12-RT001-L3	X			
	Random	CT		R12-RT001-L4	X			
	Random	CT		R12-RT001-L5	X			
	Random	CT	R12-RT002	R12-RT002-L1	X			Fine and medium sand, gravel, trace silt
	Random	CT		R12-RT002-L2	X			
	Random	CT		R12-RT002-L3	X			
	Random	CT		R12-RT002-L4	X			
	Random	CT		R12-RT002-L5	X			
	Systematic	CT	R12-ST001	R12-ST001-L1		X	Three (3) attempts with insufficient recovery, abandoned due to bedrock and boulders.	Fine sand, some silt and medium sand, and gravel
	Systematic	CT		R12-ST001-L2		X	Three (3) attempts with insufficient recovery, abandoned due to bedrock and boulders.	
	Systematic	CT		R12-ST001-L3		X	Three (3) attempts with insufficient recovery, abandoned due to bedrock and boulders.	
	Systematic	CT		R12-ST001-L4	X		Shifted approximately 5 ft upstream to depositional area	
	Systematic	CT		R12-ST001-L5	X		Shifted approximately 10 ft towards middle, target location not submerged	
	Systematic	CT	R12-ST002	R12-ST002-L1	X		Shifted 10 ft downstream due to dense cobble	Coarse, medium, and fine sand, gravel, and trace silt
	Systematic	CT		R12-ST002-L2		X	Three (3) attempts with insufficient recovery, abandoned due to dense cobble.	
	Systematic	CT		R12-ST002-L3	X		Shifted approximately 15 ft towards bank due to dense cobble	
	Systematic	CT		R12-ST002-L4	X		Shifted approximately 10 ft downstream due to cobble	
	Systematic	CT		R12-ST002-L5	X			
	Systematic	CT	R12-ST003	R12-ST003-L1	X		Shifted approximately 5 ft upstream to depositional zone	Coarse, medium, and fine sand, gravel, and trace silt
	Systematic	CT		R12-ST003-L2	X		Shifted approximately 15 ft upstream behind boulder due to dense cobble	
	Systematic	CT		R12-ST003-L3	X		Shifted approximately 5 ft upstream behind boulder due to dense cobble	
	Systematic	CT		R12-ST003-L4	X		Shifted approximately 5 ft towards middle due to dense cobble, some pockets of sand behind cobble	
	Systematic	CT		R12-ST003-L5	X		Shifted approximately 5 ft upstream, target location not submerged	
	Systematic	CT	R12-ST004	R12-ST004-L1	X			Silt and fine sand, trace medium sand and gravel, some organics
	Systematic	CT		R12-ST004-L2	X			
	Systematic	CT		R12-ST004-L3	X		Shifted approximately 13 ft downstream, target location not submerged	
	Systematic	CT		R12-ST004-L4	X		Shifted approximately 5 ft upstream, target location not submerged, standing water w/ leaf litter	
	Systematic	CT		R12-ST004-L5	X		Shifted approximately 5 ft towards bank and downstream due to dense cobble	

Table G-3
Field Summary

Reach	Random or Systematic	State	Transect ID	Discrete Location ID	Location Sampled	Location Abandoned	Location Notes[1]	Sediment Physical Characteristics[2]
13	Systematic	CT	R12-ST005	R12-ST005-L1	X		Shifted approximately 7 ft upstream due to dense cobble	Fine and medium sand, gravel, some coarse sand and silt
	Systematic	CT		R12-ST005-L2	X		Shifted approximately 12 ft upstream due to dense cobble	
	Systematic	CT		R12-ST005-L3	X			
	Systematic	CT		R12-ST005-L4	X		Shifted approximately 11 ft downstream and towards bank due to dense cobble and boulders	
	Systematic	CT		R12-ST005-L5	X			
	Systematic	CT	R12-ST006	R12-ST006-L1	X			Fine sand and silt, gravel, some coarse sand and organics
	Systematic	CT		R12-ST006-L2	X			
	Systematic	CT		R12-ST006-L3	X			
	Systematic	CT		R12-ST006-L4	X			
	Systematic	CT		R12-ST006-L5	X		Shifted 30 ft towards bank along transect due to little or no recovery after three (3) attempts at target location	
	Systematic	CT	R12-ST007	R12-ST007-L1	X			Fine and medium and, some gravel, trace silt and organics
	Systematic	CT		R12-ST007-L2	X			
	Systematic	CT		R12-ST007-L3	X			
	Systematic	CT		R12-ST007-L4	X			
	Systematic	CT		R12-ST007-L5	X			
	Systematic	CT	R12-ST008	R12-ST008-L1	X		Shifted approximately 30 ft due dense cobble and gravel	Silt and fine sand, some medium sand, trace coarse sand, some organics
	Systematic	CT		R12-ST008-L2	X			
	Systematic	CT		R12-ST008-L3	X			
	Systematic	CT		R12-ST008-L4	X			
	Systematic	CT		R12-ST008-L5	X			
	Random	CT	R13-RT001	R13-RT001-L1		X	Abandoned due to large cobble and boulders	Medium and fine sand, and gravel
	Random	CT		R13-RT001-L2	X			
	Random	CT		R13-RT001-L3	X			
	Random	CT		R13-RT001-L4	X			
	Random	CT		R13-RT001-L5		X	Abandoned. Point was not submerged. River was dry from bank to 5 ft from L4.	
	Random	CT	R13-RT002	R13-RT002-L1	X			Silt and fine sand, some medium sand and organics
	Random	CT		R13-RT002-L2		X	Abandoned due to dense cobble	
	Random	CT		R13-RT002-L3		X	Abandoned due to dense cobble	
	Random	CT		R13-RT002-L4	X		Shifted approximately 10 ft towards east bank due to dense cobble	
	Random	CT		R13-RT002-L5	X			
	Systematic	CT	R13-ST001	R13-ST001-L1		X	Abandoned due to dense cobble and boulders	Fine sand, gravel, and organics
	Systematic	CT		R13-ST001-L2		X	Abandoned due to bedrock, and fast-moving water	
	Systematic	CT		R13-ST001-L3		X	Abandoned due to bedrock and fast-moving water	
	Systematic	CT		R13-ST001-L4		X	Abandoned due to bedrock, boulders, and fast-moving water	
	Systematic	CT		R13-ST001-L5	X		Shifted approximately 27 ft towards bank due to bedrock	
	Systematic	CT	R13-ST002	R13-ST002-L1	X		Shifted approximately 6 ft towards bank due to dense cobble and boulders	Fine sand, some gravel and coarse sand, trace medium sand and organics
	Systematic	CT		R13-ST002-L2	X		Shifted approximately 15 ft upstream due dense cobble and boulders	
	Systematic	CT		R13-ST002-L3		X	Abandoned due to fast-moving water, unsafe	
	Systematic	CT		R13-ST002-L4	X		Shifted approximately 9 ft downstream towards middle due to dense cobble	
	Systematic	CT		R13-ST002-L5	X			
	Systematic	CT	R13-ST003	R13-ST003-L1	X			Medium and fine sand, gravel, and trace coarse sand
	Systematic	CT		R13-ST003-L2	X			
	Systematic	CT		R13-ST003-L3	X			
	Systematic	CT		R13-ST003-L4	X			
	Systematic	CT		R13-ST003-L5	X			
	Systematic	CT	R13-ST004	R13-ST004-L1	X		Shifted approximately 7 ft towards middle, target location not submerged	Coarse and fine sand, and gravel
	Systematic	CT		R13-ST004-L2	X			
	Systematic	CT		R13-ST004-L3		X	Abandoned due to dense cobble and boulders	
	Systematic	CT		R13-ST004-L4		X	Abandoned due to very dense cobble	
	Systematic	CT		R13-ST004-L5		X	Abandoned due to very dense cobble	
	Systematic	CT	R13-ST005	R13-ST005-L1	X			Fine sand and gravel, some silt and organics
	Systematic	CT		R13-ST005-L2		X	Abandoned due to large cobble and boulders	
	Systematic	CT		R13-ST005-L3		X	Abandoned due to large cobble and boulders	
	Systematic	CT		R13-ST005-L4		X	Abandoned due to large cobble and boulders	
	Systematic	CT		R13-ST005-L5	X		Shifted approximately 9 ft towards middle due to dense cobble and boulders	
	Systematic	CT	R13-ST006	R13-ST006-L1	X		Shifted approximately 20 ft towards bank due to dense cobble and boulders	Coarse, medium, and fine sand, silt, and organics
	Systematic	CT		R13-ST006-L2		X	Abandoned due to dense cobble and boulders	
	Systematic	CT		R13-ST006-L3		X	Abandoned due to dense cobble	
	Systematic	CT		R13-ST006-L4		X	Abandoned due to dense cobble	
	Systematic	CT		R13-ST006-L5	X		Shifted approximately 16 ft downstream towards bank due to dense cobble	

Table G-3
Field Summary

Reach	Random or Systematic	State	Transect ID	Discrete Location ID	Location Sampled	Location Abandoned	Location Notes[1]	Sediment Physical Characteristics[2]
	Systematic	CT	R13-ST007	R13-ST007-L1		X	Abandoned due to dense cobble, fast-moving water	N/A
	Systematic	CT		R13-ST007-L2		X	Abandoned due to dense cobble, fast-moving water	
	Systematic	CT		R13-ST007-L3		X	Abandoned, point was not submerged and approximately 30 ft from water	
	Systematic	CT		R13-ST007-L4		X	Abandoned point was on large island	
	Systematic	CT		R13-ST007-L5		X	Abandoned due to dense cobble	
	Systematic	CT	R13-ST008	R13-ST008-L1	X		Shifted approximately 25 ft upstream and towards bank due to dense cobble	Fine sand, some gravel, some medium sand and silt, organics
	Systematic	CT		R13-ST008-L2	X			
	Systematic	CT		R13-ST008-L3	X			
	Systematic	CT		R13-ST008-L4	X			
	Systematic	CT		R13-ST008-L5	X		Shifted approximately 65 ft towards bank along transect due to dense cobble	
	Random	CT	R14-RT001	R14-RT001-L1	X			Fine sand, silt, and organics
	Random	CT		R14-RT001-L2	X			
	Random	CT		R14-RT001-L3	X			
	Random	CT		R14-RT001-L4	X			
	Random	CT		R14-RT001-L5	X			
	Random	CT	R14-RT002	R14-RT002-L1	X			Silt, fine sand, and organics
	Random	CT		R14-RT002-L2	X			
	Random	CT		R14-RT002-L3	X			
	Random	CT		R14-RT002-L4	X			
	Random	CT		R14-RT002-L5	X			
	Random	CT	R14-RT003	R14-RT003-L1	X			Silt, fine sand, and organics
	Random	CT		R14-RT003-L2	X			
	Random	CT		R14-RT003-L3	X			
	Random	CT		R14-RT003-L4	X			
	Random	CT		R14-RT003-L5	X			
	Random	CT	R14-RT004	R14-RT004-L1	X			Silt, fine sand, and organics
	Random	CT		R14-RT004-L2	X			
	Random	CT		R14-RT004-L3	X			
	Random	CT		R14-RT004-L4	X			
	Random	CT		R14-RT004-L5	X			
	Systematic	CT	R14-ST001	R14-ST001-L1	X			Silt, fine sand, and organics
	Systematic	CT		R14-ST001-L2		X	Three (3) attempts yielded insufficient recovery, Rock and gravel. Location abandoned.	
	Systematic	CT		R14-ST001-L3		X	Three (3) attempts yielded insufficient recovery, Rock and gravel. Location abandoned.	
	Systematic	CT		R14-ST001-L4		X	Three (3) attempts yielded insufficient recovery, Rock and gravel. Location abandoned.	
	Systematic	CT		R14-ST001-L5	X			
	Systematic	CT	R14-ST002	R14-ST002-L1	X			Fine sand, silt, medium and coarse sand
	Systematic	CT		R14-ST002-L2	X			
	Systematic	CT		R14-ST002-L3	X			
	Systematic	CT		R14-ST002-L4	X			
	Systematic	CT		R14-ST002-L5	X			
	Systematic	CT	R14-ST003	R14-ST003-L1	X			Silt, fine sand, coarse sand, and organics
	Systematic	CT		R14-ST003-L2	X			
	Systematic	CT		R14-ST003-L3	X			
	Systematic	CT		R14-ST003-L4	X			
	Systematic	CT		R14-ST003-L5	X			
	Systematic	CT	R14-ST004	R14-ST004-L1	X			Silt and fine sand with organics
	Systematic	CT		R14-ST004-L2	X			
	Systematic	CT		R14-ST004-L3	X			
	Systematic	CT		R14-ST004-L4	X			
	Systematic	CT		R14-ST004-L5	X			
	Systematic	CT	R14-ST005	R14-ST005-L1	X			Fine sand, silt, and organics
	Systematic	CT		R14-ST005-L2	X			
	Systematic	CT		R14-ST005-L3	X			
	Systematic	CT		R14-ST005-L4	X			
	Systematic	CT		R14-ST005-L5	X			
	Systematic	CT	R14-ST006	R14-ST006-L1	X			Silt, fine sand, and organics
	Systematic	CT		R14-ST006-L2	X			
	Systematic	CT		R14-ST006-L3	X			
	Systematic	CT		R14-ST006-L4	X			
	Systematic	CT		R14-ST006-L5	X			

14

Table G-3
Field Summary

Reach	Random or Systematic	State	Transect ID	Discrete Location ID	Location Sampled	Location Abandoned	Location Notes[1]	Sediment Physical Characteristics[2]
14	Systematic	CT	R14-ST007	R14-ST007-L1	X			Silt, fine sand, and organics
	Systematic	CT		R14-ST007-L2	X			
	Systematic	CT		R14-ST007-L3	X			
	Systematic	CT		R14-ST007-L4	X			
	Systematic	CT		R14-ST007-L5	X			
	Systematic	CT	R14-ST008	R14-ST008-L1	X			Silt, fine sand, and organics
	Systematic	CT		R14-ST008-L2	X			
	Systematic	CT		R14-ST008-L3	X			
	Systematic	CT		R14-ST008-L4	X		Shifted approximately 67 ft towards bank due to water depth deeper than the limit of sampling equipment	
	Systematic	CT		R14-ST008-L5	X			
	Systematic	CT	R14-ST009	R14-ST009-L1	X			Silt, fine sand, and organics
	Systematic	CT		R14-ST009-L2	X			
	Systematic	CT		R14-ST009-L3	X			
	Systematic	CT		R14-ST009-L4	X			
	Systematic	CT		R14-ST009-L5	X			
	Systematic	CT	R14-ST010	R14-ST010-L1	X			Silt, fine sand, and organics
	Systematic	CT		R14-ST010-L2	X			
	Systematic	CT		R14-ST010-L3	X			
	Systematic	CT		R14-ST010-L4		X	Three (3) attempts yielded insufficient recovery, Rock. Location abandoned.	
	Systematic	CT		R14-ST010-L5	X			
	Systematic	CT	R14-ST011	R14-ST011-L1	X			Silt, fine sand, and organics
	Systematic	CT		R14-ST011-L2	X			
	Systematic	CT		R14-ST011-L3	X			
	Systematic	CT		R14-ST011-L4	X			
	Systematic	CT		R14-ST011-L5	X			
	Systematic	CT	R14-ST012	R14-ST012-L1	X			Silt, fine sand, and organics
	Systematic	CT		R14-ST012-L2	X			
	Systematic	CT		R14-ST012-L3	X			
	Systematic	CT		R14-ST012-L4	X			
	Systematic	CT		R14-ST012-L5	X			
	Systematic	CT	R14-ST013	R14-ST013-L1	X			N/A
	Systematic	CT		R14-ST013-L2	X			
	Systematic	CT		R14-ST013-L3		X	Abandoned after three (3) attempts with insufficient recovery, hard bottom/rocks	
	Systematic	CT		R14-ST013-L4	X			
	Systematic	CT		R14-ST013-L5		X	Abandoned after three (3) attempts with insufficient recovery, hard bottom/rocks	
	Systematic	CT	R14-ST014	R14-ST014-L1	X			Silt, fine sand, and organics
	Systematic	CT		R14-ST014-L2	X			
	Systematic	CT		R14-ST014-L3		X	Abandoned after three (3) attempts with insufficient recovery, rock and steep drop-off	
	Systematic	CT		R14-ST014-L4		X	Abandoned after three (3) attempts with insufficient recovery, rock	
	Systematic	CT		R14-ST014-L5	X			
	Systematic	CT	R14-ST015	R14-ST015-L1		X	Abandoned after three (3) attempts due to rocks and mussels	Silt, fine sand, and organics
	Systematic	CT		R14-ST015-L2	X			
	Systematic	CT		R14-ST015-L3	X			
	Systematic	CT		R14-ST015-L4	X			
	Systematic	CT		R14-ST015-L5	X			
	Systematic	CT	R14-ST016	R14-ST016-L1	X			Silt, fine sand, and organics
	Systematic	CT		R14-ST016-L2	X			
	Systematic	CT		R14-ST016-L3	X			
	Systematic	CT		R14-ST016-L4	X			
	Systematic	CT		R14-ST016-L5	X			
	Random	CT	R15-RT001	R15-RT001-L1	X			Silt, fine sand, and organics
	Random	CT		R15-RT001-L2	X			
	Random	CT		R15-RT001-L3	X			
	Random	CT		R15-RT001-L4	X			
	Random	CT		R15-RT001-L5	X			
	Random	CT	R15-RT002	R15-RT002-L1	X			Silt and fine sand with organics
	Random	CT		R15-RT002-L2	X			
	Random	CT		R15-RT002-L3	X			
	Random	CT		R15-RT002-L4	X			
	Random	CT		R15-RT002-L5	X			

Table G-3
Field Summary

Reach	Random or Systematic	State	Transect ID	Discrete Location ID	Location Sampled	Location Abandoned	Location Notes[1]	Sediment Physical Characteristics[2]
15	Systematic	CT	R15-ST001	R15-ST001-L1	X			Medium and fine sand with organics
	Systematic	CT		R15-ST001-L2		X	Abandoned after three (3) attempts due to mussels and rocks	
	Systematic	CT		R15-ST001-L3	X			
	Systematic	CT		R15-ST001-L4		X	Abandoned after three (3) attempts due to mussels and rocks	
	Systematic	CT		R15-ST001-L5		X	Abandoned after three (3) attempts due to mussels and rocks	
	Systematic	CT	R15-ST002	R15-ST002-L1	X			Medium and coarse sand with silt
	Systematic	CT		R15-ST002-L2	X			
	Systematic	CT		R15-ST002-L3	X			
	Systematic	CT		R15-ST002-L4	X			
	Systematic	CT		R15-ST002-L5	X			
	Systematic	CT	R15-ST003	R15-ST003-L1	X		Shifted approximately 24 ft downstream due to a large rock pile on target location	Medium and fine sand with coarse sand, organics, and silt
	Systematic	CT		R15-ST003-L2	X			
	Systematic	CT		R15-ST003-L3	X			
	Systematic	CT		R15-ST003-L4	X			
	Systematic	CT		R15-ST003-L5	X			
	Systematic	CT	R15-ST004	R15-ST004-L1	X			Fine sand, silt, and organics
	Systematic	CT		R15-ST004-L2	X			
	Systematic	CT		R15-ST004-L3	X			
	Systematic	CT		R15-ST004-L4	X			
	Systematic	CT		R15-ST004-L5	X			
	Systematic	CT	R15-ST005	R15-ST005-L1	X			Silt, fine sand, and organics
	Systematic	CT		R15-ST005-L2	X			
	Systematic	CT		R15-ST005-L3	X			
	Systematic	CT		R15-ST005-L4	X			
	Systematic	CT		R15-ST005-L5	X			
	Systematic	CT	R15-ST006	R15-ST006-L1	X			N/A
	Systematic	CT		R15-ST006-L2	X			
	Systematic	CT		R15-ST006-L3	X			
	Systematic	CT		R15-ST006-L4	X			
	Systematic	CT		R15-ST006-L5	X			
	Systematic	CT	R15-ST007	R15-ST007-L1	X			Silt, fine sand, and organics
	Systematic	CT		R15-ST007-L2	X			
	Systematic	CT		R15-ST007-L3	X			
	Systematic	CT		R15-ST007-L4	X			
	Systematic	CT		R15-ST007-L5	X			
	Systematic	CT	R15-ST008	R15-ST008-L1	X			Silt and fine sand
	Systematic	CT		R15-ST008-L2	X			
	Systematic	CT		R15-ST008-L3	X			
	Systematic	CT		R15-ST008-L4	X			
	Systematic	CT		R15-ST008-L5	X			
	Random	CT	R16-RT001	R16-RT001-L1	X			Silt, fine sand, and organics
	Random	CT		R16-RT001-L2		X	Three (3) attempts with insufficient recovery, rocks. Location abandoned.	
	Random	CT		R16-RT001-L3		X	Three (3) attempts with insufficient recovery, rocks. Location abandoned.	
	Random	CT		R16-RT001-L4		X	Three (3) attempts with insufficient recovery, rocks. Location abandoned.	
	Random	CT		R16-RT001-L5	X			
	Random	CT	R16-RT002	R16-RT002-L1	X			Medium, coarse, and fine sand with organics
	Random	CT		R16-RT002-L2	X			
	Random	CT		R16-RT002-L3	X			
	Random	CT		R16-RT002-L4	X			
	Random	CT		R16-RT002-L5	X			
	Systematic	CT	R16-ST001	R16-ST001-L1		X	Abandoned due to rock and fast-moving water	N/A
	Systematic	CT		R16-ST001-L2		X	Abandoned due to rock and fast-moving water	
	Systematic	CT		R16-ST001-L3		X	Abandoned due to rock and fast-moving water	
	Systematic	CT		R16-ST001-L4		X	Abandoned due to rock and fast-moving water	
	Systematic	CT		R16-ST001-L5		X	Abandoned due to rock and fast-moving water	
	Systematic	CT	R16-ST002	R16-ST002-L1	X			Fine sand and organics with medium sand
	Systematic	CT		R16-ST002-L2		X	Three (3) attempts with insufficient recovery, hard bottom. Location abandoned.	
	Systematic	CT		R16-ST002-L3		X	Three (3) attempts with insufficient recovery, hard bottom. Location abandoned.	
	Systematic	CT		R16-ST002-L4		X	Three (3) attempts with insufficient recovery, hard bottom. Location abandoned.	
	Systematic	CT		R16-ST002-L5		X	Three (3) attempts with insufficient recovery, boulders. Location abandoned.	

Table G-3
Field Summary

Reach	Random or Systematic	State	Transect ID	Discrete Location ID	Location Sampled	Location Abandoned	Location Notes[1]	Sediment Physical Characteristics[2]
16	Systematic	CT	R16-ST003	R16-ST003-L1		X	Three (3) attempts with insufficient recovery, hard bottom. Location abandoned.	Silt, fine sand, and organics
	Systematic	CT		R16-ST003-L2		X	Three (3) attempts with insufficient recovery, hard bottom. Location abandoned.	
	Systematic	CT		R16-ST003-L3		X	Three (3) attempts with insufficient recovery, hard bottom. Location abandoned.	
	Systematic	CT		R16-ST003-L4	X			
	Systematic	CT		R16-ST003-L5	X			
	Systematic	CT	R16-ST004	R16-ST004-L1	X			Silt and organics with fine sand a gravel
	Systematic	CT		R16-ST004-L2		X	Three (3) attempts with insufficient recovery abandoned due to hard bottom/rocks	
	Systematic	CT		R16-ST004-L3		X	Three (3) attempts with insufficient recovery abandoned due to hard bottom/rocks	
	Systematic	CT		R16-ST004-L4		X	Three (3) attempts with insufficient recovery abandoned due to hard bottom/rocks	
	Systematic	CT		R16-ST004-L5	X			
	Systematic	CT	R16-ST005	R16-ST005-L1		X	Three (3) attempts with insufficient recovery, abandoned due to hard bottom/rocks	Medium and fine sand with organics
	Systematic	CT		R16-ST005-L2		X	Three (3) attempts with insufficient recovery, abandoned due to hard bottom/rocks	
	Systematic	CT		R16-ST005-L3		X	Three (3) attempts with insufficient recovery, abandoned due to hard bottom/rocks	
	Systematic	CT		R16-ST005-L4	X			
	Systematic	CT		R16-ST005-L5		X	Three (3) attempts with insufficient recovery, abandoned due to hard bottom/rocks	
	Systematic	CT	R16-ST006	R16-ST006-L1	X			Fine and medium sand with organics
	Systematic	CT		R16-ST006-L2	X			
	Systematic	CT		R16-ST006-L3	X			
	Systematic	CT		R16-ST006-L4	X			
	Systematic	CT		R16-ST006-L5	X			
	Systematic	CT	R16-ST007	R16-ST007-L1	X			Medium and fine sand with organics
	Systematic	CT		R16-ST007-L2	X			
	Systematic	CT		R16-ST007-L3	X			
	Systematic	CT		R16-ST007-L4	X			
	Systematic	CT		R16-ST007-L5	X			
	Systematic	CT	R16-ST008	R16-ST008-L1	X			Fine and medium sand with organics
	Systematic	CT		R16-ST008-L2	X			
	Systematic	CT		R16-ST008-L3	X			
	Systematic	CT		R16-ST008-L4	X			
	Systematic	CT		R16-ST008-L5	X			

Notes:
1. Location descrptions are based on field observations made at each discrete location on the transect.
2. The sediment description applies only to the composite sample and does not describe the material of any abandoned samples.
CT: Connecticut
ft: feet
MA: Massachusetts
N/A: Not applicable either because a sample was not collected or a sediment description was not recorded.

Appendix H
Data Validation Reports
(Surface Sediment)

Table H-1
Sediment Analytical Completeness

Matrix	Analytical Category	Sample Count[1]	Count Results[1]	Count Rejected Results	Count Non-Rejected Results	Percent Analyzed	Percent Completeness	Analytical Completeness Goal
Sediment	PCB Aroclors	204	1428	0	1428	100%	100%	≥ 90%
	Total Organic Carbon	204	204	0	204	100%	100%	≥ 90%
	Total Solids	204	204	0	204	100%	100%	≥ 90%
	Grain Size	204	3,672	0	3672	100%	100%	≥ 90%
	All Analytes		***5508***	***0***	***5508***	***100%***	***100%***	***≥ 90%***

Notes:

1. Count results include field duplicates and rinsate blanks.

PCB: polychlorinated biphenyl

1201 3rd Ave Suite 2600
Seattle, Washington 98101
206.287.9130

Data Validation Report – EPA Stage 2A

September 2, 2025

Project: GE Housatonic River Floodplain

Project Number: 190469-01.03

DVR Number: AQ-2025-0114

This report summarizes the review of analytical results for 76 sediment samples, 4 field duplicate samples, and 3 equipment rinsate blanks collected October through December 2024. The samples were collected by Anchor QEA and AECOM and submitted to SGS North America (SGS) in Dayton, New Jersey. Samples were analyzed for the following parameters:

- Polychlorinated biphenyl Aroclors (PCBs) by U.S. Environmental Protection Agency (EPA) method 8082A
- Total organic carbon (TOC) by method Lloyd Kahn and USEPA 9060A
- Total solids (TS) by Standard Method 2540G
- Grain size (GS) by ASTM International Method D422

Sample IDs, associated sample delivery groups (SDGs), matrices, and analyses are presented in Attachment 1. Three SDGs were reviewed in this report.

Data Validation and Qualifications

The following comments refer to the laboratory's performance in meeting the quality assurance/ quality control (QA/QC) guidelines outlined in the analytical procedures. Laboratory results were reviewed using the following guidelines:

- Field Sampling Plan/Quality Assurance Project Plan, Revision1 (Arcadis 2023)
- EPA Test Methods for Evaluating Solid Waste: Physical/Chemical Methods (SW-846, Third Edition; EPA1986)
- Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (EPA 1996)
- EPA National Functional Guidelines for Organic Superfund Methods Data Review (EPA 2020a)
- EPA National Functional Guidelines for Inorganic Superfund Methods Data Review (EPA 2020b)

Unless noted in this report, laboratory results for the samples listed above were within QC criteria.

Field Documentation

Field documentation was checked for completeness and accuracy. The chain-of-custody forms were signed by SGS at the time of sample receipt with the exception of SDG JD98197. Samples were received in good condition and within the recommended temperature range.

Sample Preservation and Holding Times

Samples were appropriately preserved and analyzed within the holding times with the exception of TOC. All sediment TOC results were analyzed outside of the 14-day holding time. TOC sediment results were qualified "J" to indicate they are estimated.

Laboratory Method Blanks

Laboratory method blanks were analyzed at the required frequencies and were free of target analytes.

Field Quality Control

Field Quality Control (QC) included rinsate blanks and field duplicates. Field QC samples were collected at the required frequency.

Equipment Rinsate Blanks

Three equipment rinsate blanks were collected in association with these sample sets. All rinsate blanks were analyzed for PCBs and TOC. All PCB and TOC results were below detection.

Field Duplicates

Four field duplicates were collected in association with these sample sets. Detected results are summarized in Table 1. Field duplicate relative percent difference (RPD) values were assessed by the 50% RPD according to the QAPP. Results that were less than five times the method reporting limit (MRL) were assessed by the difference between them using ± 2 x MRL as the control limit. Parent sample and duplicate results associated with RPD or difference values above control limits have been qualified "J" to indicate they are estimated.

Table 1
Field Duplicate Summary

Analyte	R7A-RT003-COMP-241009-00-0.3	R7A-RT003-COMP-BD0001	RPD	Difference	Difference CL
Aroclor 1260	104 µg/kg	55.7 µg/kg	--	48.3 µg/kg	50 µg/kg
TOC	193000 mg/kg	6780 mg/kg	186%	--	--
Total solids	76.50%	82.30%	7%	--	--

Analyte	R7A-RT003-COMP-241009-00-0.3	R7A-RT003-COMP-BD0001	RPD	Difference	Difference CL
Gravel	20.70%	35.60%	53%	--	--
Percent passing (hydrometer 1)	3.30%	3.00%	10%	--	--
Percent passing (hydrometer 2)	2.00%	2.00%	0%	--	--
Percent passing (hydrometer 3)	1.00%	1.00%	0%	--	--
Percent passing 0.375 inch (3/8 inch sieve)	92.30%	79.70%	15%	--	--
Percent passing 0.75 inch (3/4 inch sieve)	100%	92.00%	8%	--	--
Percent passing 1.5 inch (1.5 inch sieve)	100%	100%	0%	--	--
Percent passing 150 micron sieve (#100)	12.30%	7.00%	55%	--	--
Percent passing 2000 micron sieve (#10)	55.00%	47.60%	14%	--	--
Percent passing 3 inch (3 inch sieve)	100%	100%	0%	--	--
Percent passing 4750 micron sieve (#4)	79.30%	64.40%	21%	--	--
Percent passing 50 micron sieve	23.50%	17.50%	29%	--	--
Percent passing 75 micron sieve (#200)	6.80%	3.40%	67%	--	--
Percent passing 8.0 micron	67.00%	54.90%	20%	--	--
Percent retained 16K micron sieve	48.70%	41.10%	17%	--	--
Percent retained 30 micron sieve	36.60%	29.10%	23%	--	--
Sand	72.50%	61.00%	17%	--	--
Silt	6.80%	3.40%	67%	--	--

Analyte	R7D-ST012-COMP-241022-00-0.25	R7D-ST012-COMP-BD0001	RPD	Difference	Difference CL
Aroclor 1260	93.0 µg/kg	65.1 µg/kg	--	27.9 µg/kg	52 µg/kg
TOC	3140 mg/kg	2470 mg/kg	24%	--	--
Total solids	73.20%	73.70%	1%	--	--

Analyte	R7D-ST023-COMP-241024-00-0.25	R7D-ST023-COMP-BD0001	RPD	Difference	Difference CL
Aroclor 1260	23.9 µg/kg	31.6 µg/kg	--	7.7 µg/kg	52 µg/kg
TOC	2870 mg/kg	2710 mg/kg	6%	--	--
Total solids	72.10%	82.30%	13%	--	--

Analyte	R7F-ST012-COMP-241015-00-0.33	R7F-ST012-COMP-BD0001	RPD	Difference	Difference CL
Aroclor 1260	220 µg/kg	116 µg/kg	--	104 µg/kg	62 µg/kg
TOC	9540 mg/kg	4550 mg/kg	71%	--	--
Total solids	61.20%	71.60%	16%	--	--
Gravel	0.0%	0.0%	0%	--	--
Percent passing (hydrometer 1)	11.80%	12.00%	2%	--	--
Percent passing (hydrometer 2)	8.20%	8.30%	1%	--	--
Percent passing (hydrometer 3)	4.50%	4.60%	2%	--	--
Percent passing 0.375 inch (3/8 inch sieve)	100%	100%	0%	--	--
Percent passing 0.75 inch (3/4 inch sieve)	100%	100%	0%	--	--
Percent passing 1.5 inch (1.5 inch sieve)	100%	100%	0%	--	--
Percent passing 150 micron sieve (#100)	20.90%	23.20%	10%	--	--

Analyte	R7F-ST012-COMP-241015-00-0.33	R7F-ST012-COMP-BD0001	RPD	Difference	Difference CL
Percent passing 2000 micron sieve (#10)	100%	100%	0%	--	--
Percent passing 3 inch (3 inch sieve)	100%	100%	0%	--	--
Percent passing 4750 micron sieve (#4)	100%	100%	0%	--	--
Percent passing 50 micron sieve	39.30%	43.50%	10%	--	--
Percent passing 75 micron sieve (#200)	13.50%	13.20%	2%	--	--
Percent passing 8.0 micron	100%	100%	0%	--	--
Percent retained 16K micron sieve	94.30%	95.60%	1%	--	--
Percent retained 30 micron sieve	73.70%	73.60%	0%	--	--
Sand	86.50%	86.80%	0%	--	--
Silt	13.50%	13.20%	2%	--	--

Notes:
CL: Control Limit
µg/kg: microgram per kilogram
mg/kg: milligram per kilogram

Surrogate Spike Recoveries

Due to the inability to accurately quantify surrogates when a sample was analyzed at a dilution of 5x or greater, no data were qualified when surrogate recoveries were outside of control limits. When surrogate recoveries were outside of the control limits in one column, but results were reported from the other column; no data were qualified. Surrogates recovered outside of control limits in some laboratory QC samples, however; data are not qualified for surrogate outliers in QC samples alone or when outlying surrogates are associated with the non-reporting column. Surrogates recovered within project-required control limits with several exceptions.

- Tetrachloro-m-xylene (TMX) and decachlorobiphenyl (DCB) recovered below the control limit for sample RB-2410181455. The sample results were qualified “UJ” to indicate a potential low bias.
- TMX and DCB recovered above the control limit for R7A-RT002-COMP-241009-00-0.25. Detected sample results were qualified “J” to indicate a potential high bias.

Column Confirmation Results

Second column confirmation results were within method requirements (40% RPD) for detected results.

Laboratory Control Samples and Laboratory Control Sample Duplicates

Laboratory control samples (LCS) and laboratory control sample duplicates (LCSD) were analyzed at the required frequency. No data were qualified when the LCS or LCSD recoveries were above the control limits and sample concentrations were not detected. No data were qualified when the surrogate recoveries were above the control limits and sample concentrations were not detected. LCS and LCSD recoveries and/or RPD values within project-required control limits with the following exceptions. The LCS and LCSD recovered below the project-required control limit for Aroclor 1016 in batch OP58836. Associated batch sample results were qualified "UJ" to indicate a potential low bias.

Matrix Spike and Matrix Spike Duplicate Samples

Matrix spike (MS) and matrix spike duplicate (MSD) samples were analyzed at the required frequencies or MSDs were analyzed in place of laboratory duplicates. MS/MSD results reported for non-project samples were not evaluated. No data were qualified when native sample concentrations were greater than four times spike concentrations. No data were qualified when the recoveries and/or the RPD values were above the control limits and sample concentrations were not detected. Recoveries and/or RPD values were within project-required control limits with the following exceptions. Aroclor 1260 recovered above the control limit in the MS and/or MSD analyzed on samples R7A-RT001-COMP-241008-00-0.2 and R7D-ST015-COMP-241023-00-0.33. Detected sample results have been qualified "J" to indicate a potential high bias.

Laboratory Duplicates

Laboratory duplicates were analyzed at the required frequency for total solids and grain size analyses and RPD values were within project-required control limits with the following exceptions. The RPD was above the laboratory-defined control limit for percent passing 50 micron sieve on sample R7A-ST006-COMP-241008-00-0.3 and gravel on sample R7F-ST011-COMP-241015-00-0.33. Sample results were qualified "J" to indicate they are estimated.

Method Reporting Limits

MRLs were acceptable as reported. All values were reported using the laboratory reporting limits. Values were reported as undiluted or when diluted, the reporting limit reflects the dilution factor.

Overall Assessment

As was determined by this evaluation, the laboratory followed the specified analytical methods and all requested sample analyses were completed. Accuracy was acceptable as demonstrated by the surrogate, LCS/LCSD, and MS/MSD recovery values, with the exceptions noted above. Precision was acceptable as demonstrated by the LCS/LCSD, MS/MSD, and laboratory and field duplicate RPD or difference values, with the exceptions noted above. All data are acceptable as reported or qualified. Completeness was 100%; completeness goals were met. Table 2 summarizes the qualifiers applied to the sample results reviewed in this report.

Data Qualifier Definitions

U Indicates the compound or analyte was analyzed for but not detected at or above the specified limit.

J Indicates an estimated value.

UJ Indicates the compound or analyte was analyzed for but not detected and the specified limit reported is estimated.

Table 2
Data Qualification Summary

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
R7A-RT001-COMP-241008-00-0.2	Conventionals	TOC	6850 mg/kg	6850J mg/kg	Holding time exceedance
	PCBs	Aroclor 1260	66.4 µg/kg	66.4J µg/kg	MS/MSD %R above CL
R7A-RT002-COMP-241009-00-0.25	Conventionals	TOC	9620 mg/kg	9620J mg/kg	Holding time exceedance
	PCBs	Aroclor 1260	179 µg/kg	179J µg/kg	Surrogate %R above CL
R7A-RT003-COMP-241009-00-0.3	Conventionals	Gravel	20.7%	20.7J%	FD RPD above CL
	Conventionals	Percent passing 150 micron sieve (#100)	12.3%	12.3J%	
	Conventionals	Percent passing 75 micron sieve (#200)	6.8%	6.8J%	
	Conventionals	Silt	6.8%	6.8J%	
	Conventionals	TOC	193000 mg/kg	193000J mg/kg	Holding time exceedance; FD RPD above CL
	Conventionals	Gravel	35.6%	35.6J%	FD RPD above CL

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
R7A-RT003-COMP-BD0001	Conventionals	Percent passing 150 micron sieve (#100)	7.0%	7.0J%	
	Conventionals	Percent passing 75 micron sieve (#200)	3.4%	3.4J%	
	Conventionals	Silt	3.4%	3.4J%	
	Conventionals	TOC	6780 mg/kg	6780J mg/kg	Holding time exceedance; FD RPD above CL
R7A-RT004-COMP-241010-00-0.5	Conventionals	TOC	12100 mg/kg	12100J mg/kg	Holding time exceedance
R7A-ST001-COMP-241007-00-0.25	Conventionals	TOC	2040 mg/kg	2040J mg/kg	Holding time exceedance
R7A-ST005-COMP-241008-00-0.42	Conventionals	TOC	1990 mg/kg	1990J mg/kg	Holding time exceedance
R7A-ST006-COMP-241008-00-0.3	Conventionals	TOC	3110 mg/kg	3110J mg/kg	Holding time exceedance
	Conventionals	Percent passing 50 micron sieve	6.9%	6.9J%	LD RPD above CL
R7A-ST007-COMP-241008-00-0.3	Conventionals	TOC	1070 mg/kg	1070J mg/kg	Holding time exceedance
R7A-ST009-COMP-241008-00-0.25	Conventionals	TOC	9600 mg/kg	9600J mg/kg	Holding time exceedance
R7A-ST010-COMP-241009-00-0.3	Conventionals	TOC	23300 mg/kg	23300J mg/kg	Holding time exceedance
R7A-ST011-COMP-241009-00-0.3	Conventionals	TOC	6980 mg/kg	6980J mg/kg	Holding time exceedance
R7A-ST012-COMP-241009-00-0.3	Conventionals	TOC	7160 mg/kg	7160J mg/kg	Holding time exceedance
R7A-ST014-COMP-241009-00-0.25	Conventionals	TOC	5630 mg/kg	5630J mg/kg	Holding time exceedance
R7A-ST015-COMP-241010-00-0.3	Conventionals	TOC	3940 mg/kg	3940J mg/kg	Holding time exceedance
R7A-ST016-COMP-241010-00-0.25	Conventionals	TOC	14800 mg/kg	14800J mg/kg	Holding time exceedance
R7D-RT001-COMP-241021-00-0.25	Conventionals	TOC	1940 mg/kg	1940J mg/kg	Holding time exceedance
R7D-RT002-COMP-241022-00-0.33	Conventionals	TOC	9040 mg/kg	9040J mg/kg	Holding time exceedance

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
R7D-RT003-COMP-241022-00-0.25	Conventionals	TOC	2680 mg/kg	2680J mg/kg	Holding time exceedance
R7D-RT004-COMP-241023-00-0.25	Conventionals	TOC	15500 mg/kg	15500J mg/kg	Holding time exceedance
R7D-RT005-COMP-241023-00-0.25	Conventionals	TOC	1840 mg/kg	1840J mg/kg	Holding time exceedance
R7D-RT006-COMP-241023-00-0.33	Conventionals	TOC	30900 mg/kg	30900J mg/kg	Holding time exceedance
R7D-RT007-COMP-241024-00-0.33	Conventionals	TOC	1240 mg/kg	1240J mg/kg	Holding time exceedance
R7D-RT008-COMP-241024-00-0.33	Conventionals	TOC	20400 mg/kg	20400J mg/kg	Holding time exceedance
R7D-ST001-COMP-241018-00-0.33	Conventionals	TOC	7190 mg/kg	7190J mg/kg	Holding time exceedance
R7D-ST002-COMP-241018-00-0.25	Conventionals	TOC	1390 mg/kg	1390J mg/kg	Holding time exceedance
R7D-ST003-COMP-241018-00-0.33	Conventionals	TOC	16400 mg/kg	16400J mg/kg	Holding time exceedance
R7D-ST006-COMP-241021-00-0.25	Conventionals	TOC	21300 mg/kg	21300J mg/kg	Holding time exceedance
R7D-ST007-COMP-241021-00-0.33	Conventionals	TOC	4210 mg/kg	4210J mg/kg	Holding time exceedance
R7D-ST008-COMP-241021-00-0.25	Conventionals	TOC	2160 mg/kg	2160J mg/kg	Holding time exceedance
R7D-ST009-COMP-241022-00-0.33	Conventionals	TOC	5030 mg/kg	5030J mg/kg	Holding time exceedance
R7D-ST010-COMP-241022-00-0.25	Conventionals	TOC	7860 mg/kg	7860J mg/kg	Holding time exceedance
R7D-ST011-COMP-241022-00-0.33	Conventionals	TOC	2420 mg/kg	2420J mg/kg	Holding time exceedance
R7D-ST012-COMP-241022-00-0.25	Conventionals	TOC	3140 mg/kg	3140J mg/kg	Holding time exceedance
R7D-ST012-COMP-BD0001	Conventionals	TOC	2470 mg/kg	2470J mg/kg	Holding time exceedance
R7D-ST013-COMP-241022-00-0.25	Conventionals	TOC	5960 mg/kg	5960J mg/kg	Holding time exceedance
R7D-ST014-COMP-241022-00-0.33	Conventionals	TOC	5320 mg/kg	5320J mg/kg	Holding time exceedance
R7D-ST015-COMP-241023-00-0.33	Conventionals	TOC	10500 mg/kg	10500J mg/kg	Holding time exceedance
	PCBs	Aroclor 1260	154 µg/kg	154J µg/kg	MS %R above CL
R7D-ST017-COMP-241023-00-0.25	Conventionals	TOC	2330 mg/kg	2330J mg/kg	Holding time exceedance

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
R7D-ST018-COMP-241023-00-0.33	Conventionals	TOC	2910 mg/kg	2910J mg/kg	Holding time exceedance
R7D-ST019-COMP-241023-00-0.33	Conventionals	TOC	9410 mg/kg	9410J mg/kg	Holding time exceedance
R7D-ST020-COMP-241023-00-0.33	Conventionals	TOC	3280 mg/kg	3280J mg/kg	Holding time exceedance
R7D-ST021-COMP-241023-00-0.33	Conventionals	TOC	5990 mg/kg	5990J mg/kg	Holding time exceedance
R7D-ST022-COMP-241023-00-0.25	Conventionals	TOC	5230 mg/kg	5230J mg/kg	Holding time exceedance
R7D-ST023-COMP-241024-00-0.25	Conventionals	TOC	2870 mg/kg	2870J mg/kg	Holding time exceedance
R7D-ST023-COMP-BD0001	Conventionals	TOC	2710 mg/kg	2710J mg/kg	Holding time exceedance
R7D-ST024-COMP-241024-00-0.33	Conventionals	TOC	2150 mg/kg	2150J mg/kg	Holding time exceedance
R7D-ST025-COMP-241024-00-0.33	Conventionals	TOC	5450 mg/kg	5450J mg/kg	Holding time exceedance
R7D-ST026-COMP-241024-00-0.33	Conventionals	TOC	8560 mg/kg	8560J mg/kg	Holding time exceedance
R7D-ST027-COMP-241024-00-0.33	Conventionals	TOC	10900 mg/kg	10900J mg/kg	Holding time exceedance
R7D-ST028-COMP-241024-00-0.25	Conventionals	TOC	14300 mg/kg	14300J mg/kg	Holding time exceedance
R7D-ST029-COMP-241024-00-0.33	Conventionals	TOC	13800 mg/kg	13800J mg/kg	Holding time exceedance
R7D-ST030-COMP-241024-00-0.25	Conventionals	TOC	10600 mg/kg	10600J mg/kg	Holding time exceedance
R7D-ST031-COMP-241025-00-0.25	Conventionals	TOC	10700 mg/kg	10700J mg/kg	Holding time exceedance
R7D-ST032-COMP-241025-00-0.25	Conventionals	TOC	12800 mg/kg	12800J mg/kg	Holding time exceedance
R7F-RT001-COMP-241011-00-0.42	Conventionals	TOC	1870 mg/kg	1870J mg/kg	Holding time exceedance
R7F-RT002-COMP-241011-00-0.5	Conventionals	TOC	5690 mg/kg	5690J mg/kg	Holding time exceedance
R7F-RT003-COMP-241015-00-0.33	Conventionals	TOC	3110 mg/kg	3110J mg/kg	Holding time exceedance
R7F-RT004-COMP-241015-00-0.33	Conventionals	TOC	7890 mg/kg	7890J mg/kg	Holding time exceedance
R7F-ST001-COMP-241017-00-0.5	Conventionals	TOC	7840 mg/kg	7840J mg/kg	Holding time exceedance

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
R7F-ST002-COMP-241017-00-0.25	Conventionals	TOC	5380 mg/kg	5380J mg/kg	Holding time exceedance
R7F-ST003-COMP-241017-00-0.25	Conventionals	TOC	3540 mg/kg	3540J mg/kg	Holding time exceedance
R7F-ST004-COMP-241011-00-0.25	Conventionals	TOC	1620 mg/kg	1620J mg/kg	Holding time exceedance
R7F-ST005-COMP-241011-00-0.42	Conventionals	TOC	1850 mg/kg	1850J mg/kg	Holding time exceedance
R7F-ST006-COMP-241011-00-0.42	Conventionals	TOC	2960 mg/kg	2960J mg/kg	Holding time exceedance
R7F-ST007-COMP-241017-00-0.33	Conventionals	TOC	4150 mg/kg	4150J mg/kg	Holding time exceedance
R7F-ST008-COMP-241011-00-0.5	Conventionals	TOC	1980 mg/kg	1980J mg/kg	Holding time exceedance
R7F-ST009-COMP-241011-00-0.42	Conventionals	TOC	2340 mg/kg	2340J mg/kg	Holding time exceedance
R7F-ST010-COMP-241015-00-0.33	Conventionals	TOC	8530 mg/kg	8530J mg/kg	Holding time exceedance
R7F-ST011-COMP-241015-00-0.33	Conventionals	TOC	1760 mg/kg	1760J mg/kg	Holding time exceedance
	Conventionals	Gravel	7.8%	7.8J%	LD RPD above CL
R7F-ST012-COMP-241015-00-0.33	PCBs	Aroclor 1260	220 µg/kg	220J µg/kg	FD Difference above CL
	Conventionals	TOC	9540 mg/kg	9540J mg/kg	Holding time exceedance; FD RPD above CL
R7F-ST012-COMP-BD0001	PCBs	Aroclor 1260	116 µg/kg	116J µg/kg	FD Difference above CL
	Conventionals	TOC	4550 mg/kg	4550J mg/kg	Holding time exceedance; FD RPD above CL
R7F-ST013-COMP-241015-00-0.25	Conventionals	TOC	2750 mg/kg	2750J mg/kg	Holding time exceedance
R7F-ST014-COMP-241015-00-0.33	Conventionals	TOC	3360 mg/kg	3360J mg/kg	Holding time exceedance
R7F-ST015-COMP-241017-00-0.5	Conventionals	TOC	15600 mg/kg	15600J mg/kg	Holding time exceedance
R7H-RT002-COMP-241016-00-0.33	Conventionals	TOC	2030 mg/kg	2030J mg/kg	Holding time exceedance
R7H-RT003-COMP-241016-00-0.33	Conventionals	TOC	7700 mg/kg	7700J mg/kg	Holding time exceedance
R7H-ST006-COMP-241016-00-0.25	Conventionals	TOC	1730 mg/kg	1730J mg/kg	Holding time exceedance

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
R7H-ST009-COMP-241016-00-0.25	Conventionals	TOC	3020 mg/kg	3020J mg/kg	Holding time exceedance
R7H-ST011-COMP-241016-00-0.25	Conventionals	TOC	3650 mg/kg	3650J mg/kg	Holding time exceedance
RB-2410181455	PCBs	Aroclor 1016	0.40U ug/L	0.40UJ ug/L	LCS/LCSD %R below CL; Surrogate %R below CL
		Aroclor 1221	0.40U ug/L	0.40UJ ug/L	
		Aroclor 1232	0.40U ug/L	0.40UJ ug/L	
		Aroclor 1242	0.40U ug/L	0.40UJ ug/L	
		Aroclor 1248	0.40U ug/L	0.40UJ ug/L	Surrogate %R below CL
		Aroclor 1254	0.40U ug/L	0.40UJ ug/L	
		Aroclor 1260	0.40U ug/L	0.40UJ ug/L	

References

Arcadis, 2023. *Field Sampling Plan/Quality Assurance Project Plan, Revision 1*. Prepared for General Electric Company, Pittsfield, Massachusetts. December 2023.

EPA (U.S. Environmental Protection Agency),1986. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods*. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. EPA-530/SW-846.

EPA, 1996. *Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses*. USEPA-New England, Region I, Quality Assurance Unit Staff, Office of Environmental Measurement and Evaluation. July 1996, Revised December 1996.

EPA, 2020a. USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Methods Data Review. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. EPA-540-R-20-006. November 2020.

EPA, 2020b. USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. EPA 540-R-20-005. November 2020.

Attachment 1
Sample IDs, SDGs, Matrices, and Analyses

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
R7A-RT001-COMP-241008-00-0.2	JD98197-1	JD98197	Sediment	TS, GS, TOC, PCBs
R7A-RT002-COMP-241009-00-0.25	JD98197-2	JD98197	Sediment	TS, GS, TOC, PCBs
R7A-RT003-COMP-241009-00-0.3	JD98197-3	JD98197	Sediment	TS, GS, TOC, PCBs
R7A-RT003-COMP-BD0001	JD98197-4	JD98197	Sediment	TS, GS, TOC, PCBs
R7A-RT004-COMP-241010-00-0.5	JD98197-5	JD98197	Sediment	TS, GS, TOC, PCBs
R7A-ST001-COMP-241007-00-0.25	JD98197-6	JD98197	Sediment	TS, GS, TOC, PCBs
R7A-ST005-COMP-241008-00-0.42	JD98197-7	JD98197	Sediment	TS, GS, TOC, PCBs
R7A-ST006-COMP-241008-00-0.3	JD98197-8	JD98197	Sediment	TS, GS, TOC, PCBs
R7A-ST007-COMP-241008-00-0.3	JD98197-9	JD98197	Sediment	TS, GS, TOC, PCBs
R7A-ST009-COMP-241008-00-0.25	JD98197-10	JD98197	Sediment	TS, GS, TOC, PCBs
R7A-ST010-COMP-241009-00-0.3	JD98197-11	JD98197	Sediment	TS, GS, TOC, PCBs
R7A-ST011-COMP-241009-00-0.3	JD98197-12	JD98197	Sediment	TS, GS, TOC, PCBs
R7A-ST012-COMP-241009-00-0.3	JD98197-13	JD98197	Sediment	TS, GS, TOC, PCBs
R7A-ST014-COMP-241009-00-0.25	JD98197-14	JD98197	Sediment	TS, GS, TOC, PCBs
R7A-ST015-COMP-241010-00-0.3	JD98197-15	JD98197	Sediment	TS, GS, TOC, PCBs
R7A-ST016-COMP-241010-00-0.25	JD98197-16	JD98197	Sediment	TS, GS, TOC, PCBs
RB-2410181455	JD98695-1	JD98695	Water	TOC, PCBs
R7D-ST001-COMP-241018-00-0.33	JD98695-2	JD98695	Sediment	TS, GS, TOC, PCBs
R7D-ST002-COMP-241018-00-0.25	JD98695-3	JD98695	Sediment	TS, GS, TOC, PCBs
R7D-ST003-COMP-241018-00-0.33	JD98695-4	JD98695	Sediment	TS, GS, TOC, PCBs
R7F-RT001-COMP-241011-00-0.42	JD98695-5	JD98695	Sediment	TS, GS, TOC, PCBs
R7F-RT002-COMP-241011-00-0.5	JD98695-6	JD98695	Sediment	TS, GS, TOC, PCBs
R7F-RT003-COMP-241015-00-0.33	JD98695-7	JD98695	Sediment	TS, GS, TOC, PCBs

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
R7F-RT004-COMP-241015-00-0.33	JD98695-8	JD98695	Sediment	TS, GS, TOC, PCBs
R7F-ST001-COMP-241017-00-0.5	JD98695-9	JD98695	Sediment	TS, GS, TOC, PCBs
R7F-ST002-COMP-241017-00-0.25	JD98695-10	JD98695	Sediment	TS, GS, TOC, PCBs
R7F-ST003-COMP-241017-00-0.25	JD98695-11	JD98695	Sediment	TS, GS, TOC, PCBs
R7F-ST004-COMP-241011-00-0.25	JD98695-12	JD98695	Sediment	TS, GS, TOC, PCBs
R7F-ST005-COMP-241011-00-0.42	JD98695-13	JD98695	Sediment	TS, GS, TOC, PCBs
R7F-ST006-COMP-241011-00-0.42	JD98695-14	JD98695	Sediment	TS, GS, TOC, PCBs
R7F-ST007-COMP-241017-00-0.33	JD98695-15	JD98695	Sediment	TS, GS, TOC, PCBs
R7F-ST008-COMP-241011-00-0.5	JD98695-16	JD98695	Sediment	TS, GS, TOC, PCBs
R7F-ST009-COMP-241011-00-0.42	JD98695-17	JD98695	Sediment	TS, GS, TOC, PCBs
R7F-ST010-COMP-241015-00-0.33	JD98695-18	JD98695	Sediment	TS, GS, TOC, PCBs
R7F-ST011-COMP-241015-00-0.33	JD98695-19	JD98695	Sediment	TS, GS, TOC, PCBs
R7F-ST012-COMP-241015-00-0.33	JD98695-20	JD98695	Sediment	TS, GS, TOC, PCBs
R7F-ST012-COMP-BD0001	JD98695-21	JD98695	Sediment	TS, GS, TOC, PCBs
R7F-ST013-COMP-241015-00-0.25	JD98695-22	JD98695	Sediment	TS, GS, TOC, PCBs
R7F-ST014-COMP-241015-00-0.33	JD98695-23	JD98695	Sediment	TS, GS, TOC, PCBs
R7F-ST015-COMP-241017-00-0.5	JD98695-24	JD98695	Sediment	TS, GS, TOC, PCBs
R7H-RT002-COMP-241016-00-0.33	JD98695-25	JD98695	Sediment	TS, GS, TOC, PCBs
R7H-RT003-COMP-241016-00-0.33	JD98695-26	JD98695	Sediment	TS, GS, TOC, PCBs
R7H-ST006-COMP-241016-00-0.25	JD98695-27	JD98695	Sediment	TS, GS, TOC, PCBs
R7H-ST009-COMP-241016-00-0.25	JD98695-28	JD98695	Sediment	TS, GS, TOC, PCBs
R7H-ST011-COMP-241016-00-0.25	JD98695-29	JD98695	Sediment	TS, GS, TOC, PCBs
RB-2410211709	JD99165-1	JD99165	Water	TOC, PCBs
RB-2410251446	JD99165-2	JD99165	Water	TOC, PCBs

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
R7D-RT001-COMP-241021-00-0.25	JD99165-3	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-RT002-COMP-241022-00-0.33	JD99165-4	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-RT003-COMP-241022-00-0.25	JD99165-5	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-RT004-COMP-241023-00-0.25	JD99165-6	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-RT005-COMP-241023-00-0.25	JD99165-7	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-RT006-COMP-241023-00-0.33	JD99165-8	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-RT007-COMP-241024-00-0.33	JD99165-9	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-RT008-COMP-241024-00-0.33	JD99165-10	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST006-COMP-241021-00-0.25	JD99165-11	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST007-COMP-241021-00-0.33	JD99165-12	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST008-COMP-241021-00-0.25	JD99165-13	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST009-COMP-241022-00-0.33	JD99165-14	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST010-COMP-241022-00-0.25	JD99165-15	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST011-COMP-241022-00-0.33	JD99165-16	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST012-COMP-241022-00-0.25	JD99165-17	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST012-COMP-BD0001	JD99165-18	JD99165	Sediment	TS, TOC, PCBs
R7D-ST013-COMP-241022-00-0.25	JD99165-19	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST014-COMP-241022-00-0.33	JD99165-20	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST015-COMP-241023-00-0.33	JD99165-21	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST017-COMP-241023-00-0.25	JD99165-22	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST018-COMP-241023-00-0.33	JD99165-23	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST019-COMP-241023-00-0.33	JD99165-24	JD99165	Sediment	TS, GS, TOC, PCBs

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
R7D-ST020-COMP-241023-00-0.33	JD99165-25	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST021-COMP-241023-00-0.33	JD99165-26	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST022-COMP-241023-00-0.25	JD99165-27	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST023-COMP-241024-00-0.25	JD99165-28	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST023-COMP-BD0001	JD99165-29	JD99165	Sediment	TS, TOC, PCBs
R7D-ST024-COMP-241024-00-0.33	JD99165-30	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST025-COMP-241024-00-0.33	JD99165-31	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST026-COMP-241024-00-0.33	JD99165-32	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST027-COMP-241024-00-0.33	JD99165-33	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST028-COMP-241024-00-0.25	JD99165-34	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST029-COMP-241024-00-0.33	JD99165-35	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST030-COMP-241024-00-0.25	JD99165-36	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST031-COMP-241025-00-0.25	JD99165-37	JD99165	Sediment	TS, GS, TOC, PCBs
R7D-ST032-COMP-241025-00-0.25	JD99165-38	JD99165	Sediment	TS, GS, TOC, PCBs

1201 3rd Ave Suite 2600
Seattle, Washington 98101
206.287.9130

Data Validation Report – EPA Stage 2A

September 2, 2025

Project: GE Housatonic River Floodplain

Project Number: 190469-01.03

DVR Number: AQ-2025-0115

This report summarizes the review of analytical results for 49 sediment samples, 3 field duplicate samples, and 3 equipment rinsate blanks collected November through December 2024. The samples were collected by Anchor QEA and AECOM and submitted to SGS North America (SGS) in Dayton, New Jersey. Samples were analyzed for the following parameters:

- Polychlorinated biphenyl Aroclors (PCBs) by U.S. Environmental Protection Agency (EPA) method 8082A
- Total organic carbon (TOC) by method Lloyd Kahn and USEPA 9060A
- Total solids (TS) by Standard Method 2540G
- Grain size (GS) by ASTM International Method D422

Sample IDs, associated sample delivery groups (SDGs), matrices, and analyses are presented in Attachment 1. Three SDGs were reviewed in this report.

Data Validation and Qualifications

The following comments refer to the laboratory's performance in meeting the quality assurance/ quality control (QA/QC) guidelines outlined in the analytical procedures. Laboratory results were reviewed using the following guidelines:

- Field Sampling Plan/Quality Assurance Project Plan, Revision1 (Arcadis 2023)
- EPA Test Methods for Evaluating Solid Waste: Physical/Chemical Methods (SW-846, Third Edition; EPA1986)
- Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (EPA 1996)
- EPA National Functional Guidelines for Organic Superfund Methods Data Review (EPA 2020a)
- EPA National Functional Guidelines for Inorganic Superfund Methods Data Review (EPA 2020b)

Unless noted in this report, laboratory results for the samples listed above were within QC criteria.

Field Documentation

Field documentation was checked for completeness and accuracy. The chain-of-custody forms were signed by SGS at the time of sample receipt. Samples were received in good condition and within the recommended temperature range.

Sample Preservation and Holding Times

Samples were appropriately preserved and analyzed within the holding times with the exception of TOC. All sediment TOC results were analyzed outside of the 14-day holding time. TOC sediment results were qualified "J" to indicate they are estimated. Two of the equipment rinsate blanks were analyzed outside of the 28-day holding time. These results were qualified "UJ" to indicate they are estimated.

Laboratory Method Blanks

Laboratory method blanks were analyzed at the required frequencies and were free of target analytes.

Field Quality Control

Field Quality Control (QC) included rinsate blanks and field duplicates. Field QC samples were collected at the required frequency.

Equipment Rinsate Blanks

Three equipment rinsate blanks were collected in association with these sample sets. All rinsate blanks were analyzed for PCBs and TOC. All PCB and TOC results were below detection.

Field Duplicates

Three field duplicates were collected in association with these sample sets. Detected results are summarized in Table 1. Field duplicate relative percent difference (RPD) values were assessed by the 50% RPD according to the QAPP. Results that were less than five times the method reporting limit (MRL) were assessed by the difference between them using ± 2 x MRL as the control limit. Parent sample and duplicate results associated with RPD or difference values above control limits have been qualified "J" to indicate they are estimated.

Table 1
Field Duplicate Summary

Analyte	R10-ST003-COMP-241113-00-0.25	R10-ST003-COMP-BD0001	RPD	Difference	Difference CL
Aroclor 1254	27.0 µg/kg	12.1 µg/kg	--	14.9 µg/kg	62 µg/kg

Analyte	R10-ST003-COMP-241113-00-0.25	R10-ST003-COMP-BD0001	RPD	Difference	Difference CL
Aroclor 1260	105 µg/kg	46.7 µg/kg	--	58.3 µg/kg	62 µg/kg
TOC	18700 mg/kg	39000 mg/kg	70%	--	--
Total solids	62.8%	73.3%	15%	--	--

Analyte	R14-ST004-COMP-241119-00-0.5	R14-ST004-COMP-BD0001	RPD	Difference	Difference CL
Aroclor 1260	92.4 µg/kg	61.7 µg/kg	--	30.7 µg/kg	98 µg/kg
TOC	29000 mg/kg	17900 mg/kg	47%	--	--
Total solids	39.3%	54.1%	32%	--	--

Analyte	R9-RT003-COMP-241112-00-0.33	R9-RT003-COMP-BD0001	RPD	Difference	Difference CL
Aroclor 1254	14.1 µg/kg	16.1 µg/kg	--	2 µg/kg	50 µg/kg
Aroclor 1260	66.5 µg/kg	70.9 µg/kg	--	4.4 µg/kg	50 µg/kg
TOC	2570 mg/kg	2430 mg/kg	6%	--	--
Total solids	80.5%	79.6%	1%	--	--

Notes:
CL: Control Limit
µg/kg: microgram per kilogram
mg/kg: milligram per kilogram

Surrogate Spike Recoveries

Due to the inability to accurately quantify surrogates when a sample was analyzed at a dilution of 5x or greater, no data were qualified when surrogate recoveries were outside of control limits. When surrogate recoveries were outside of the control limits in one column, but results were reported from the other column; no data were qualified. Surrogates recovered outside of control limits in some laboratory QC samples, however; data are not qualified for surrogate outliers in QC samples alone or when outlying surrogates are associated with the non-reporting column. Surrogates recovered within project-required control limits with the following exceptions. Tetrachloro-m-xylene (TMX) and decachlorobiphenyl (DCB) recovered below the control limit for samples RB-2411121500, RB-2411141200, and RB-2411271103. The sample results were qualified “UJ” to indicate a potential low bias.

Column Confirmation Results

Second column confirmation results were within method requirements (40% RPD) for detected results.

Laboratory Control Samples and Laboratory Control Sample Duplicates

Laboratory control samples (LCS) and laboratory control sample duplicates (LCSD) were analyzed at the required frequency. No data were qualified when the LCS or LCSD recoveries were above the control limits and sample concentrations were not detected. No data were qualified when the surrogate recoveries were above the control limits and sample concentrations were not detected LCS and LCSD recoveries and/or RPD values within project-required control limits with the following exceptions. The RPD between the LCS and LCSD recovered above the project-required control limit for Aroclor 1260 in batch OP60154. Associated batch sample results were not detected, so no qualifications were necessary.

Matrix Spike and Matrix Spike Duplicate Samples

Matrix spike (MS) and matrix spike duplicate (MSD) samples were analyzed at the required frequencies or MSDs were analyzed in place of laboratory duplicates. MS/MSD results reported for non-project samples were not evaluated. No data were qualified when native sample concentrations were greater than four times spike concentrations. No data were qualified when the recoveries and/or the RPD values were above the control limits and sample concentrations were not detected. Recoveries and/or RPD values were within project-required control limits with the following exceptions. Aroclor 1254 recovered below the control limit in the MS and MSD analyzed on sample R15-ST005-COMP-241202-00-0.5. The Aroclor 1254 sample result was qualified "J' to indicate a potential low bias. Aroclor 1260 recovered above the control limit in the MSD analyzed on sample R14-RT003-COMP-241119-00-0.5. Detected sample results have been qualified "J" to indicate a potential high bias.

Laboratory Duplicates

Laboratory duplicates were analyzed at the required frequency for total solids and grain size analyses and RPD values were within project-required control limits.

Method Reporting Limits

MRLs were acceptable as reported. All values were reported using the laboratory reporting limits. Values were reported as undiluted or when diluted, the reporting limit reflects the dilution factor.

Overall Assessment

As was determined by this evaluation, the laboratory followed the specified analytical methods and all requested sample analyses were completed. Accuracy was acceptable as demonstrated by the surrogate, LCS/LCSD, and MS/MSD recovery values, with the exceptions noted above. Precision was acceptable as demonstrated by the LCS/LCSD, MS/MSD, and laboratory and field duplicate RPD or difference values, with the exceptions noted above. All data are acceptable as reported or qualified.

Completeness was 100%; completeness goals were met. Table 2 summarizes the qualifiers applied to the sample results reviewed in this report.

Data Qualifier Definitions

U Indicates the compound or analyte was analyzed for but not detected at or above the specified limit.

J Indicates an estimated value.

UJ Indicates the compound or analyte was analyzed for but not detected and the specified limit reported is estimated.

Table 2
Data Qualification Summary

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
R7A-RT004-COMP-241010-00-0.5	Conventionals	TOC	12100 mg/kg	12100J mg/kg	Holding time exceedance
R10-RT001-COMP-241113-00-0.33	Conventionals	TOC	11100 mg/kg	11100J mg/kg	Holding Time Exceedance
R10-RT002-COMP-241114-00-0.33	Conventionals	TOC	10200 mg/kg	10200J mg/kg	Holding Time Exceedance
R10-RT003-COMP-241114-00-0.33	Conventionals	TOC	2610 mg/kg	2610J mg/kg	Holding Time Exceedance
R10-ST001-COMP-241113-00-0.25	Conventionals	TOC	2970 mg/kg	2970J mg/kg	Holding Time Exceedance
R10-ST002-COMP-241113-00-0.25	Conventionals	TOC	5390 mg/kg	5390J mg/kg	Holding Time Exceedance
R10-ST003-COMP-241113-00-0.25	Conventionals	TOC	18700 mg/kg	18700J mg/kg	Holding Time Exceedance; FD RPD above CL
R10-ST003-COMP-BD0001	Conventionals	TOC	39000 mg/kg	39000J mg/kg	Holding Time Exceedance; FD RPD above CL
R10-ST004-COMP-241114-00-0.25	Conventionals	TOC	1870 mg/kg	1870J mg/kg	Holding Time Exceedance
R10-ST005-COMP-241114-00-0.33	Conventionals	TOC	12800 mg/kg	12800J mg/kg	Holding Time Exceedance
R10-ST006-COMP-241114-00-0.25	Conventionals	TOC	2230 mg/kg	2230J mg/kg	Holding Time Exceedance
R10-ST007-COMP-241114-00-0.33	Conventionals	TOC	7480 mg/kg	7480J mg/kg	Holding Time Exceedance
R10-ST008-COMP-241114-00-0.33	Conventionals	TOC	3730 mg/kg	3730J mg/kg	Holding Time Exceedance

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
R10-ST009-COMP-241114-00-0.33	Conventionals	TOC	3390 mg/kg	3390J mg/kg	Holding Time Exceedance
R10-ST010-COMP-241114-00-0.33	Conventionals	TOC	6770 mg/kg	6770J mg/kg	Holding Time Exceedance
R10-ST011-COMP-241114-00-0.33	Conventionals	TOC	4480 mg/kg	4480J mg/kg	Holding Time Exceedance
R10-ST012-COMP-241114-00-0.33	Conventionals	TOC	23200 mg/kg	23200J mg/kg	Holding Time Exceedance
R14-RT003-COMP-241119-00-0.5	Conventionals	TOC	40600 mg/kg	40600J mg/kg	Holding Time Exceedance
	PCBs	Aroclor 1260	95.7 µg/kg	95.7J µg/kg	MSD %R above CL
R14-RT004-COMP-241122-00-0.5	Conventionals	TOC	46000 mg/kg	46000J mg/kg	Holding Time Exceedance
R14-ST001-COMP-241119-00-0.33	Conventionals	TOC	25900 mg/kg	25900J mg/kg	Holding Time Exceedance
R14-ST002-COMP-241119-00-0.33	Conventionals	TOC	14100 mg/kg	14100J mg/kg	Holding Time Exceedance
R14-ST004-COMP-241119-00-0.5	Conventionals	TOC	29000 mg/kg	29000J mg/kg	Holding Time Exceedance
R14-ST004-COMP-BD0001	Conventionals	TOC	17900 mg/kg	17900J mg/kg	Holding Time Exceedance
R14-ST005-COMP-241120-00-0.33	Conventionals	TOC	26700 mg/kg	26700J mg/kg	Holding Time Exceedance
R14-ST006-COMP-241121-00-0.5	Conventionals	TOC	47200 mg/kg	47200J mg/kg	Holding Time Exceedance
R14-ST007-COMP-241121-00-0.5	Conventionals	TOC	35000 mg/kg	35000J mg/kg	Holding Time Exceedance
R14-ST008-COMP-241121-00-0.5	Conventionals	TOC	54100 mg/kg	54100J mg/kg	Holding Time Exceedance
R15-RT001-COMP-241203-00-0.42	Conventionals	TOC	21300 mg/kg	21300J mg/kg	Holding Time Exceedance
R15-RT002-COMP-241203-00-0.5	Conventionals	TOC	7650 mg/kg	7650J mg/kg	Holding Time Exceedance
R15-ST001-COMP-241122-00-0.33	Conventionals	TOC	2330 mg/kg	2330J mg/kg	Holding Time Exceedance
R15-ST002-COMP-241203-00-0.42	Conventionals	TOC	21500 mg/kg	21500J mg/kg	Holding Time Exceedance
R15-ST003-COMP-241122-00-0.33	Conventionals	TOC	2860 mg/kg	2860J mg/kg	Holding Time Exceedance
R15-ST004-COMP-241122-00-0.5	Conventionals	TOC	11400 mg/kg	11400J mg/kg	Holding Time Exceedance
R15-ST005-COMP-241202-00-0.5	Conventionals	TOC	28100 mg/kg	28100J mg/kg	Holding Time Exceedance

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
	PCBs	Aroclor 1254	14.4J µg/kg	14.4J µg/kg	MS/MSD %R below CL
R15-ST006-COMP-241202-00-0.5	Conventionals	TOC	32300 mg/kg	32300J mg/kg	Holding Time Exceedance
R15-ST007-COMP-241203-00-0.5	Conventionals	TOC	39000 mg/kg	39000J mg/kg	Holding Time Exceedance
R15-ST008-COMP-241203-00-0.5	Conventionals	TOC	47400 mg/kg	47400J mg/kg	Holding Time Exceedance
R9-RT002-COMP-241111-00-0.25	Conventionals	TOC	1470 mg/kg	1470J mg/kg	Holding Time Exceedance
R9-RT003-COMP-241112-00-0.33	Conventionals	TOC	2570 mg/kg	2570J mg/kg	Holding Time Exceedance
R9-RT003-COMP-BD0001	Conventionals	TOC	2430 mg/kg	2430J mg/kg	Holding Time Exceedance
R9-RT004-COMP-241112-00-0.33	Conventionals	TOC	16800 mg/kg	16800J mg/kg	Holding Time Exceedance
R9-ST005-COMP-241111-00-0.25	Conventionals	TOC	2280 mg/kg	2280J mg/kg	Holding Time Exceedance
R9-ST006-COMP-241111-00-0.25	Conventionals	TOC	1840 mg/kg	1840J mg/kg	Holding Time Exceedance
R9-ST007-COMP-241111-00-0.25	Conventionals	TOC	1280 mg/kg	1280J mg/kg	Holding Time Exceedance
R9-ST008-COMP-241111-00-0.25	Conventionals	TOC	1120 mg/kg	1120J mg/kg	Holding Time Exceedance
R9-ST009-COMP-241112-00-0.25	Conventionals	TOC	1770 mg/kg	1770J mg/kg	Holding Time Exceedance
R9-ST010-COMP-241112-00-0.33	Conventionals	TOC	1180 mg/kg	1180J mg/kg	Holding Time Exceedance
R9-ST011-COMP-241112-00-0.33	Conventionals	TOC	1200 mg/kg	1200J mg/kg	Holding Time Exceedance
R9-ST012-COMP-241112-00-0.33	Conventionals	TOC	1230 mg/kg	1230J mg/kg	Holding Time Exceedance
R9-ST013-COMP-241112-00-0.33	Conventionals	TOC	5910 mg/kg	5910J mg/kg	Holding Time Exceedance
R9-ST014-COMP-241113-00-0.33	Conventionals	TOC	3310 mg/kg	3310J mg/kg	Holding Time Exceedance
R9-ST015-COMP-241113-00-0.33	Conventionals	TOC	5550 mg/kg	5550J mg/kg	Holding Time Exceedance
R9-ST016-COMP-241113-00-0.33	Conventionals	TOC	5940 mg/kg	5940J mg/kg	Holding Time Exceedance
RB-2411121500	Conventionals	TOC	1.0U mg/L	1.0UJ mg/L	Holding Time Exceedance
	PCBs	Aroclor 1016	1.8U µg/L	1.8UJ µg/L	Surrogate %R below CL
		Aroclor 1221	1.8U µg/L	1.8UJ µg/L	

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
		Aroclor 1232	1.8U µg/L	1.8UJ µg/L	
		Aroclor 1242	1.8U µg/L	1.8UJ µg/L	
		Aroclor 1248	1.8U µg/L	1.8UJ µg/L	
		Aroclor 1254	1.8U µg/L	1.8UJ µg/L	
		Aroclor 1260	1.8U µg/L	1.8UJ µg/L	
RB-2411141200	PCBs	Aroclor 1016	1.8U µg/L	1.8UJ µg/L	Surrogate %R below CL
		Aroclor 1221	1.8U µg/L	1.8UJ µg/L	
		Aroclor 1232	1.8U µg/L	1.8UJ µg/L	
		Aroclor 1242	1.8U µg/L	1.8UJ µg/L	
		Aroclor 1248	1.8U µg/L	1.8UJ µg/L	
		Aroclor 1254	1.8U µg/L	1.8UJ µg/L	
		Aroclor 1260	1.8U µg/L	1.8UJ µg/L	
RB-2411271103	Conventionals	TOC	1.0U mg/L	1.0UJ mg/L	Holding Time Exceedance
	PCBs	Aroclor 1016	1.8U µg/L	1.8UJ µg/L	Surrogate %R below CL
		Aroclor 1221	1.8U µg/L	1.8UJ µg/L	
		Aroclor 1232	1.8U µg/L	1.8UJ µg/L	
		Aroclor 1242	1.8U µg/L	1.8UJ µg/L	
		Aroclor 1248	1.8U µg/L	1.8UJ µg/L	
		Aroclor 1254	1.8U µg/L	1.8UJ µg/L	
		Aroclor 1260	1.8U µg/L	1.8UJ µg/L	

References

Arcadis, 2023. *Field Sampling Plan/Quality Assurance Project Plan, Revision 1*. Prepared for General Electric Company, Pittsfield, Massachusetts. December 2023.

EPA (U.S. Environmental Protection Agency),1986. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods*. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. EPA-530/SW-846.

EPA, 1996. *Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses*. USEPA-New England, Region I, Quality Assurance Unit Staff, Office of Environmental Measurement and Evaluation. July 1996, Revised December 1996.

EPA, 2020a. USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Methods Data Review. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. EPA-540-R-20-006. November 2020.

EPA, 2020b. USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. EPA 540-R-20-005. November 2020.

Attachment 1
Sample IDs, SDGs, Matrices, and Analyses

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
RB-2411121500	JE1557-1	JE1557	Water	PCBs, TOC
RB-2411141200	JE1557-2	JE1557	Water	PCBs, TOC
R10-RT001-COMP-241113-00-0.33	JE1557-3	JE1557	Sediment	TS, GS, PCBs, TOC
R10-RT002-COMP-241114-00-0.33	JE1557-4	JE1557	Sediment	TS, GS, PCBs, TOC
R10-RT003-COMP-241114-00-0.33	JE1557-5	JE1557	Sediment	TS, GS, PCBs, TOC
R10-ST001-COMP-241113-00-0.25	JE1557-6	JE1557	Sediment	TS, GS, PCBs, TOC
R10-ST002-COMP-241113-00-0.25	JE1557-7	JE1557	Sediment	TS, GS, PCBs, TOC
R10-ST003-COMP-241113-00-0.25	JE1557-8	JE1557	Sediment	TS, GS, PCBs, TOC
R10-ST003-COMP-BD0001	JE1557-9	JE1557	Sediment	TS, PCBs, TOC
R10-ST004-COMP-241114-00-0.25	JE1557-10	JE1557	Sediment	TS, GS, PCBs, TOC
R10-ST005-COMP-241114-00-0.33	JE1557-11	JE1557	Sediment	TS, GS, PCBs, TOC
R10-ST006-COMP-241114-00-0.25	JE1557-12	JE1557	Sediment	TS, GS, PCBs, TOC
R10-ST007-COMP-241114-00-0.33	JE1557-13	JE1557	Sediment	TS, GS, PCBs, TOC
R10-ST008-COMP-241114-00-0.33	JE1557-14	JE1557	Sediment	TS, GS, PCBs, TOC
R10-ST009-COMP-241114-00-0.33	JE1557-15	JE1557	Sediment	TS, GS, PCBs, TOC
R10-ST010-COMP-241114-00-0.33	JE1557-16	JE1557	Sediment	TS, GS, PCBs, TOC
R10-ST011-COMP-241114-00-0.33	JE1557-17	JE1557	Sediment	TS, GS, PCBs, TOC
R10-ST012-COMP-241114-00-0.33	JE1557-18	JE1557	Sediment	TS, GS, PCBs, TOC
R9-RT002-COMP-241111-00-0.25	JE1557-19	JE1557	Sediment	TS, GS, PCBs, TOC
R9-RT003-COMP-241112-00-0.33	JE1557-20	JE1557	Sediment	TS, GS, PCBs, TOC
R9-RT003-COMP-BD0001	JE1557-21	JE1557	Sediment	TS, PCBs, TOC
R9-RT004-COMP-241112-00-0.33	JE1557-22	JE1557	Sediment	TS, GS, PCBs, TOC
R9-ST005-COMP-241111-00-0.25	JE1557-23	JE1557	Sediment	TS, GS, PCBs, TOC

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
R9-ST006-COMP-241111-00-0.25	JE1557-24	JE1557	Sediment	TS, GS, PCBs, TOC
R9-ST007-COMP-241111-00-0.25	JE1557-25	JE1557	Sediment	TS, GS, PCBs, TOC
R9-ST008-COMP-241111-00-0.25	JE1557-26	JE1557	Sediment	TS, GS, PCBs, TOC
R9-ST009-COMP-241112-00-0.25	JE1557-27	JE1557	Sediment	TS, GS, PCBs, TOC
R9-ST010-COMP-241112-00-0.33	JE1557-28	JE1557	Sediment	TS, GS, PCBs, TOC
R9-ST011-COMP-241112-00-0.33	JE1557-29	JE1557	Sediment	TS, GS, PCBs, TOC
R9-ST012-COMP-241112-00-0.33	JE1557-30	JE1557	Sediment	TS, GS, PCBs, TOC
R9-ST013-COMP-241112-00-0.33	JE1557-31	JE1557	Sediment	TS, GS, PCBs, TOC
R9-ST014-COMP-241113-00-0.33	JE1557-32	JE1557	Sediment	TS, GS, PCBs, TOC
R9-ST015-COMP-241113-00-0.33	JE1557-33	JE1557	Sediment	TS, GS, PCBs, TOC
R9-ST016-COMP-241113-00-0.33	JE1557-34	JE1557	Sediment	TS, GS, PCBs, TOC
RB-2411271103	JE1931-1	JE1931	Water	PCBs, TOC
R14-RT003-COMP-241119-00-0.5	JE1931-2	JE1931	Sediment	TS, GS, PCBs, TOC
R14-RT004-COMP-241122-00-0.5	JE1931-3	JE1931	Sediment	TS, GS, PCBs, TOC
R14-ST001-COMP-241119-00-0.33	JE1931-4	JE1931	Sediment	TS, GS, PCBs, TOC
R14-ST002-COMP-241119-00-0.33	JE1931-5	JE1931	Sediment	TS, GS, PCBs, TOC
R14-ST004-COMP-241119-00-0.5	JE1931-6	JE1931	Sediment	TS, GS, PCBs, TOC
R14-ST004-COMP-BD0001	JE1931-7	JE1931	Sediment	TS, PCBs, TOC
R14-ST005-COMP-241120-00-0.33	JE1931-8	JE1931	Sediment	TS, GS, PCBs, TOC
R14-ST006-COMP-241121-00-0.5	JE1931-9	JE1931	Sediment	TS, GS, PCBs, TOC
R14-ST007-COMP-241121-00-0.5	JE1931-10	JE1931	Sediment	TS, GS, PCBs, TOC
R14-ST008-COMP-241121-00-0.5	JE1931-11	JE1931	Sediment	TS, GS, PCBs, TOC
R15-ST001-COMP-241122-00-0.33	JE1931-12	JE1931	Sediment	TS, GS, PCBs, TOC

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
R15-ST003-COMP-241122-00-0.33	JE1931-13	JE1931	Sediment	TS, GS, PCBs, TOC
R15-ST004-COMP-241122-00-0.5	JE1931-14	JE1931	Sediment	TS, GS, PCBs, TOC
R15-RT001-COMP-241203-00-0.42	JE2932-1	JE2932	Sediment	TS, GS, PCBs, TOC
R15-RT002-COMP-241203-00-0.5	JE2932-2	JE2932	Sediment	TS, GS, PCBs, TOC
R15-ST002-COMP-241203-00-0.42	JE2932-3	JE2932	Sediment	TS, GS, PCBs, TOC
R15-ST005-COMP-241202-00-0.5	JE2932-4	JE2932	Sediment	TS, GS, PCBs, TOC
R15-ST006-COMP-241202-00-0.5	JE2932-5	JE2932	Sediment	TS, GS, PCBs, TOC
R15-ST007-COMP-241203-00-0.5	JE2932-6	JE2932	Sediment	TS, GS, PCBs, TOC
R15-ST008-COMP-241203-00-0.5	JE2932-7	JE2932	Sediment	TS, GS, PCBs, TOC

1201 3rd Ave Suite 2600
Seattle, Washington 98101
206.287.9130

Data Validation Report – EPA Stage 2A

September 2, 2025

Project:	GE Housatonic River Floodplain
Project Number:	190469-01.03
DVR Number:	AQ-2025-0116

This report summarizes the review of analytical results for 59 sediment samples, 3 field duplicate samples, and 4 equipment rinsate blanks collected October through December 2024. The samples were collected by Anchor QEA and AECOM and submitted to SGS North America (SGS) in Dayton, New Jersey. Samples were analyzed for the following parameters:

- Polychlorinated biphenyl Aroclors (PCBs) by U.S. Environmental Protection Agency (EPA) method 8082A
- Total organic carbon (TOC) by method Lloyd Kahn and USEPA 9060A
- Total solids (TS) by Standard Method 2540G
- Grain size (GS) by ASTM International Method D422

Sample IDs, associated sample delivery groups (SDGs), matrices, and analyses are presented in Attachment 1. Four SDGs were reviewed in this report.

Data Validation and Qualifications

The following comments refer to the laboratory's performance in meeting the quality assurance/ quality control (QA/QC) guidelines outlined in the analytical procedures. Laboratory results were reviewed using the following guidelines:

- Field Sampling Plan/Quality Assurance Project Plan, Revision1 (Arcadis 2023)
- EPA Test Methods for Evaluating Solid Waste: Physical/Chemical Methods (SW-846, Third Edition; EPA1986)
- Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (EPA 1996)
- EPA National Functional Guidelines for Organic Superfund Methods Data Review (EPA 2020a)
- EPA National Functional Guidelines for Inorganic Superfund Methods Data Review (EPA 2020b)

Unless noted in this report, laboratory results for the samples listed above were within QC criteria.

Field Documentation

Field documentation was checked for completeness and accuracy. The chain-of-custody forms were signed by SGS at the time of sample receipt with the exception of SDG JE3356 where only the first

page of the COC was signed. Samples were received in good condition and within the recommended temperature range with the following exception.

The lab noted that the container for PCBs for sample RB-2412201300 was not received.

The lab noted that the container for PCBs, TOC, and TS was broken upon receipt for SDG JE515 sample R12-ST005-COMP-241030-00-0.17. The sample was able to be salvaged but may have been contaminated with the water in the cooler and glass. The PCBs results were qualified "J" and "UJ" as estimated.

Sample Preservation and Holding Times

Samples were appropriately preserved and analyzed within the holding times with the exception of TOC. Fifty-two sediment TOC results (all TOC sediment results in SDGs JE3356, JE512, and JE515) were analyzed outside of the 14-day holding time. These TOC sediment results were qualified "J" to indicate they are estimated.

Laboratory Method Blanks

Laboratory method blanks were analyzed at the required frequencies and were free of target analytes.

Field Quality Control

Field Quality Control (QC) included rinsate blanks and field duplicates. Field QC samples were collected at the required frequency.

Equipment Rinsate Blanks

Four equipment rinsate blanks were collected in association with these sample sets. Three rinsate blanks were analyzed for PCBs and all four rinsate blanks were analyzed for TOC. All PCB and TOC results were below detection. The PCBs container for rinsate blank RB-2412201300 associated with SDG JE3385 was not received at SGS. It should be noted that all PCB results for the samples in SDG JE3385 were not detected.

Field Duplicates

Three field duplicates were collected in association with these sample sets. Detected results are summarized in Table 1. Field duplicate relative percent difference (RPD) values were assessed by the 50% RPD according to the QAPP. Results that were less than five times the method reporting limit (MRL) were assessed by the difference between them using ± 2 x MRL as the control limit. Parent sample and duplicate results associated with RPD or difference values above control limits have been qualified "J" to indicate they are estimated.

Table 1
Field Duplicate Summary

Analyte	R12-RT001-COMP-241031-00-0.17	R12-RT001-COMP-BD0001	RPD	Difference	Difference CL
TOC	1040 mg/kg	1450 mg/kg	33%	--	--
Total solids	81.9%	83.3%	2%	--	--

Analyte	R13-RT002-COMP-241106-00-0.25	R13-RT002-COMP-BD0001	RPD	Difference	Difference CL
Aroclor 1260	11.5 µg/kg	10.3 µg/kg	--	1.2 µg/kg	54 µg/kg
TOC	3700 mg/kg	5750 mg/kg	43%	--	--
Total solids	74.6%	75.3%	1%	--	--

Analyte	R16-ST008-COMP-241219-00-0.25	R16-ST008-COMP-BD0001	RPD	Difference	Difference CL
TOC	4840 mg/kg	2250 mg/kg	73%	--	--
Total solids	75.3%	80.6%	7%	--	--

Notes:
CL: Control Limit
µg/kg: microgram per kilogram
mg/kg: milligram per kilogram

Surrogate Spike Recoveries

Due to the inability to accurately quantify surrogates when a sample was analyzed at a dilution of 5x or greater, no data were qualified when surrogate recoveries were outside of control limits. When surrogate recoveries were outside of the control limits in one column, but results were reported from the other column; no data were qualified. Surrogates recovered outside of control limits in some laboratory QC samples, however; data are not qualified for surrogate outliers in QC samples alone or when outlying surrogates are associated with the non-reporting column. Surrogates recovered within project-required control limits with the following exceptions. Decachlorobiphenyl (DCB) recovered above the control limit for 10 sediment samples in SDG JE3385. All PCB results were not detected and were not affected by the potential high bias. No qualifications were necessary.

Column Confirmation Results

Second column confirmation results were within method requirements (40% RPD) for detected results.

Laboratory Control Samples and Laboratory Control Sample Duplicates

Laboratory control samples (LCS) and laboratory control sample duplicates (LCSD) were analyzed at the required frequency. No data were qualified when the LCS or LCSD recoveries were above the control limits and sample concentrations were not detected. No data were qualified when the surrogate recoveries were above the control limits and sample concentrations were not detected LCS and LCSD recoveries and/or RPD values within project-required control limits.

Matrix Spike and Matrix Spike Duplicate Samples

Matrix spike (MS) and matrix spike duplicate (MSD) samples were analyzed at the required frequencies or MSDs were analyzed in place of laboratory duplicates. MS/MSD results reported for non-project samples were not evaluated. No data were qualified when native sample concentrations were greater than four times spike concentrations. No data were qualified when the recoveries and/or the RPD values were above the control limits and sample concentrations were not detected. Recoveries and/or RPD values were within project-required control limits with the following exceptions. Aroclor 1254 recovered below the control limit in the MS and MSD in batch OP60580. The associated sample was qualified in another validation report. No samples from this validation were qualified.

Laboratory Duplicates

Laboratory duplicates were analyzed at the required frequency for total solids and grain size analyses and RPD values were within project-required control limits with the following exceptions. The RPD was above the laboratory-defined control limit for gravel on sample R12-ST004-COMP-241031-00-0.33. The sample result was qualified "J" to indicate it is estimated.

Method Reporting Limits

MRLs were acceptable as reported. All values were reported using the laboratory reporting limits. Values were reported as undiluted or when diluted, the reporting limit reflects the dilution factor.

Overall Assessment

As was determined by this evaluation, the laboratory followed the specified analytical methods and all requested sample analyses were completed. Accuracy was acceptable as demonstrated by the surrogate, LCS/LCSD, and MS/MSD recovery values, with the exceptions noted above. Precision was acceptable as demonstrated by the LCS/LCSD, MS/MSD, and laboratory and field duplicate RPD or difference values, with the exceptions noted above. All data are acceptable as reported or qualified. Completeness was 100%; completeness goals were met. Table 2 summarizes the qualifiers applied to the sample results reviewed in this report.

Data Qualifier Definitions

U Indicates the compound or analyte was analyzed for but not detected at or above the specified limit.

J Indicates an estimated value.

UJ Indicates the compound or analyte was analyzed for but not detected and the specified limit reported is estimated.

Table 2
Data Qualification Summary

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
R11-RT001-COMP-241028-00-0.25	Conventionals	TOC	3610 mg/kg	3610J mg/kg	Holding time exceedance
R11-RT002-COMP-241029-00-0.33	Conventionals	TOC	1620 mg/kg	1620J mg/kg	Holding time exceedance
R11-RT003-COMP-241030-00-0.25	Conventionals	TOC	1090 mg/kg	1090J mg/kg	Holding time exceedance
R11-ST001-COMP-241028-00-0.17	Conventionals	TOC	2020 mg/kg	2020J mg/kg	Holding time exceedance
R11-ST002-COMP-241028-00-0.25	Conventionals	TOC	1320 mg/kg	1320J mg/kg	Holding time exceedance
R11-ST003-COMP-241028-00-0.5	Conventionals	TOC	373 mg/kg	373J mg/kg	Holding time exceedance
R11-ST004-COMP-241028-00-0.25	Conventionals	TOC	802 mg/kg	802J mg/kg	Holding time exceedance
R11-ST005-COMP-241029-00-0.25	Conventionals	TOC	2100 mg/kg	2100J mg/kg	Holding time exceedance
R11-ST006-COMP-241029-00-0.25	Conventionals	TOC	1420 mg/kg	1420J mg/kg	Holding time exceedance
R11-ST007-COMP-241029-00-0.25	Conventionals	TOC	2080 mg/kg	2080J mg/kg	Holding time exceedance
R11-ST008-COMP-241029-00-0.33	Conventionals	TOC	1550 mg/kg	1550J mg/kg	Holding time exceedance
R11-ST009-COMP-241029-00-0.25	Conventionals	TOC	1270 mg/kg	1270J mg/kg	Holding time exceedance
R11-ST010-COMP-241029-00-0.17	Conventionals	TOC	1020 mg/kg	1020J mg/kg	Holding time exceedance
R11-ST011-COMP-241030-00-0.25	Conventionals	TOC	782 mg/kg	782J mg/kg	Holding time exceedance
R11-ST012-COMP-241030-00-0.25	Conventionals	TOC	1380 mg/kg	1380J mg/kg	Holding time exceedance
R12-RT001-COMP-241031-00-0.17	Conventionals	TOC	1040 mg/kg	1040J mg/kg	Holding time exceedance

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
R12-RT001-COMP-BD0001	Conventionals	TOC	1450 mg/kg	1450J mg/kg	Holding time exceedance
R12-RT002-COMP-241031-00-0.25	Conventionals	TOC	1800 mg/kg	1800J mg/kg	Holding time exceedance
R12-ST001-COMP-241031-00-0.25	Conventionals	TOC	3050 mg/kg	3050J mg/kg	Holding time exceedance
R12-ST002-COMP-241031-00-0.17	Conventionals	TOC	1710 mg/kg	1710J mg/kg	Holding time exceedance
R12-ST003-COMP-241031-00-0.17	Conventionals	TOC	1840 mg/kg	1840J mg/kg	Holding time exceedance
R12-ST004-COMP-241031-00-0.33	Conventionals	TOC	4560 mg/kg	4560J mg/kg	Holding time exceedance
		Gravel	2.1%	2.1J%	LD RPD above CL
R12-ST005-COMP-241030-00-0.17	Conventionals	Total solids	30.3%	30.3J%	Broken container upon receipt
		TOC	6640 mg/kg	6640J mg/kg	Holding time exceedance; Broken container upon receipt
	PCBs	Aroclor 1016	66U µg/kg	66UJ µg/kg	Broken container upon receipt
		Aroclor 1221	66U µg/kg	66UJ µg/kg	
		Aroclor 1232	66U µg/kg	66UJ µg/kg	
		Aroclor 1242	66U µg/kg	66UJ µg/kg	
		Aroclor 1248	66U µg/kg	66UJ µg/kg	
		Aroclor 1254	66U µg/kg	66UJ µg/kg	
		Aroclor 1260	24.3J µg/kg	24.3J µg/kg	
R12-ST006-COMP-241031-00-0.25	Conventionals	TOC	1630 mg/kg	1630J mg/kg	Holding time exceedance
R12-ST007-COMP-241101-00-0.25	Conventionals	TOC	1920 mg/kg	1920J mg/kg	Holding time exceedance
R12-ST008-COMP-241101-00-0.33	Conventionals	TOC	9130 mg/kg	9130J mg/kg	Holding time exceedance
R13-RT001-COMP-241105-00-0.25	Conventionals	TOC	1660 mg/kg	1660J mg/kg	Holding time exceedance
R13-RT002-COMP-241106-00-0.25	Conventionals	TOC	3700 mg/kg	3700J mg/kg	Holding time exceedance
R13-RT002-COMP-BD0001	Conventionals	TOC	5750 mg/kg	5750J mg/kg	Holding time exceedance
R13-ST001-COMP-241107-00-0.25	Conventionals	TOC	1110 mg/kg	1110J mg/kg	Holding time exceedance
R13-ST002-COMP-241105-00-0.25	Conventionals	TOC	1440 mg/kg	1440J mg/kg	Holding time exceedance

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
R13-ST003-COMP-241105-00-0.25	Conventionals	TOC	3490 mg/kg	3490J mg/kg	Holding time exceedance
R13-ST004-COMP-241105-00-0.25	Conventionals	TOC	1420 mg/kg	1420J mg/kg	Holding time exceedance
R13-ST005-COMP-241106-00-0.25	Conventionals	TOC	4160 mg/kg	4160J mg/kg	Holding time exceedance
R13-ST006-COMP-241106-00-0.25	Conventionals	TOC	8060 mg/kg	8060J mg/kg	Holding time exceedance
R13-ST008-COMP-241106-00-0.25	Conventionals	TOC	5990 mg/kg	5990J mg/kg	Holding time exceedance
R14-RT001-COMP-241210-00-0.5	Conventionals	TOC	33300 mg/kg	33300J mg/kg	Holding time exceedance
R14-RT002-COMP-241210-00-0.5	Conventionals	TOC	43200 mg/kg	43200J mg/kg	Holding time exceedance
R14-ST003-COMP-241210-00-0.5	Conventionals	TOC	41600 mg/kg	41600J mg/kg	Holding time exceedance
R14-ST009-COMP-241210-00-0.5	Conventionals	TOC	57300 mg/kg	57300J mg/kg	Holding time exceedance
R14-ST010-COMP-241210-00-0.5	Conventionals	TOC	39600 mg/kg	39600J mg/kg	Holding time exceedance
R14-ST011-COMP-241211-00-0.5	Conventionals	TOC	41000 mg/kg	41000J mg/kg	Holding time exceedance
R14-ST012-COMP-241211-00-0.5	Conventionals	TOC	32500 mg/kg	32500J mg/kg	Holding time exceedance
R14-ST013-COMP-241211-00-0.5	Conventionals	TOC	59100 mg/kg	59100J mg/kg	Holding time exceedance
R14-ST014-COMP-241211-00-0.5	Conventionals	TOC	27800 mg/kg	27800J mg/kg	Holding time exceedance
R14-ST015-COMP-241211-00-0.5	Conventionals	TOC	53400 mg/kg	53400J mg/kg	Holding time exceedance
R14-ST016-COMP-241211-00-0.5	Conventionals	TOC	69600 mg/kg	69600J mg/kg	Holding time exceedance
R16-ST008-COMP-241219-00-0.25	Conventionals	TOC	4840 mg/kg	4840J mg/kg	FD RPD above CL
R16-ST008-COMP-BD0001	Conventionals	TOC	2250 mg/kg	2250J mg/kg	FD RPD above CL
R9-RT001-COMP-241107-00-0.33	Conventionals	TOC	12700 mg/kg	12700J mg/kg	Holding time exceedance
R9-ST001-COMP-241107-00-0.33	Conventionals	TOC	14600 mg/kg	14600J mg/kg	Holding time exceedance
R9-ST002-COMP-241107-00-0.25	Conventionals	TOC	1900 mg/kg	1900J mg/kg	Holding time exceedance

Sample ID	Parameter	Analyte	Reported Result	Qualified Result	Reason
R9-ST003-COMP-241108-00-0.33	Conventionals	TOC	28100 mg/kg	28100J mg/kg	Holding time exceedance
R9-ST004-COMP-241108-00-0.25	Conventionals	TOC	5080 mg/kg	5080J mg/kg	Holding time exceedance

References

Arcadis, 2023. *Field Sampling Plan/Quality Assurance Project Plan, Revision 1*. Prepared for General Electric Company, Pittsfield, Massachusetts. December 2023.

EPA (U.S. Environmental Protection Agency),1986. *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods*. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. EPA-530/SW-846.

EPA, 1996. *Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses*. USEPA-New England, Region I, Quality Assurance Unit Staff, Office of Environmental Measurement and Evaluation. July 1996, Revised December 1996.

EPA, 2020a. USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Methods Data Review. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. EPA-540-R-20-006. November 2020.

EPA, 2020b. USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. EPA 540-R-20-005. November 2020.

Attachment 1
Sample IDs, SDGs, Matrices, and Analyses

Sample ID	Lab Sample ID	SDG	Matrix	Analyses
R14-RT001-COMP-241210-00-0.5	JE3356-1	JE3356	Sediment	TS, GS, PCBs, TOC
R14-RT002-COMP-241210-00-0.5	JE3356-2	JE3356	Sediment	TS, GS, PCBs, TOC
R14-ST003-COMP-241210-00-0.5	JE3356-3	JE3356	Sediment	TS, GS, PCBs, TOC
R14-ST009-COMP-241210-00-0.5	JE3356-4	JE3356	Sediment	TS, GS, PCBs, TOC
R14-ST010-COMP-241210-00-0.5	JE3356-5	JE3356	Sediment	TS, GS, PCBs, TOC
R14-ST011-COMP-241211-00-0.5	JE3356-6	JE3356	Sediment	TS, GS, PCBs, TOC
R14-ST012-COMP-241211-00-0.5	JE3356-7	JE3356	Sediment	TS, GS, PCBs, TOC
R14-ST013-COMP-241211-00-0.5	JE3356-8	JE3356	Sediment	TS, GS, PCBs, TOC
R14-ST014-COMP-241211-00-0.5	JE3356-9	JE3356	Sediment	TS, GS, PCBs, TOC
R14-ST015-COMP-241211-00-0.5	JE3356-10	JE3356	Sediment	TS, GS, PCBs, TOC
R14-ST016-COMP-241211-00-0.5	JE3356-11	JE3356	Sediment	TS, GS, PCBs, TOC
RB-2412201300	JE3385-1	JE3385	Water	TOC
R16-RT001-COMP-241220-00-0.5	JE3385-2	JE3385	Sediment	TS, GS, PCBs, TOC
R16-RT002-COMP-241219-00-0.42	JE3385-3	JE3385	Sediment	TS, GS, PCBs, TOC
R16-ST002-COMP-241220-00-0.25	JE3385-4	JE3385	Sediment	TS, GS, PCBs, TOC
R16-ST003-COMP-241220-00-0.5	JE3385-5	JE3385	Sediment	TS, GS, PCBs, TOC
R16-ST004-COMP-241220-00-0.25	JE3385-6	JE3385	Sediment	TS, GS, PCBs, TOC
R16-ST005-COMP-241219-00-0.25	JE3385-7	JE3385	Sediment	TS, GS, PCBs, TOC
R16-ST006-COMP-241219-00-0.33	JE3385-8	JE3385	Sediment	TS, GS, PCBs, TOC
R16-ST007-COMP-241219-00-0.33	JE3385-9	JE3385	Sediment	TS, GS, PCBs, TOC
R16-ST008-COMP-241219-00-0.25	JE3385-10	JE3385	Sediment	TS, GS, PCBs, TOC
R16-ST008-COMP-BD0001	JE3385-11	JE3385	Sediment	TS, PCBs, TOC
RB-2411081501	JE512-1	JE512	Water	PCBs, TOC
RB-2411110826	JE512-2	JE512	Water	PCBs, TOC
R13-RT001-COMP-241105-00-0.25	JE512-3	JE512	Sediment	TS, GS, PCBs, TOC
R13-RT002-COMP-241106-00-0.25	JE512-4	JE512	Sediment	TS, GS, PCBs, TOC
R13-RT002-COMP-BD0001	JE512-5	JE512	Sediment	TS, PCBs, TOC
R13-ST001-COMP-241107-00-0.25	JE512-6	JE512	Sediment	TS, GS, PCBs, TOC
R13-ST002-COMP-241105-00-0.25	JE512-7	JE512	Sediment	TS, GS, PCBs, TOC
R13-ST003-COMP-241105-00-0.25	JE512-8	JE512	Sediment	TS, GS, PCBs, TOC
R13-ST004-COMP-241105-00-0.25	JE512-9	JE512	Sediment	TS, GS, PCBs, TOC
R13-ST005-COMP-241106-00-0.25	JE512-10	JE512	Sediment	TS, GS, PCBs, TOC
R13-ST006-COMP-241106-00-0.25	JE512-11	JE512	Sediment	TS, GS, PCBs, TOC
R13-ST008-COMP-241106-00-0.25	JE512-12	JE512	Sediment	TS, GS, PCBs, TOC
R9-RT001-COMP-241107-00-0.33	JE512-13	JE512	Sediment	TS, GS, PCBs, TOC
R9-ST001-COMP-241107-00-0.33	JE512-14	JE512	Sediment	TS, GS, PCBs, TOC

R9-ST002-COMP-241107-00-0.25	JE512-15	JE512	Sediment	TS, GS, PCBs, TOC
R9-ST003-COMP-241108-00-0.33	JE512-16	JE512	Sediment	TS, GS, PCBs, TOC
R9-ST004-COMP-241108-00-0.25	JE512-17	JE512	Sediment	TS, GS, PCBs, TOC
R11-RT001-COMP-241028-00-0.25	JE515-1	JE515	Sediment	TS, GS, PCBs, TOC
R11-RT002-COMP-241029-00-0.33	JE515-2	JE515	Sediment	TS, GS, PCBs, TOC
R11-RT003-COMP-241030-00-0.25	JE515-3	JE515	Sediment	TS, GS, PCBs, TOC
R11-ST001-COMP-241028-00-0.17	JE515-4	JE515	Sediment	TS, GS, PCBs, TOC
R11-ST002-COMP-241028-00-0.25	JE515-5	JE515	Sediment	TS, GS, PCBs, TOC
R11-ST003-COMP-241028-00-0.5	JE515-6	JE515	Sediment	TS, GS, PCBs, TOC
R11-ST004-COMP-241028-00-0.25	JE515-7	JE515	Sediment	TS, GS, PCBs, TOC
R11-ST005-COMP-241029-00-0.25	JE515-8	JE515	Sediment	TS, GS, PCBs, TOC
R11-ST006-COMP-241029-00-0.25	JE515-9	JE515	Sediment	TS, GS, PCBs, TOC
R11-ST007-COMP-241029-00-0.25	JE515-10	JE515	Sediment	TS, GS, PCBs, TOC
R11-ST008-COMP-241029-00-0.33	JE515-11	JE515	Sediment	TS, GS, PCBs, TOC
R11-ST009-COMP-241029-00-0.25	JE515-12	JE515	Sediment	TS, GS, PCBs, TOC
R11-ST010-COMP-241029-00-0.17	JE515-13	JE515	Sediment	TS, GS, PCBs, TOC
R11-ST011-COMP-241030-00-0.25	JE515-14	JE515	Sediment	TS, GS, PCBs, TOC
R11-ST012-COMP-241030-00-0.25	JE515-15	JE515	Sediment	TS, GS, PCBs, TOC
R12-RT001-COMP-241031-00-0.17	JE515-16	JE515	Sediment	TS, GS, PCBs, TOC
R12-RT001-COMP-BD0001	JE515-17	JE515	Sediment	TS, PCBs, TOC
R12-RT002-COMP-241031-00-0.25	JE515-18	JE515	Sediment	TS, GS, PCBs, TOC
R12-ST001-COMP-241031-00-0.25	JE515-19	JE515	Sediment	TS, GS, PCBs, TOC
R12-ST002-COMP-241031-00-0.17	JE515-20	JE515	Sediment	TS, GS, PCBs, TOC
R12-ST003-COMP-241031-00-0.17	JE515-21	JE515	Sediment	TS, GS, PCBs, TOC
R12-ST004-COMP-241031-00-0.33	JE515-22	JE515	Sediment	TS, GS, PCBs, TOC
R12-ST005-COMP-241030-00-0.17	JE515-23	JE515	Sediment	TS, GS, PCBs, TOC
R12-ST006-COMP-241031-00-0.25	JE515-24	JE515	Sediment	TS, GS, PCBs, TOC
R12-ST007-COMP-241101-00-0.25	JE515-25	JE515	Sediment	TS, GS, PCBs, TOC
RB-2411011315	JE515-26	JE515	Water	PCBs, TOC
R12-ST008-COMP-241101-00-0.33	JE515-27	JE515	Sediment	TS, GS, PCBs, TOC

Appendix I
Data Validation Reports (Waterfowl)

Table I-1
Summary of Waterfowl Data Validation Reports and Data Usability

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River – Rest of River

Data Validation Report	Sample Data Group	Validation Level	PCBs (as Aroclors)		PCBs (as Congeners)	
			Sample Count	Percent Usability	Sample Count	Percent Usability
58241R	JD99719	Tier II	21	100.0%	-	-
58242R	JE572	Tier I	21	100.0%	-	-
58243R	JD98142	Tier II	5	100.0%	-	-
61418R	C1489	Tier II	-	-	12	100.0%
Total:			**47**	**100.0%**	**12**	**100.0%**

Notes:
1. Tier II validation level includes Tier I and Tier II data reviews; approximately 55% of the Aroclor samples underwent Tier II validation and 100% of the Congener samples underwent Tier II validation.

2. Sample count includes duplicate samples and field blanks, where applicable.

PCBs - Polychlorinated Biphenyls (as Aroclors or congeners)

General Electric Company

Data Validation Report

Baseline Waterfowl Monitoring
Housatonic River – Rest of River
Pittsfield, Massachusetts

Polychlorinated Biphenyl (PCB) Analyses

SDG # JD99719

Tier I and II Level Data Review

Analyses Performed By:
SGS Laboratory
Dayton, New Jersey

Report # 58241R
Project: 30289690, Task 0001

Table of Contents

1 Summary 1
1.1 Analytical Data Package Documentation 2
1.2 Data Validation Procedures 2
2 Polychlorinated Biphenyl Aroclor Analyses 5
2.1 Holding Times 5
2.2 Blank Contamination 5
2.3 System Performance 5
2.4 Calibration 5
2.4.1 Initial Calibration 5
2.4.2 Continuing Calibration 6
2.5 Surrogates/System Monitoring Compounds 6
2.6 Matrix Spike/Matrix Spike Duplicate Analysis 6
2.7 Laboratory Duplicate Analysis 6
2.8 Laboratory Control Sample / Laboratory Control Sample Duplicate Analysis 6
2.9 Field Duplicate Analysis 7
2.10 Compound Identification 7
2.11 System Performance and Overall Assessment 7
2.12 Data Validation Checklist for PCBs 7
3 Overall Data Usability 9

Tables

Table 1. Summary of Samples Subjected to Tier I and Tier II Data Validation 1
Table 2. Evaluation of Data Package Completeness 2
Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation 4
Table 4. Holding Time for USEPA Method 8082A 5
Table 5. Summary of Field Duplicate Analysis 7
Table 6. Data Validation Checklist for Polychlorinated Biphenyls 7
Table 7. Overall Summary of Data Usability 9

Appendices

Appendix A **Chain of Custody**

Appendix B **Annotated Sample Analysis Data Sheets**

1 Summary

This attachment summarizes the data validation review of Sample Delivery Group (SDG) JD99719 performed on behalf of the General Electric Company (GE) for waterfowl sampling activities conducted as part of the Baseline Monitoring at the GE-Pittsfield/Housatonic River Site. The review was conducted at Tier I and Tier II levels and included review of data package completeness. Field documentation was not included in this review. Included with this assessment are the chain-of-custody forms (Appendix A) and the validation annotated sample analysis data sheets (Appendix B). Analyses were performed on the samples listed in Table 1.

Table 1. Summary of Samples Subjected to Tier I and Tier II Data Validation

Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis
					PCB
MAL-WPA-M-01	JD99719-1	Solid	08/28/2024		X
MAL-WPA-F-02	JD99719-2	Solid	08/28/2024		X
MAL-WPA-F-03	JD99719-3	Solid	08/28/2024		X
MAL-WPA-F-04	JD99719-4	Solid	08/28/2024		X
MAL-WPA-F-05	JD99719-5	Solid	08/29/2024		X
WOD-WPA-M-01	JD99719-6	Solid	08/29/2024		X
WOD-WPA-F-02	JD99719-7	Solid	08/29/2024		X
MAL-WPA-F-06	JD99719-8	Solid	08/29/2024		X
MAL-WPA-F-06-DUP	JD99719-8R	Solid	08/29/2024	MAL-WPA-F-06	X
MAL-WPA-M-07	JD99719-9	Solid	08/29/2024		X
WOD-WPA-M-03	JD99719-10	Solid	09/03/2024		X
WOD-WPA-M-04	JD99719-11	Solid	09/03/2024		X
WOD-WPA-F-05	JD99719-12	Solid	09/03/2024		X
WOD-WPA-F-06	JD99719-13	Solid	09/03/2024		X
WOD-WPA-F-07	JD99719-14	Solid	09/03/2024		X
WOD-WPA-F-08	JD99719-15	Solid	09/03/2024		X
WOD-WPA-M-09	JD99719-16	Solid	09/03/2024		X
WOD-WPA-M-10	JD99719-17	Solid	09/03/2024		X
WOD-WPA-M-11	JD99719-18	Solid	09/03/2024		X
WOD-WPA-M-12	JD99719-19	Solid	09/03/2024		X
WOD-WPA-M-13	JD99719-20	Solid	09/03/2024		X

Note:
PCB = Polychlorinated Biphenyls

1.1 Analytical Data Package Documentation

The table below is the evaluation of the data package completeness.

Table 2. Evaluation of Data Package Completeness

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

Note:
QA = Quality Assurance

1.2 Data Validation Procedures

Analyses were performed according to United States Environmental Protection Agency (EPA) USEPA Method 8082A. Data were reviewed in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan – GE-Pittsfield/Housatonic River Site (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, prepared by Arcadis (Revised December 21, 2023); and
- EPA Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (July 1996, revised December 1996) (EPA Region I Guidelines).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers:
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers:
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
  - JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
  - UB Compound considered non-detect at the listed value due to associated blank contamination.
  - N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
  - R The sample results are rejected.

Two facts should be noted by all data users. First, the “R” flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. “R” values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Section 7.5 of the revised FSP/QAPP states that all analytical data will be validated to a Tier I level following the procedures presented in the EPA Region I Guidelines. The Tier I review consisted of a completeness evidence audit, as outlined in the EPA Region I CSF Completeness Evidence Audit Program (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the EPA Region I Tier I data completeness requirements.

The analytical results described above were also subjected to a Tier II data review. The Tier II data review consisted of a review of data package summary forms for identification of quality assurance (QA)/QC deviations and qualification of the data according to the EPA Region I Guidelines. Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the number of sample analyses subject to Tier I and Tier II data review is presented in the following table.

Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation

	Tier I Only			Tier I &Tier II			
Parameter	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	Total
PCBs	0	0	0	20	1	0	21

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in EPA Region I Guidelines. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. The annotated sample analysis data sheets attached to this validation report (Appendix B) reflect any added data qualifiers.

2 Polychlorinated Biphenyl Aroclor Analyses

2.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 4. Holding Time for USEPA Method 8082A

Method	Matrix	Holding Time	Preservation
USEPA Method 8082A	Solid	One year from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria.

2.2 Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Compounds were not detected above the MDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

2.3 System Performance

System performance and column resolution were acceptable.

2.4 Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

2.4.1 Initial Calibration

A maximum RSD of 20% is allowed or a correlation coefficient greater than 0.99. Multiple-point calibrations were performed for Aroclors 1016 and 1260 only. Single-point calibrations were performed for the remaining Aroclors. The initial calibration standard must exhibit a percent difference (%D) less than the control limit (20%).

2.4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (15%).

All compounds associated with the calibrations were within the specified control limits.

2.5 Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with labeled compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. Analysis requires isotope dilution compounds exhibit recoveries within the laboratory-established acceptance limits.

All Aroclors associated with the labeled compound analysis exhibited recoveries within the control limits.

2.6 Matrix Spike/Matrix Spike Duplicate Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The RPD between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on samples where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD analysis performed on samples MAL-WPA-M-01 and MAL-WPA-F-06-DUP, exhibited acceptable recoveries and RPDs.

2.7 Laboratory Duplicate Analysis

The laboratory duplicate relative percent difference (RPD) criterion is applied when parent and duplicate sample concentrations are greater than or equal to 5 times the reporting limit (RL). A control limit of 30% for water matrices is applied when the criteria above is true. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of one time the RL is applied for water matrices.

The laboratory duplicate analysis was not performed on a sample from this SDG.

2.8 Laboratory Control Sample / Laboratory Control Sample Duplicate Analysis

The ongoing precision result laboratory control sample / laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the accuracy of the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS/LCSD analysis must exhibit a percent recovery and RPD within the laboratory-established acceptance limits.

All compounds associated with the LCS analysis exhibited recoveries within the control limits.

2.9 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In an instance when the parent and/or duplicate sample concentrations are less than or equal to five times the RL, a control limit of two times the RL is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 5. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
MAL-WPA-F-06 / MAL-WPA-F-06-DUP	Aroclor 1254	82.7	20 U	NC
	Aroclor 1260	426	476	11.1%

Note:
NC = Non-Compliance

The compound Aroclor 1254 associated with samples MAL-WPA-F-06 and MAL-WPA-F-06-DUP exhibited a field duplicate absolute difference greater than the control limit. The associated sample results from samples for the listed compound were qualified as estimated.

2.10 Compound Identification

The retention times of all quantitated peaks must fall within the calculated retention time windows for both the primary and confirmation columns. When dual column analysis is performed the relative percent difference (%RPD) of detected sample results must be less than 40%.

The dual column analysis exhibited an acceptable %RPD between columns.

2.11 System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

2.12 Data Validation Checklist for PCBs

Table 6. Data Validation Checklist for Polychlorinated Biphenyls

PCBs; EPA8082A	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
HIGH RESOLUTION GAS CHROMATOGRAPHY/HIGH RESOLUTION MASS SPECTROMETRY (HRGC/HRMS)					
Tier I Validation					
Holding times		X		X	
Reporting limits (units)		X		X	

PCBs; EPA8082A	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Blanks					
A. Method blanks		X		X	
B. Equipment blank	X				X
LCS %R		X		X	
LCS Duplicate (LCSD) %R	X				X
LCS/LCSD Precision (RPD)	X				X
Matrix Spike (MS) %R		X		X	
Matrix Spike Duplicate (MSD) %R		X		X	
MS/MSD Precision (RPD)		X		X	
Field/Lab Duplicate (RPD)		X	X		
Labeled Standard Recovery %R		X		X	
Cleanup Compound %R		X		X	
Dual Column (RPD)		X		X	
Dilution Factor		X		X	
Moisture Content	X				X
Tier II Validation					
Initial calibration %RSDs		X		X	
Continuing calibration %Ds		X		X	
Internal standard		X		X	
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
System performance and column resolution		X		X	
Compound identification and quantitation					
A. A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present		X		X	
E. Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%RSD = Relative standard deviation
RPD = Relative percent difference
%D = Percent Deviation
%R = Percent recovery

3 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under both the Tier I/II data validation reviews. The percent usability calculation also includes quality control samples (i.e., field/equipment blanks, trip blanks, and field duplicates) to aid in the evaluation of data usability. Data usability is summarized in the following table.

Table 7. Overall Summary of Data Usability

Parameter	Percent Usability	Rejected Data
PCBs	100%	0

The data package completeness, as determined from the Tier I data review, was used in combination with the data quality deviations identified during the Tier II data review to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I and Tier II data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses (discussed in this report) to provide a measure of compliance of the analytical data with the Data Quality Objectives specified in the FSP/QAPP.

VALIDATION PERFORMED BY: Bindu Sree M B

SIGNATURE:

DATE: March 10, 2025

PEER REVIEW: Andrew Korycinski

DATE: March 11, 2025

Appendix A

Chain of Custody

Eurofins Lancaster Laboratories Environme

Chain of Custody Record

eurofins

Client Information	Sampler: Thom McClenahan	Lab PM: Kuhl, Lynn	Carrier Tracking No(s): 4140 3351 2577	COC No: JD99719
Client Contact: Adam Ayers	Phone: 518-312-0940	E-Mail: Lynn.Kuhl@sgs.com	State of Origin: MA,CT	Page: Page 1 of 5
Company: ARCADIS U.S. Inc	PWSID:	Analysis Requested		Job #:
Address:	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
City:	TAT Requested (days):			
State, Zip:				
Phone:	PO #: 222183446			Other:
Email: Thomas.Ayers@Arcadis.com	WO #:			
Project Name: GE-Housatonic River	Project #: 30230743.3000			
Site: Housatonic River - MA and CT	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	PCB as Aroclors Method 8082A	Percent lipid content	Total Number of containers	Special Instructions/Note:
1	MAL-WPA-M-01	8/28/24		G	BT	X	X	1	E29 T3
2	MAL-WPA-F-02	8/28/24		G	BT	X	X	1	
3	MAL-WPA-F-03	8/28/24		G	BT	X	X	1	
4	MAL-WPA-F-04	8/28/24		G	BT	X	X	1	
5	MAL-WPA-F-05	8/29/24		G	BT	X	X	1	
6	WOD-WPA-M-01	8/29/24		G	BT	X	X	1	
7	WOD-WPA-F-02	8/29/24		G	BT	X	X	1	
8	MAL-WPA-F-06	8/29/24		G	BT	X	X	1	Initial Assessment ZAEA
9	MAL-WPA-M-07	8/29/24		G	BT	X	X	1	Label Verification
10	WOD-WPA-M-03	9/3/24		G	BT	X	X	1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) - **Type I (validation)**

Special Instructions/QC Requirements:
NOTE - samples selected for congener analysis (Method 1668C) will be identified at a later date.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FEDEX

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	ARCADIS	10.9.24 1500	ARCADIS		10/10/24 9:35	JGI ZLM
2		10/5/24 16:00	JGI-ZLM	Fedex		
3	Fedex	11/6/24 11:00			11/6/24 11:00	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: ice 2.0 CIP 1250

5.1 5

JD99719: Chain of Custody
Page 1 of 4

Eurofins Lancaster Laboratories Environme

Chain of Custody Record

eurofins

Client Information	Sampler: Thom McClenahan	Lab PM: Kuhl, Lynn	Carrier Tracking No(s):	COC No: JD99719
Client Contact: Adam Ayers	Phone: 518-312-0940	E-Mail: Lynn.Kuhl@sgs.com	State of Origin: MA,CT	Page: Page 2 of 5
Company: ARCADIS U.S. Inc	PWSID:	Analysis Requested		Job #:
Address:	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City:	TAT Requested (days):			
State, Zip:				
Phone:	PO #: 222183446			
Email: Thomas.Ayers@Arcadis.com	WO #:			
Project Name: GE-Housatonic River	Project #: 30230743.3000			
Site: Housatonic River - MA and CT	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	PCB as Aroclors Method 8082A	Percent lipid content	Total Number of containers	Special Instructions/Note:
11	WOD-WPA-M-04	9/3/24		G	BT	X	X	1	
12	WOD-WPA-F-05	9/3/24		G	BT	X	X	1	
13	WOD-WPA-F-06	9/3/24		G	BT	X	X	1	
14	WOD-WPA-F-07	9/3/24		G	BT	X	X	1	
15	WOD-WPA-F-08	9/3/24		G	BT	X	X	1	
16	WOD-WPA-M-09	9/3/24		G	BT	X	X	1	
17	WOD-WPA-M-10	9/3/24		G	BT	X	X	1	
18	WOD-WPA-M-11	9/3/24		G	BT	X	X	1	
19	WOD-WPA-M-12	9/3/24		G	BT	X	X	1	
20	WOD-WPA-M-13	9/3/24		G	BT	X	X	1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) - **Type I (validation)**

Special Instructions/QC Requirements:
NOTE - samples selected for congener analysis (Method 1668C) will be identified at a later date.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FedEx

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	10.9.24 1500	ARCADIS	[signature]	10/10/24 9:35	SGS
2	[signature]	10/10/24 16:00	SGS	Fed Ex		
3	Fed Ex	10/6/24 16:00		[signature]	10/6/24 19:00	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

JD99719: Chain of Custody
Page 2 of 4

Appendix B

Annotated Sample Analysis Data Sheets

SGS North America Inc.

Report of Analysis

Client Sample ID:	MAL-WPA-M-01		
Lab Sample ID:	JD99719-1	**Date Sampled:**	08/28/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29634.D	5	11/20/24 06:08	MLC	11/18/24 13:30	OP59280	GRM704
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	94	40	ug/kg	
11104-28-2	Aroclor 1221	ND	94	32	ug/kg	
11141-16-5	Aroclor 1232	ND	94	78	ug/kg	
53469-21-9	Aroclor 1242	ND	94	57	ug/kg	
12672-29-6	Aroclor 1248	ND	94	20	ug/kg	
11097-69-1	Aroclor 1254	ND	94	10	ug/kg	
11096-82-5	Aroclor 1260	4090	94	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	108%		35-154%
877-09-8	Tetrachloro-m-xylene	107%		35-154%
2051-24-3	Decachlorobiphenyl	131%		24-176%
2051-24-3	Decachlorobiphenyl	118%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MAL-WPA-F-02		
Lab Sample ID:	JD99719-2	**Date Sampled:**	08/28/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29555.D	1	11/18/24 20:33	TL	11/18/24 13:30	OP59280	GRM702
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.5	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.7	ug/kg	
11141-16-5	Aroclor 1232	ND	20	17	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.3	ug/kg	
11097-69-1	Aroclor 1254	ND	20	2.2	ug/kg	
11096-82-5	Aroclor 1260	1430	20	6.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	104%		35-154%
877-09-8	Tetrachloro-m-xylene	112%		35-154%
2051-24-3	Decachlorobiphenyl	102%		24-176%
2051-24-3	Decachlorobiphenyl	103%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MAL-WPA-F-03		
Lab Sample ID:	JD99719-3	**Date Sampled:**	08/28/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29556.D	1	11/18/24 20:55	TL	11/18/24 13:30	OP59280	GRM702
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	19	8.2	ug/kg	
11104-28-2	Aroclor 1221	ND	19	6.5	ug/kg	
11141-16-5	Aroclor 1232	ND	19	16	ug/kg	
53469-21-9	Aroclor 1242	ND	19	12	ug/kg	
12672-29-6	Aroclor 1248	ND	19	4.2	ug/kg	
11097-69-1	Aroclor 1254	ND	19	2.1	ug/kg	
11096-82-5	Aroclor 1260	1950	19	6.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	105%		35-154%
877-09-8	Tetrachloro-m-xylene	114%		35-154%
2051-24-3	Decachlorobiphenyl	109%		24-176%
2051-24-3	Decachlorobiphenyl	117%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MAL-WPA-F-04		
Lab Sample ID:	JD99719-4	**Date Sampled:**	08/28/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29557.D	1	11/18/24 21:18	TL	11/18/24 13:30	OP59280	GRM702
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	19	8.0	ug/kg	
11104-28-2	Aroclor 1221	ND	19	6.3	ug/kg	
11141-16-5	Aroclor 1232	ND	19	16	ug/kg	
53469-21-9	Aroclor 1242	ND	19	11	ug/kg	
12672-29-6	Aroclor 1248	ND	19	4.1	ug/kg	
11097-69-1	Aroclor 1254	ND	19	2.0	ug/kg	
11096-82-5	Aroclor 1260	2350	19	6.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	102%		35-154%
877-09-8	Tetrachloro-m-xylene	112%		35-154%
2051-24-3	Decachlorobiphenyl	120%		24-176%
2051-24-3	Decachlorobiphenyl	120%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MAL-WPA-F-05		
Lab Sample ID:	JD99719-5	**Date Sampled:**	08/29/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29635.D	5	11/20/24 06:31	MLC	11/18/24 13:30	OP59280	GRM704
Run #2							

	Initial Weight	Final Volume
Run #1	5.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	91	39	ug/kg	
11104-28-2	Aroclor 1221	ND	91	31	ug/kg	
11141-16-5	Aroclor 1232	ND	91	75	ug/kg	
53469-21-9	Aroclor 1242	ND	91	55	ug/kg	
12672-29-6	Aroclor 1248	ND	91	20	ug/kg	
11097-69-1	Aroclor 1254	ND	91	9.8	ug/kg	
11096-82-5	Aroclor 1260	5840	91	31	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	107%		35-154%
877-09-8	Tetrachloro-m-xylene	110%		35-154%
2051-24-3	Decachlorobiphenyl	131%		24-176%
2051-24-3	Decachlorobiphenyl	125%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-M-01		
Lab Sample ID:	JD99719-6	**Date Sampled:**	08/29/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29559.D	1	11/18/24 22:03	TL	11/18/24 13:30	OP59280	GRM702
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	19	8.2	ug/kg	
11104-28-2	Aroclor 1221	ND	19	6.5	ug/kg	
11141-16-5	Aroclor 1232	ND	19	16	ug/kg	
53469-21-9	Aroclor 1242	ND	19	12	ug/kg	
12672-29-6	Aroclor 1248	ND	19	4.2	ug/kg	
11097-69-1	Aroclor 1254	ND	19	2.1	ug/kg	
11096-82-5	Aroclor 1260	1570	19	6.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	102%		35-154%
877-09-8	Tetrachloro-m-xylene	111%		35-154%
2051-24-3	Decachlorobiphenyl	103%		24-176%
2051-24-3	Decachlorobiphenyl	110%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-F-02		
Lab Sample ID:	JD99719-7	**Date Sampled:**	08/29/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29560.D	1	11/18/24 22:26	TL	11/18/24 13:30	OP59280	GRM702
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.3	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.6	ug/kg	
11141-16-5	Aroclor 1232	ND	20	16	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.2	ug/kg	
11097-69-1	Aroclor 1254	ND	20	2.1	ug/kg	
11096-82-5	Aroclor 1260	1100	20	6.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	101%		35-154%
877-09-8	Tetrachloro-m-xylene	111%		35-154%
2051-24-3	Decachlorobiphenyl	99%		24-176%
2051-24-3	Decachlorobiphenyl	107%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MAL-WPA-F-06		
Lab Sample ID:	JD99719-8	**Date Sampled:**	08/29/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29561.D	1	11/18/24 22:48	TL	11/18/24 13:30	OP59280	GRM702
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	19	8.2	ug/kg	
11104-28-2	Aroclor 1221	ND	19	6.5	ug/kg	
11141-16-5	Aroclor 1232	ND	19	16	ug/kg	
53469-21-9	Aroclor 1242	ND	19	12	ug/kg	
12672-29-6	Aroclor 1248	ND	19	4.2	ug/kg	
11097-69-1	Aroclor 1254	82.7 J	19	2.1	ug/kg	
11096-82-5	Aroclor 1260	426	19	6.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	100%		35-154%
877-09-8	Tetrachloro-m-xylene	111%		35-154%
2051-24-3	Decachlorobiphenyl	101%		24-176%
2051-24-3	Decachlorobiphenyl	108%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MAL-WPA-F-06-DUP		
Lab Sample ID:	JD99719-8R	**Date Sampled:**	08/29/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM31108.D	1	12/29/24 21:40	MLC	12/27/24 12:00	OP60563	GRM741
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.5	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.7	ug/kg	
11141-16-5	Aroclor 1232	ND	20	17	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.3	ug/kg	
11097-69-1	Aroclor 1254	ND UJ	20	2.2	ug/kg	
11096-82-5	Aroclor 1260	476	20	6.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		35-154%
877-09-8	Tetrachloro-m-xylene	83%		35-154%
2051-24-3	Decachlorobiphenyl	130%		24-176%
2051-24-3	Decachlorobiphenyl	137%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	MAL-WPA-M-07		
Lab Sample ID:	JD99719-9	**Date Sampled:**	08/29/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29562.D	1	11/18/24 23:11	TL	11/18/24 13:30	OP59280	GRM702
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	19	8.2	ug/kg	
11104-28-2	Aroclor 1221	ND	19	6.5	ug/kg	
11141-16-5	Aroclor 1232	ND	19	16	ug/kg	
53469-21-9	Aroclor 1242	ND	19	12	ug/kg	
12672-29-6	Aroclor 1248	ND	19	4.2	ug/kg	
11097-69-1	Aroclor 1254	ND	19	2.1	ug/kg	
11096-82-5	Aroclor 1260	1980	19	6.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	101%		35-154%
877-09-8	Tetrachloro-m-xylene	112%		35-154%
2051-24-3	Decachlorobiphenyl	105%		24-176%
2051-24-3	Decachlorobiphenyl	112%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-M-03		
Lab Sample ID:	JD99719-10	**Date Sampled:**	09/03/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29563.D	1	11/18/24 23:33	TL	11/18/24 13:30	OP59280	GRM702
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	19	8.2	ug/kg	
11104-28-2	Aroclor 1221	ND	19	6.5	ug/kg	
11141-16-5	Aroclor 1232	ND	19	16	ug/kg	
53469-21-9	Aroclor 1242	ND	19	12	ug/kg	
12672-29-6	Aroclor 1248	ND	19	4.2	ug/kg	
11097-69-1	Aroclor 1254	ND	19	2.1	ug/kg	
11096-82-5	Aroclor 1260	978	19	6.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	102%		35-154%
877-09-8	Tetrachloro-m-xylene	111%		35-154%
2051-24-3	Decachlorobiphenyl	105%		24-176%
2051-24-3	Decachlorobiphenyl	106%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-M-04		
Lab Sample ID:	JD99719-11	**Date Sampled:**	09/03/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29564.D	1	11/18/24 23:56	TL	11/18/24 13:30	OP59280	GRM702
Run #2							

	Initial Weight	Final Volume
Run #1	5.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	19	7.9	ug/kg	
11104-28-2	Aroclor 1221	ND	19	6.2	ug/kg	
11141-16-5	Aroclor 1232	ND	19	15	ug/kg	
53469-21-9	Aroclor 1242	ND	19	11	ug/kg	
12672-29-6	Aroclor 1248	ND	19	4.0	ug/kg	
11097-69-1	Aroclor 1254	ND	19	2.0	ug/kg	
11096-82-5	Aroclor 1260	1050	19	6.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	102%		35-154%
877-09-8	Tetrachloro-m-xylene	110%		35-154%
2051-24-3	Decachlorobiphenyl	103%		24-176%
2051-24-3	Decachlorobiphenyl	109%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-F-05		
Lab Sample ID:	JD99719-12	**Date Sampled:**	09/03/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29565.D	1	11/19/24 00:19	TL	11/18/24 13:30	OP59280	GRM702
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	19	8.0	ug/kg	
11104-28-2	Aroclor 1221	ND	19	6.3	ug/kg	
11141-16-5	Aroclor 1232	ND	19	16	ug/kg	
53469-21-9	Aroclor 1242	ND	19	11	ug/kg	
12672-29-6	Aroclor 1248	ND	19	4.1	ug/kg	
11097-69-1	Aroclor 1254	ND	19	2.0	ug/kg	
11096-82-5	Aroclor 1260	1120	19	6.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	102%		35-154%
877-09-8	Tetrachloro-m-xylene	111%		35-154%
2051-24-3	Decachlorobiphenyl	106%		24-176%
2051-24-3	Decachlorobiphenyl	106%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-F-06		
Lab Sample ID:	JD99719-13	**Date Sampled:**	09/03/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29566.D	1	11/19/24 00:41	TL	11/18/24 13:30	OP59280	GRM702
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	19	8.0	ug/kg	
11104-28-2	Aroclor 1221	ND	19	6.3	ug/kg	
11141-16-5	Aroclor 1232	ND	19	16	ug/kg	
53469-21-9	Aroclor 1242	ND	19	11	ug/kg	
12672-29-6	Aroclor 1248	ND	19	4.1	ug/kg	
11097-69-1	Aroclor 1254	ND	19	2.0	ug/kg	
11096-82-5	Aroclor 1260	2220	19	6.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	102%		35-154%
877-09-8	Tetrachloro-m-xylene	110%		35-154%
2051-24-3	Decachlorobiphenyl	103%		24-176%
2051-24-3	Decachlorobiphenyl	108%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-F-07		
Lab Sample ID:	JD99719-14	**Date Sampled:**	09/03/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29567.D	1	11/19/24 01:04	TL	11/18/24 13:30	OP59280	GRM702
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	19	8.0	ug/kg	
11104-28-2	Aroclor 1221	ND	19	6.3	ug/kg	
11141-16-5	Aroclor 1232	ND	19	16	ug/kg	
53469-21-9	Aroclor 1242	ND	19	11	ug/kg	
12672-29-6	Aroclor 1248	ND	19	4.1	ug/kg	
11097-69-1	Aroclor 1254	ND	19	2.0	ug/kg	
11096-82-5	Aroclor 1260	1520	19	6.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	104%		35-154%
877-09-8	Tetrachloro-m-xylene	113%		35-154%
2051-24-3	Decachlorobiphenyl	107%		24-176%
2051-24-3	Decachlorobiphenyl	114%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-F-08		
Lab Sample ID:	JD99719-15	**Date Sampled:**	09/03/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29568.D	1	11/19/24 01:27	TL	11/18/24 13:30	OP59280	GRM702
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.3	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.6	ug/kg	
11141-16-5	Aroclor 1232	ND	20	16	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.2	ug/kg	
11097-69-1	Aroclor 1254	267	20	2.1	ug/kg	
11096-82-5	Aroclor 1260	1350	20	6.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	98%		35-154%
877-09-8	Tetrachloro-m-xylene	109%		35-154%
2051-24-3	Decachlorobiphenyl	104%		24-176%
2051-24-3	Decachlorobiphenyl	108%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-M-09		
Lab Sample ID:	JD99719-16	**Date Sampled:**	09/03/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29569.D	1	11/19/24 01:50	TL	11/18/24 13:30	OP59280	GRM702
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.3	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.6	ug/kg	
11141-16-5	Aroclor 1232	ND	20	16	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.2	ug/kg	
11097-69-1	Aroclor 1254	ND	20	2.1	ug/kg	
11096-82-5	Aroclor 1260	2660	20	6.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	101%		35-154%
877-09-8	Tetrachloro-m-xylene	111%		35-154%
2051-24-3	Decachlorobiphenyl	106%		24-176%
2051-24-3	Decachlorobiphenyl	111%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-M-10		
Lab Sample ID:	JD99719-17	**Date Sampled:**	09/03/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29570.D	1	11/19/24 02:13	TL	11/18/24 13:30	OP59280	GRM702
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.3	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.6	ug/kg	
11141-16-5	Aroclor 1232	ND	20	16	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.2	ug/kg	
11097-69-1	Aroclor 1254	91.3	20	2.1	ug/kg	
11096-82-5	Aroclor 1260	618	20	6.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	101%		35-154%
877-09-8	Tetrachloro-m-xylene	111%		35-154%
2051-24-3	Decachlorobiphenyl	102%		24-176%
2051-24-3	Decachlorobiphenyl	108%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-M-11		
Lab Sample ID:	JD99719-18	**Date Sampled:**	09/03/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29571.D	1	11/19/24 02:35	TL	11/18/24 13:30	OP59280	GRM702
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.3	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.6	ug/kg	
11141-16-5	Aroclor 1232	ND	20	16	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.2	ug/kg	
11097-69-1	Aroclor 1254	40.2	20	2.1	ug/kg	
11096-82-5	Aroclor 1260	403	20	6.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	104%		35-154%
877-09-8	Tetrachloro-m-xylene	114%		35-154%
2051-24-3	Decachlorobiphenyl	106%		24-176%
2051-24-3	Decachlorobiphenyl	107%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-M-12		
Lab Sample ID:	JD99719-19	**Date Sampled:**	09/03/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29572.D	1	11/19/24 02:58	TL	11/18/24 13:30	OP59280	GRM702
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.5	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.7	ug/kg	
11141-16-5	Aroclor 1232	ND	20	17	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.3	ug/kg	
11097-69-1	Aroclor 1254	51.7	20	2.2	ug/kg	
11096-82-5	Aroclor 1260	411	20	6.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	101%		35-154%
877-09-8	Tetrachloro-m-xylene	111%		35-154%
2051-24-3	Decachlorobiphenyl	105%		24-176%
2051-24-3	Decachlorobiphenyl	108%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-M-13		
Lab Sample ID:	JD99719-20	**Date Sampled:**	09/03/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/06/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29636.D	5	11/20/24 06:53	MLC	11/18/24 13:30	OP59280	GRM704
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	98	42	ug/kg	
11104-28-2	Aroclor 1221	ND	98	33	ug/kg	
11141-16-5	Aroclor 1232	ND	98	81	ug/kg	
53469-21-9	Aroclor 1242	ND	98	59	ug/kg	
12672-29-6	Aroclor 1248	ND	98	21	ug/kg	
11097-69-1	Aroclor 1254	ND	98	11	ug/kg	
11096-82-5	Aroclor 1260	5280	98	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	104%		35-154%
877-09-8	Tetrachloro-m-xylene	107%		35-154%
2051-24-3	Decachlorobiphenyl	124%		24-176%
2051-24-3	Decachlorobiphenyl	117%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Arcadis U.S., Inc.
One Lincoln Center, 110 West Fayette Street, Suite 300
Syracuse
New York 13202
Phone: 315 446 9120
Fax: 315 449 0017
www.arcadis.com

General Electric Company

Data Validation Report

Baseline Waterfowl Monitoring
Housatonic River – Rest of River
Pittsfield, Massachusetts

Polychlorinated Biphenyl (PCB) Analyses

SDG # JE572

Tier I Level Data Review

Analyses Performed By:
SGS Laboratory
Dayton, New Jersey

Report # 58242R
Project: 30289690, Task 0001

Table of Contents

1 Summary 1
1.1 Analytical Data Package Documentation 2
1.2 Data Validation Procedures 2
2 Polychlorinated Biphenyl Aroclor Analyses 5
2.1 Holding Times 5
2.2 Blank Contamination 5
2.3 Surrogates/System Monitoring Compounds 5
2.4 Matrix Spike/Matrix Spike Duplicate Analysis 6
2.5 Laboratory Duplicate Analysis 6
2.6 Laboratory Control Sample / Laboratory Control Sample Duplicate Analysis 6
2.7 Field Duplicate Analysis 7
2.8 Compound Identification 7
2.9 System Performance and Overall Assessment 7
2.10 Data Validation Checklist for PCBs 7
3 Overall Data Usability 9

Tables

Table 1. Summary of Samples Subjected to Tier I Data Validation 1
Table 2. Evaluation of Data Package Completeness 2
Table 3. Summary of Sample Analyses Subjected to Tier I Data Validation 4
Table 4. Holding Time for USEPA Method 8082A 5
Table 5. Surrogate Recoveries Outside Control Limits 5
Table 6. Surrogate Recovery Evaluation Criteria 6
Table 7. Summary of Field Duplicate Analysis 7
Table 8. Data Validation Checklist for Polychlorinated Biphenyls 7
Table 9. Overall Summary of Data Usability 9

Appendices

Appendix A Chain of Custody
Appendix B Annotated Sample Analysis Data Sheets

1 Summary

This attachment summarizes the data validation review of Sample Delivery Group (SDG) JE572 performed on behalf of the General Electric Company (GE) for waterfowl sampling activities conducted as part of the Baseline Monitoring at the GE-Pittsfield/Housatonic River Site. The review was conducted at Tier I level and included review of data package completeness. Field documentation was not included in this review. Included with this assessment are the chain-of-custody forms (Appendix A) and the validation annotated sample analysis data sheets (Appendix B). Analyses were performed on the samples listed in Table 1.

Table 1. Summary of Samples Subjected to Tier I Data Validation

Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis
					PCB
WOD-WPA-M-14	JE572-1	Solid	09/06/24		X
WOD-WPA-F-15	JE572-2	Solid	09/06/24		X
WOD-WPA-M-16	JE572-3	Solid	09/06/24		X
WOD-WPA-F-17	JE572-4	Solid	09/06/24		X
WOD-WPA-M-18	JE572-5	Solid	09/06/24		X
WOD-WPA-F-19	JE572-6	Solid	09/13/24		X
WOD-WPA-M-20	JE572-7	Solid	09/13/24		X
WOD-BBA-F-01	JE572-8	Solid	09/20/24		X
WOD-BBA-M-02	JE572-9	Solid	09/20/24		X
WOD-BBA-M-03	JE572-10	Solid	09/20/24		X
WOD-BBA-M-04	JE572-11	Solid	09/20/24		X
WOD-BBA-M-05	JE572-12	Solid	09/20/24		X
WOD-BBA-M-06	JE572-13	Solid	09/20/24		X
WOD-BBA-M-07	JE572-14	Solid	09/20/24		X
WOD-BBA-F-08	JE572-15	Solid	09/26/24		X
WOD-BBA-F-09	JE572-16	Solid	09/26/24		X
WOD-BBA-M-10	JE572-17	Solid	09/26/24		X
WOD-BBA-M-11	JE572-18	Solid	09/26/24		X
WOD-BBA-M-11-DUP	JE572-18R	Solid	09/26/24	WOD-BBA-M-11	X
WOD-BBA-M-12	JE572-19	Solid	09/26/24		X
WOD-BBA-M-13	JE572-20	Solid	09/26/24		X

Note:
PCB = Polychlorinated Biphenyls

1.1 Analytical Data Package Documentation

The table below is the evaluation of the data package completeness.

Table 2. Evaluation of Data Package Completeness

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

Note:
QA = Quality Assurance

1.2 Data Validation Procedures

Analyses were performed according to United States Environmental Protection Agency (EPA) USEPA Method 8082A. Data were reviewed in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan – GE-Pittsfield/Housatonic River Site (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, prepared by Arcadis (Revised December 21, 2023); and
- EPA Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (July 1996, revised December 1996) (EPA Region I Guidelines).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers:
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers:
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
  - JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
  - UB Compound considered non-detect at the listed value due to associated blank contamination.
  - N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
  - R The sample results are rejected.

Two facts should be noted by all data users. First, the “R” flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. “R” values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Section 7.5 of the revised FSP/QAPP states that all analytical data will be validated to a Tier I level following the procedures presented in the EPA Region I Guidelines. The Tier I review consisted of a completeness evidence audit, as outlined in the EPA Region I CSF Completeness Evidence Audit Program (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the EPA Region I Tier I data completeness requirements.

The analytical results described above were also subjected to a Tier II data review. The Tier II data review consisted of a review of data package summary forms for identification of quality assurance (QA)/QC deviations and qualification of the data according to the EPA Region I Guidelines. Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the number of sample analyses subject to Tier I and Tier II data review is presented in the following table.

Table 3. Summary of Sample Analyses Subjected to Tier I Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	20	1	0	0	0	0	21

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in EPA Region I Guidelines. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. The annotated sample analysis data sheets attached to this validation report (Appendix B) reflect any added data qualifiers.

2 Polychlorinated Biphenyl Aroclor Analyses

2.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 4. Holding Time for USEPA Method 8082A

Method	Matrix	Holding Time	Preservation
USEPA Method 8082A	Solid	One year from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria.

2.2 Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Compounds were not detected above the MDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

2.3 Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with labeled compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. Analysis requires isotope dilution compounds exhibit recoveries within the laboratory-established acceptance limits.

Samples associated with surrogates exhibiting recoveries outside of the control limits presented in the following table.

Table 5. Surrogate Recoveries Outside Control Limits

Sample ID	Surrogates	Recovery
WOD-BBA-M-06	Tetrachloro-m-xylene	> UL
	Decachlorobiphenyl	> UL

Note:
UL = Upper control limit

The criteria used to evaluate the surrogate recoveries are presented in the following table. In the case of a surrogate deviation, the sample results associated with the deviant fraction are qualified as documented in the table below.

Table 6. Surrogate Recovery Evaluation Criteria

Control Limit	Sample Result	Qualification
> UL	Non-detect	No Action
	Detect	J
< LL but > 10%	Non-detect	UJ
	Detect	J
< 10%	Non-detect	R
	Detect	J
D: Surrogates diluted below the calibration curve due to the high concentration of a target compounds	Non-detect	UJ[1]
	Detect	J[1]

Note:
[1] A more concentrated analysis was not performed with surrogate compounds within the calibration range; therefore, no determination of extraction efficiency could be made.

2.4 Matrix Spike/Matrix Spike Duplicate Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The RPD between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on samples where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD analysis performed on samples WOD-WPA-M-14 and WOD-BBA-M-11-DUP, exhibited acceptable recoveries and RPDs.

2.5 Laboratory Duplicate Analysis

The laboratory duplicate relative percent difference (RPD) criterion is applied when parent and duplicate sample concentrations are greater than or equal to 5 times the RL. A control limit of 30% for water matrices is applied when the criteria above is true. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the EML, a control limit of one time the RL is applied for water matrices.

The laboratory duplicate analysis was not performed on a sample from this SDG.

2.6 Laboratory Control Sample / Laboratory Control Sample Duplicate Analysis

The ongoing precision result laboratory control sample / laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the accuracy of the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS/LCSD analysis must exhibit a percent recovery and RPD within the laboratory-established acceptance limits.

All compounds associated with the LCS analysis exhibited recoveries within the control limits.

2.7 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In an instance when the parent and/or duplicate sample concentrations are less than or equal to five times the reporting limit, a control limit of two times the reporting limit is applied for water matrices.

Results for duplicate samples are summarized in the following table.

Table 7. Summary of Field Duplicate Analysis

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
WOD-BBA-M-11 / WOD-BBA-M-11-DUP	Aroclor 1260	844	757	10.9%

The calculated RPD between the parent sample and field duplicate were acceptable.

2.8 Compound Identification

The retention times of all quantitated peaks must fall within the calculated retention time windows for both the primary and confirmation columns. When dual column analysis is performed the relative percent difference (%RPD) of detected sample results must be less than 40%.

The dual column analysis exhibited an acceptable %RPD between columns.

2.9 System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

2.10 Data Validation Checklist for PCBs

Table 8. Data Validation Checklist for Polychlorinated Biphenyls

PCBs; EPA8082A	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
HIGH RESOLUTION GAS CHROMATOGRAPHY/HIGH RESOLUTION MASS SPECTROMETRY (HRGC/HRMS)					
Tier I Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blank	X				X
LCS %R		X		X	

PCBs; EPA8082A	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
LCS Duplicate (LCSD) %R	X				X
LCS/LCSD Precision (RPD)	X				X
Surrogates Recovery %R		X	X		
Matrix Spike (MS) %R		X		X	
Matrix Spike Duplicate (MSD) %R		X		X	
MS/MSD Precision (RPD)		X		X	
Field/Lab Duplicate (RPD)		X		X	
Labeled Standard Recovery %R		X		X	
Cleanup Compound %R		X		X	
Dual Column (RPD)		X		X	
Dilution Factor		X		X	
Moisture Content	X				X

Notes:
RPD = Relative percent difference
%D = Percent Deviation

3 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under Tier I data validation review. The percent usability calculation also includes quality control samples (i.e., field/equipment blanks, trip blanks, and field duplicates) to aid in the evaluation of data usability. Data usability is summarized in the following table.

Table 9. Overall Summary of Data Usability

Parameter	Percent Usability	Rejected Data
PCBs	100%	0

The data package completeness, as determined from the Tier I data review, was used to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses (discussed in this report) to provide a measure of compliance of the analytical data with the Data Quality Objectives specified in the FSP/QAPP.

VALIDATION PERFORMED BY: Bindu Sree M B

SIGNATURE:

DATE: March 10, 2025

PEER REVIEW: Andrew Korycinski

DATE: March 11, 2025

Appendix A

Chain of Custody

Eurofins Lancaster Laboratories Environme

Chain of Custody Record

CLOSH BT JE572

eurofins : Environment Testing

Client Information	Sampler: Thom McClenahan	Lab PM: Kuhl, Lynn	Carrier Tracking No(s): 9140335[illegible]3460	COC No:
Client Contact: Adam Ayers	Phone: 518-312-0940	E-Mail: Lynn.Kuhl@sgs.com	State of Origin: MA,CT	Page: Page 3 of 5
Company: ARCADIS U.S. Inc	PWSID:	Analysis Requested		Job #:
Address:	Due Date Requested:			Preservation Codes:
City:	TAT Requested (days):			A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Y - Trizma; Z - other (specify); Other:
State, Zip:				
Phone:	PO #: 222183446			
Email: Thomas.Ayers@Arcadis.com	WO #:			
Project Name: GE-Housatonic River	Project #: 30230743.3000			
Site: Housatonic River - MA and CT	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	PCB as Aroclors Method 8082A	Percent lipid content	Total Number of containers	Special Instructions/Note:
1 WOD-WPA-M-14	9/6/24		G	BT	X	X	1	
2 WOD-WPA-F-15	9/6/24		G	BT	X	X	1	
3 WOD-WPA-M-16	9/6/24		G	BT	X	X	1	
4 WOD-WPA-F-17	9/6/24		G	BT	X	X	1	
5 WOD-WPA-M-18	9/6/24		G	BT	X	X	1	
6 WOD-WPA-F-19	9/13/24		G	BT	X	X	1	
7 WOD-WPA-M-20	9/13/24		G	BT	X	X	1	
8 WOD-BBA-F-01	9/20/24		G	BT	X	X	1	
9 WOD-BBA-M-02	9/20/24		G	BT	X	X	1	
10 WOD-BBA-M-03	9/20/24		G	BT	X	X	1	

Initial Assessment 10-24

Label Verification

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) - **Type I (validation)**

Special Instructions/QC Requirements:
NOTE - samples selected for congener analysis (Method 1668C) will be identified at a later date.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FEDEX		
Relinquished by:	Date/Time: 10.9.24 1500	Company: ARCADIS	Received by:	Date/Time: 10/9/24 9:35	Company: SGS ILM
Relinquished by:	Date/Time: 11/13/24 16:00	Company: SGS ILM	Received by: FEDEX	Date/Time:	Company
Relinquished by: FEDEX	Date/Time: 11/14/24 1035	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.4 IR50

5.1 5

Eurofins Lancaster Laboratories Environme

Chain of Custody Record

C 10/4

JE572
eurofins | Environment Testing

Client Information	Sampler: Thom McClenahan	Lab PM: Kuhl, Lynn	Carrier Tracking No(s):	COC No:
Client Contact: Adam Ayers	Phone: 518-312-0940	E-Mail: Lynn.Kuhl@sgs.com	State of Origin: MA,CT	Page: Page 4 of 5
Company: ARCADIS U.S. Inc	PWSID:	Analysis Requested		Job #:
Address:	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:
City:	TAT Requested (days):			
State, Zip:				
Phone:	PO #: 222183446			
Email: Thomas.Ayers@Arcadis.com	WO #:			
Project Name: GE-Housatonic River	Project #: 30230743.3000			
Site: Housatonic River - MA and CT	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	PCB as Aroclors Method 8082A	Percent lipid content	Total Number of containers	Special Instructions/Note:
11	WOD-BBA-M-04	9/20/24		G	BT	X	X	1	
12	WOD-BBA-M-05	9/20/24		G	BT	X	X	1	
13	WOD-BBA-M-06	9/20/24		G	BT	X	X	1	
14	WOD-BBA-M-07	9/20/24		G	BT	X	X	1	
15	WOD-BBA-F-08	9/26/24		G	BT	X	X	1	
16	WOD-BBA-F-09	9/26/24		G	BT	X	X	1	
17	WOD-BBA-M-10	9/26/24		G	BT	X	X	1	
18	WOD-BBA-M-11	9/26/24		G	BT	X	X	1	
19	WOD-BBA-M-12	9/26/24		G	BT	X	X	1	
20	WOD-BBA-M-13	9/26/24		G	BT	X	X	1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) - **Type I (validation)**

Special Instructions/QC Requirements:
NOTE - samples selected for congener analysis (Method 1668C) will be identified at a later date.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FEDEX				
Relinquished by:	Date/Time: 10.9.24 1500	Company: ARCADIS	Received by:	Date/Time: 10/10/24 9:30	Company: JCI FLM
Relinquished by:	Date/Time: 10/11/24 16:00	Company	Received by: FEDEX	Date/Time: 11/14/24 10:35	Company
Relinquished by: FEDEX	Date/Time: 11/14/24 1035	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Appendix B

Annotated Sample Analysis Data Sheets

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-M-14		
Lab Sample ID:	JE572-1	**Date Sampled:**	09/06/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29672.D	1	11/21/24 00:55	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.5	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.7	ug/kg	
11141-16-5	Aroclor 1232	ND	20	17	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.3	ug/kg	
11097-69-1	Aroclor 1254	ND	20	2.2	ug/kg	
11096-82-5	Aroclor 1260	738	20	6.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	100%		35-154%
877-09-8	Tetrachloro-m-xylene	108%		35-154%
2051-24-3	Decachlorobiphenyl	96%		24-176%
2051-24-3	Decachlorobiphenyl	96%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-F-15		
Lab Sample ID:	JE572-2	**Date Sampled:**	09/06/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29673.D	1	11/21/24 01:18	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	18	7.7	ug/kg	
11104-28-2	Aroclor 1221	ND	18	6.1	ug/kg	
11141-16-5	Aroclor 1232	ND	18	15	ug/kg	
53469-21-9	Aroclor 1242	ND	18	11	ug/kg	
12672-29-6	Aroclor 1248	ND	18	3.9	ug/kg	
11097-69-1	Aroclor 1254	ND	18	2.0	ug/kg	
11096-82-5	Aroclor 1260	544	18	6.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	100%		35-154%
877-09-8	Tetrachloro-m-xylene	105%		35-154%
2051-24-3	Decachlorobiphenyl	88%		24-176%
2051-24-3	Decachlorobiphenyl	91%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-M-16		
Lab Sample ID:	JE572-3	**Date Sampled:**	09/06/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29674.D	1	11/21/24 01:40	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.3	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.6	ug/kg	
11141-16-5	Aroclor 1232	ND	20	16	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.2	ug/kg	
11097-69-1	Aroclor 1254	ND	20	2.1	ug/kg	
11096-82-5	Aroclor 1260	1930	20	6.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	100%		35-154%
877-09-8	Tetrachloro-m-xylene	108%		35-154%
2051-24-3	Decachlorobiphenyl	92%		24-176%
2051-24-3	Decachlorobiphenyl	99%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-F-17		
Lab Sample ID:	JE572-4	**Date Sampled:**	09/06/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29675.D	1	11/21/24 02:03	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.5	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.7	ug/kg	
11141-16-5	Aroclor 1232	ND	20	17	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.3	ug/kg	
11097-69-1	Aroclor 1254	ND	20	2.2	ug/kg	
11096-82-5	Aroclor 1260	1350	20	6.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	99%		35-154%
877-09-8	Tetrachloro-m-xylene	108%		35-154%
2051-24-3	Decachlorobiphenyl	96%		24-176%
2051-24-3	Decachlorobiphenyl	98%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-M-18		
Lab Sample ID:	JE572-5	**Date Sampled:**	09/06/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29676.D	1	11/21/24 02:26	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.3	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.6	ug/kg	
11141-16-5	Aroclor 1232	ND	20	16	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.2	ug/kg	
11097-69-1	Aroclor 1254	ND	20	2.1	ug/kg	
11096-82-5	Aroclor 1260	1530	20	6.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	99%		35-154%
877-09-8	Tetrachloro-m-xylene	106%		35-154%
2051-24-3	Decachlorobiphenyl	96%		24-176%
2051-24-3	Decachlorobiphenyl	96%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-F-19		
Lab Sample ID:	JE572-6	**Date Sampled:**	09/13/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29677.D	1	11/21/24 02:48	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.3	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.6	ug/kg	
11141-16-5	Aroclor 1232	ND	20	16	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.2	ug/kg	
11097-69-1	Aroclor 1254	ND	20	2.1	ug/kg	
11096-82-5	Aroclor 1260	1540	20	6.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	100%		35-154%
877-09-8	Tetrachloro-m-xylene	108%		35-154%
2051-24-3	Decachlorobiphenyl	98%		24-176%
2051-24-3	Decachlorobiphenyl	100%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-WPA-M-20		
Lab Sample ID:	JE572-7	**Date Sampled:**	09/13/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29678.D	1	11/21/24 03:11	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.5	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.7	ug/kg	
11141-16-5	Aroclor 1232	ND	20	17	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.3	ug/kg	
11097-69-1	Aroclor 1254	ND	20	2.2	ug/kg	
11096-82-5	Aroclor 1260	2210	20	6.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	98%		35-154%
877-09-8	Tetrachloro-m-xylene	105%		35-154%
2051-24-3	Decachlorobiphenyl	96%		24-176%
2051-24-3	Decachlorobiphenyl	102%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-BBA-F-01		
Lab Sample ID:	JE572-8	**Date Sampled:**	09/20/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29679.D	1	11/21/24 03:34	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.3	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.6	ug/kg	
11141-16-5	Aroclor 1232	ND	20	16	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.2	ug/kg	
11097-69-1	Aroclor 1254	ND	20	2.1	ug/kg	
11096-82-5	Aroclor 1260	98.6	20	6.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	101%		35-154%
877-09-8	Tetrachloro-m-xylene	109%		35-154%
2051-24-3	Decachlorobiphenyl	95%		24-176%
2051-24-3	Decachlorobiphenyl	97%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-BBA-M-02		
Lab Sample ID:	JE572-9	**Date Sampled:**	09/20/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29680.D	1	11/21/24 03:56	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	19	8.0	ug/kg	
11104-28-2	Aroclor 1221	ND	19	6.3	ug/kg	
11141-16-5	Aroclor 1232	ND	19	16	ug/kg	
53469-21-9	Aroclor 1242	ND	19	11	ug/kg	
12672-29-6	Aroclor 1248	ND	19	4.1	ug/kg	
11097-69-1	Aroclor 1254	ND	19	2.0	ug/kg	
11096-82-5	Aroclor 1260	14.6	19	6.5	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	99%		35-154%
877-09-8	Tetrachloro-m-xylene	107%		35-154%
2051-24-3	Decachlorobiphenyl	92%		24-176%
2051-24-3	Decachlorobiphenyl	100%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-BBA-M-03		
Lab Sample ID:	JE572-10	**Date Sampled:**	09/20/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29681.D	1	11/21/24 04:19	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	19	8.0	ug/kg	
11104-28-2	Aroclor 1221	ND	19	6.3	ug/kg	
11141-16-5	Aroclor 1232	ND	19	16	ug/kg	
53469-21-9	Aroclor 1242	ND	19	11	ug/kg	
12672-29-6	Aroclor 1248	ND	19	4.1	ug/kg	
11097-69-1	Aroclor 1254	ND	19	2.0	ug/kg	
11096-82-5	Aroclor 1260	289	19	6.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	100%		35-154%
877-09-8	Tetrachloro-m-xylene	108%		35-154%
2051-24-3	Decachlorobiphenyl	95%		24-176%
2051-24-3	Decachlorobiphenyl	100%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-BBA-M-04		
Lab Sample ID:	JE572-11	**Date Sampled:**	09/20/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29682.D	1	11/21/24 04:42	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	19	8.2	ug/kg	
11104-28-2	Aroclor 1221	ND	19	6.5	ug/kg	
11141-16-5	Aroclor 1232	ND	19	16	ug/kg	
53469-21-9	Aroclor 1242	ND	19	12	ug/kg	
12672-29-6	Aroclor 1248	ND	19	4.2	ug/kg	
11097-69-1	Aroclor 1254	ND	19	2.1	ug/kg	
11096-82-5	Aroclor 1260	419	19	6.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	100%		35-154%
877-09-8	Tetrachloro-m-xylene	108%		35-154%
2051-24-3	Decachlorobiphenyl	95%		24-176%
2051-24-3	Decachlorobiphenyl	99%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-BBA-M-05		
Lab Sample ID:	JE572-12	**Date Sampled:**	09/20/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29683.D	1	11/21/24 05:05	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.5	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.7	ug/kg	
11141-16-5	Aroclor 1232	ND	20	17	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.3	ug/kg	
11097-69-1	Aroclor 1254	ND	20	2.2	ug/kg	
11096-82-5	Aroclor 1260	97.9	20	6.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	99%		35-154%
877-09-8	Tetrachloro-m-xylene	105%		35-154%
2051-24-3	Decachlorobiphenyl	91%		24-176%
2051-24-3	Decachlorobiphenyl	96%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-BBA-M-06		
Lab Sample ID:	JE572-13	**Date Sampled:**	09/20/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29684.D	1	11/21/24 05:28	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.5	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.7	ug/kg	
11141-16-5	Aroclor 1232	ND	20	17	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.3	ug/kg	
11097-69-1	Aroclor 1254	ND	20	2.2	ug/kg	
11096-82-5	Aroclor 1260	79.4 J	20	6.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	208% [a]		35-154%
877-09-8	Tetrachloro-m-xylene	229% [a]		35-154%
2051-24-3	Decachlorobiphenyl	177% [a]		24-176%
2051-24-3	Decachlorobiphenyl	188% [a]		24-176%

(a) Outside of in house control limits.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-BBA-M-07		
Lab Sample ID:	JE572-14	**Date Sampled:**	09/20/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29685.D	1	11/21/24 05:51	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.5	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.7	ug/kg	
11141-16-5	Aroclor 1232	ND	20	17	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.3	ug/kg	
11097-69-1	Aroclor 1254	ND	20	2.2	ug/kg	
11096-82-5	Aroclor 1260	355	20	6.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	98%		35-154%
877-09-8	Tetrachloro-m-xylene	107%		35-154%
2051-24-3	Decachlorobiphenyl	93%		24-176%
2051-24-3	Decachlorobiphenyl	100%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-BBA-F-08		
Lab Sample ID:	JE572-15	**Date Sampled:**	09/26/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29686.D	1	11/21/24 06:14	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.3	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.6	ug/kg	
11141-16-5	Aroclor 1232	ND	20	16	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.2	ug/kg	
11097-69-1	Aroclor 1254	ND	20	2.1	ug/kg	
11096-82-5	Aroclor 1260	117	20	6.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	101%		35-154%
877-09-8	Tetrachloro-m-xylene	108%		35-154%
2051-24-3	Decachlorobiphenyl	96%		24-176%
2051-24-3	Decachlorobiphenyl	99%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-BBA-F-09		
Lab Sample ID:	JE572-16	**Date Sampled:**	09/26/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29687.D	1	11/21/24 06:37	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	18	7.7	ug/kg	
11104-28-2	Aroclor 1221	ND	18	6.1	ug/kg	
11141-16-5	Aroclor 1232	ND	18	15	ug/kg	
53469-21-9	Aroclor 1242	ND	18	11	ug/kg	
12672-29-6	Aroclor 1248	ND	18	3.9	ug/kg	
11097-69-1	Aroclor 1254	ND	18	2.0	ug/kg	
11096-82-5	Aroclor 1260	158	18	6.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	102%		35-154%
877-09-8	Tetrachloro-m-xylene	109%		35-154%
2051-24-3	Decachlorobiphenyl	94%		24-176%
2051-24-3	Decachlorobiphenyl	98%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-BBA-M-10		
Lab Sample ID:	JE572-17	**Date Sampled:**	09/26/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29688.D	1	11/21/24 07:00	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	19	8.2	ug/kg	
11104-28-2	Aroclor 1221	ND	19	6.5	ug/kg	
11141-16-5	Aroclor 1232	ND	19	16	ug/kg	
53469-21-9	Aroclor 1242	ND	19	12	ug/kg	
12672-29-6	Aroclor 1248	ND	19	4.2	ug/kg	
11097-69-1	Aroclor 1254	ND	19	2.1	ug/kg	
11096-82-5	Aroclor 1260	17.0	19	6.6	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	98%		35-154%
877-09-8	Tetrachloro-m-xylene	106%		35-154%
2051-24-3	Decachlorobiphenyl	94%		24-176%
2051-24-3	Decachlorobiphenyl	98%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-BBA-M-11		
Lab Sample ID:	JE572-18	**Date Sampled:**	09/26/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29689.D	1	11/21/24 07:23	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.3	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.6	ug/kg	
11141-16-5	Aroclor 1232	ND	20	16	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.2	ug/kg	
11097-69-1	Aroclor 1254	ND	20	2.1	ug/kg	
11096-82-5	Aroclor 1260	844	20	6.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	98%		35-154%
877-09-8	Tetrachloro-m-xylene	107%		35-154%
2051-24-3	Decachlorobiphenyl	97%		24-176%
2051-24-3	Decachlorobiphenyl	102%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-BBA-M-12		
Lab Sample ID:	JE572-19	**Date Sampled:**	09/26/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29690.D	1	11/21/24 07:46	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	20	8.3	ug/kg	
11104-28-2	Aroclor 1221	ND	20	6.6	ug/kg	
11141-16-5	Aroclor 1232	ND	20	16	ug/kg	
53469-21-9	Aroclor 1242	ND	20	12	ug/kg	
12672-29-6	Aroclor 1248	ND	20	4.2	ug/kg	
11097-69-1	Aroclor 1254	ND	20	2.1	ug/kg	
11096-82-5	Aroclor 1260	237	20	6.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	98%		35-154%
877-09-8	Tetrachloro-m-xylene	105%		35-154%
2051-24-3	Decachlorobiphenyl	92%		24-176%
2051-24-3	Decachlorobiphenyl	99%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	WOD-BBA-M-13		
Lab Sample ID:	JE572-20	**Date Sampled:**	09/26/24
Matrix:	SO - Animal Tissue	**Date Received:**	11/13/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	n/a
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM29691.D	1	11/21/24 08:09	MLC	11/20/24 16:00	OP59440	GRM705
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	19	8.2	ug/kg	
11104-28-2	Aroclor 1221	ND	19	6.5	ug/kg	
11141-16-5	Aroclor 1232	ND	19	16	ug/kg	
53469-21-9	Aroclor 1242	ND	19	12	ug/kg	
12672-29-6	Aroclor 1248	ND	19	4.2	ug/kg	
11097-69-1	Aroclor 1254	ND	19	2.1	ug/kg	
11096-82-5	Aroclor 1260	43.5	19	6.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	101%		35-154%
877-09-8	Tetrachloro-m-xylene	108%		35-154%
2051-24-3	Decachlorobiphenyl	96%		24-176%
2051-24-3	Decachlorobiphenyl	96%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Arcadis U.S., Inc.
One Lincoln Center, 110 West Fayette Street, Suite 300
Syracuse
New York 13202
Phone: 315 446 9120
Fax: 315 449 0017
www.arcadis.com

General Electric Company

Data Validation Report

Baseline Waterfowl Monitoring
Housatonic River – Rest of River
Pittsfield, Massachusetts

Polychlorinated Biphenyl (PCB) Analyses

SDG # JD98142

Tier I and II Level Data Review

Analyses Performed By:
SGS Laboratory
Dayton, New Jersey

Report # 58243R
Project: 30289690, Task 0001

Table of Contents

1 Summary 1
1.1 Analytical Data Package Documentation 1
1.2 Data Validation Procedures 2
2 Polychlorinated Biphenyl Aroclor Analyses 4
2.1 Holding Times 4
2.2 Blank Contamination 4
2.3 System Performance 4
2.4 Calibration 4
2.4.1 Initial Calibration 4
2.4.2 Continuing Calibration 5
2.5 Surrogates/System Monitoring Compounds 5
2.6 Matrix Spike/Matrix Spike Duplicate Analysis 5
2.7 Laboratory Duplicate Analysis 5
2.8 Laboratory Control Sample / Laboratory Control Sample Duplicate Analysis 5
2.9 Field Duplicate Analysis 6
2.10 Compound Identification 6
2.11 System Performance and Overall Assessment 6
2.12 Data Validation Checklist for PCB Congeners 6
3 Overall Data Usability 8

Tables

Table 1. Summary of Samples Subjected to Tier I and Tier II Data Validation 1
Table 2. Evaluation of Data Package Completeness 1
Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation 3
Table 4. Holding Time for USEPA Method 8082A 4
Table 5. Data Validation Checklist for Polychlorinated Biphenyls 6
Table 6. Overall Summary of Data Usability 8

Appendices

Appendix A Chain of Custody
Appendix B Annotated Sample Analysis Data Sheets

1 Summary

This attachment summarizes the data validation review of Sample Delivery Group (SDG) JD98142 performed on behalf of the General Electric Company (GE) for waterfowl sampling activities conducted as part of the Baseline Monitoring at the GE-Pittsfield/Housatonic River Site. The review was conducted at Tier I and Tier II levels and included review of data package completeness. Field documentation was not included in this review. Included with this assessment are the chain-of-custody forms (Appendix A) and the validation annotated sample analysis data sheets (Appendix B). Analyses were performed on the samples listed in Table 1.

Table 1. Summary of Samples Subjected to Tier I and Tier II Data Validation

Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis
					PCB
CRACKED CORN BAG 1	JD98142-1	Soil	08/21/2024		X
CRACKED CORN BAG 6	JD98142-2	Soil	08/28/2024		X
CRACKED CORN BAG 11	JD98142-3	Soil	09/06/2024		X
CRACKED CORN BAG 16	JD98142-4	Soil	09/18/2024		X
CRACKED CORN BAG 17	JD98142-5	Soil	09/19/2024		X

Note:
PCB = Polychlorinated Biphenyls

1.1 Analytical Data Package Documentation

The table below is the evaluation of the data package completeness.

Table 2. Evaluation of Data Package Completeness

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

Note:
QA = Quality Assurance

1.2 Data Validation Procedures

Analyses were performed according to United States Environmental Protection Agency (EPA) USEPA Method 8082A. Data were reviewed in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan – GE-Pittsfield/Housatonic River Site (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, prepared by Arcadis (Revised December 21, 2023); and
- EPA Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (July 1996, revised December 1996) (EPA Region I Guidelines).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers:
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers:
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
  - JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
  - UB Compound considered non-detect at the listed value due to associated blank contamination.
  - N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
  - R The sample results are rejected.

Two facts should be noted by all data users. First, the “R” flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. “R” values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if

it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Section 7.5 of the revised FSP/QAPP states that all analytical data will be validated to a Tier I level following the procedures presented in the EPA Region I Guidelines. The Tier I review consisted of a completeness evidence audit, as outlined in the EPA Region I CSF Completeness Evidence Audit Program (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the EPA Region I Tier I data completeness requirements.

The analytical results described above were also subjected to a Tier II data review. The Tier II data review consisted of a review of data package summary forms for identification of quality assurance (QA)/QC deviations and qualification of the data according to the EPA Region I Guidelines. Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the number of sample analyses subject to Tier I and Tier II data review is presented in the following table.

Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	0	0	0	5	0	0	5

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in EPA Region I Guidelines. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. The annotated sample analysis data sheets attached to this validation report (Appendix B) reflect any added data qualifiers.

2 Polychlorinated Biphenyl Aroclor Analyses

2.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 4. Holding Time for USEPA Method 8082A

Method	Matrix	Holding Time	Preservation
USEPA Method 8082A	Solid	One year from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria.

2.2 Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Compounds were not detected above the MDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

2.3 System Performance

System performance and column resolution were acceptable.

2.4 Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

2.4.1 Initial Calibration

A maximum RSD of 20% is allowed or a correlation coefficient greater than 0.99. Multiple-point calibrations were performed for Aroclor 1016 and 1260 only. Single-point calibrations were performed for the remaining Aroclors. The initial calibration standard must exhibit a percent difference (%D) less than the control limit (20%).

2.4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (15%).

All compounds associated with the calibrations were within the specified control limits.

2.5 Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with labeled compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. Analysis requires isotope dilution compounds exhibit recoveries within the laboratory-established acceptance limits.

All Aroclors associated with the labeled compound analysis exhibited recoveries within the control limits.

2.6 Matrix Spike/Matrix Spike Duplicate Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The RPD between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on samples where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD analysis performed on sample CRACKED CORN BAG 1, exhibited acceptable recoveries and RPDs.

2.7 Laboratory Duplicate Analysis

The laboratory duplicate relative percent difference (RPD) criterion is applied when parent and duplicate sample concentrations are greater than or equal to 5 times the reporting limit (RL). A control limit of 30% for water matrices is applied when the criteria above is true. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of one time the RL is applied for water matrices.

The laboratory duplicate analysis was not performed on a sample from this SDG.

2.8 Laboratory Control Sample / Laboratory Control Sample Duplicate Analysis

The ongoing precision result laboratory control sample / laboratory control sample duplicate (LCS/LCSD) analysis is used to assess the accuracy of the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS/LCSD analysis must exhibit a percent recovery and RPD within the laboratory-established acceptance limits.

All compounds associated with the LCS analysis exhibited recoveries within the control limits.

2.9 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In an instance when the parent and/or duplicate sample concentrations are less than or equal to five times the EML, a control limit of two times the RL is applied for water matrices.

A field duplicate sample was not collected for samples from this SDG.

2.10 Compound Identification

The retention times of all quantitated peaks must fall within the calculated retention time windows for both the primary and confirmation columns. When dual column analysis is performed the relative percent difference (%RPD) of detected sample results must be less than 40%.

The dual column analysis exhibited an acceptable %RPD between columns.

2.11 System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

2.12 Data Validation Checklist for PCB Congeners

Table 5. Data Validation Checklist for Polychlorinated Biphenyls

PCBs; EPA8082A	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
HIGH RESOLUTION GAS CHROMATOGRAPHY/HIGH RESOLUTION MASS SPECTROMETRY (HRGC/HRMS)					
Tier I Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blank	X				X
LCS %R		X		X	
LCS Duplicate (LCSD) %R	X				X
LCS/LCSD Precision (RPD)	X				X
Matrix Spike (MS) %R		X		X	
Matrix Spike Duplicate (MSD) %R		X		X	
MS/MSD Precision (RPD)		X		X	
Field/Lab Duplicate (RPD)	X				X

PCBs; EPA8082A	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Labeled Standard Recovery %R		X		X	
Cleanup Compound %R		X		X	
Dual Column (RPD)		X		X	
Dilution Factor		X		X	
Moisture Content	X				X
Tier II Validation					
Initial calibration %RSDs		X		X	
Continuing calibration %Ds		X		X	
Internal standard		X		X	
Instrument tune and performance check		X		X	
Ion abundance criteria for each instrument used		X		X	
System performance and column resolution		X		X	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		X		X	
B. Quantitation Reports		X		X	
C. RT of sample compounds within the established RT windows		X		X	
D. Transcription/calculation errors present		X		X	
E. Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%RSD = Relative standard deviation
RPD = Relative percent difference
%D = Percent Deviation
%R = Percent recovery

3 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under both the Tier I/II data validation reviews. The percent usability calculation also includes quality control samples (i.e., field/equipment blanks, trip blanks, and field duplicates) to aid in the evaluation of data usability. Data usability is summarized in the following table.

Table 6. Overall Summary of Data Usability

Parameter	Percent Usability	Rejected Data
PCBs	100%	0

The data package completeness, as determined from the Tier I data review, was used in combination with the data quality deviations identified during the Tier II data review to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I and Tier II data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses (discussed in this report) to provide a measure of compliance of the analytical data with the Data Quality Objectives specified in the FSP/QAPP.

VALIDATION PERFORMED BY: Bindu Sree M B

SIGNATURE:

DATE: March 10, 2025

PEER REVIEW: Andrew Korycinski

DATE: March 11, 2025

Appendix A

Chain of Custody

Eurofins Lancaster Laboratories Environme

NC

Chain of Custody Record

JD98142

eurofins | Environment Testing

Client Information	Sampler: Thom McClenahan	Lab PM: Kuhl, Lynn	Carrier Tracking No(s):	COC No:
Client Contact: Adam Ayers	Phone: 518-312-0940	E-Mail: Lynn.Kuhl@sgs.com	State of Origin: MA,CT	Page: Page 5 of 5
Company: ARCADIS U.S. Inc	PWSID:	Analysis Requested		Job #:
Address:	Due Date Requested:			
City:	TAT Requested (days):			
State, Zip:				
Phone:	PO #: 222183446			
Email: Thomas.Ayers@Arcadis.com	WO #:			
Project Name: GE-Housatonic River	Project #: 30230743.3000			
Site: Housatonic River - MA and CT	SSOW#:			

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	PCB as Aroclors Method 8082A	Percent lipid content	Total Number of containers	Special Instructions/Note:
1	Cracked Corn Bag 1	8/21/24		G	S	X		1	
2	Cracked Corn Bag 6	8/28/24		G	S	X		1	
3	Cracked Corn Bag 11	9/6/24		G	S	X		1	
4	Cracked Corn Bag 16	9/18/24		G	S	X		1	
5	Cracked Corn Bag 17	9/19/24		G	S	X		1	

Initial Assessment BL 1B
Label Verification

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) - **Type I (validation)**

Special Instructions/QC Requirements:
NOTE - samples selected for congener analysis (Method 1668C) will be identified at a later date.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FedEx 4140 3350 9077				
Relinquished by:	Date/Time: 10.9.24 1500	Company: ARCADIS	Received by:	Date/Time: 10/11/24 9:15 am	Company: SGSLM
Relinquished by:	Date/Time: 10/11/24 16:00	Company	Received by: Fedex	Date/Time:	Company
Relinquished by: Fedex	Date/Time: 10/12/24 10:16	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.0°C IR50

Appendix B

Annotated Sample Analysis Data Sheets

SGS North America Inc.

Report of Analysis

Client Sample ID:	CRACKED CORN BAG 1		
Lab Sample ID:	JD98142-1	**Date Sampled:**	08/21/24
Matrix:	SO - Soil	**Date Received:**	10/11/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	84.4
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM28511.D	1	10/16/24 23:03	MLC	10/16/24 10:40	OP58551	GRM669
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	24	10	ug/kg	
11104-28-2	Aroclor 1221	ND	24	8.0	ug/kg	
11141-16-5	Aroclor 1232	ND	24	20	ug/kg	
53469-21-9	Aroclor 1242	ND	24	14	ug/kg	
12672-29-6	Aroclor 1248	ND	24	5.1	ug/kg	
11097-69-1	Aroclor 1254	ND	24	2.6	ug/kg	
11096-82-5	Aroclor 1260	ND	24	8.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		35-154%
877-09-8	Tetrachloro-m-xylene	82%		35-154%
2051-24-3	Decachlorobiphenyl	82%		24-176%
2051-24-3	Decachlorobiphenyl	86%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	CRACKED CORN BAG 6		
Lab Sample ID:	JD98142-2	**Date Sampled:**	08/28/24
Matrix:	SO - Soil	**Date Received:**	10/11/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	86.3
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM28512.D	1	10/16/24 23:26	MLC	10/16/24 10:40	OP58551	GRM669
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	23	9.7	ug/kg	
11104-28-2	Aroclor 1221	ND	23	7.6	ug/kg	
11141-16-5	Aroclor 1232	ND	23	19	ug/kg	
53469-21-9	Aroclor 1242	ND	23	14	ug/kg	
12672-29-6	Aroclor 1248	ND	23	4.9	ug/kg	
11097-69-1	Aroclor 1254	ND	23	2.5	ug/kg	
11096-82-5	Aroclor 1260	ND	23	7.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	83%		35-154%
877-09-8	Tetrachloro-m-xylene	80%		35-154%
2051-24-3	Decachlorobiphenyl	82%		24-176%
2051-24-3	Decachlorobiphenyl	85%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	CRACKED CORN BAG 11		
Lab Sample ID:	JD98142-3	**Date Sampled:**	09/06/24
Matrix:	SO - Soil	**Date Received:**	10/11/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	83.2
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM28513.D	1	10/16/24 23:50	MLC	10/16/24 10:40	OP58551	GRM669
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	24	10	ug/kg	
11104-28-2	Aroclor 1221	ND	24	8.1	ug/kg	
11141-16-5	Aroclor 1232	ND	24	20	ug/kg	
53469-21-9	Aroclor 1242	ND	24	14	ug/kg	
12672-29-6	Aroclor 1248	ND	24	5.2	ug/kg	
11097-69-1	Aroclor 1254	ND	24	2.6	ug/kg	
11096-82-5	Aroclor 1260	ND	24	8.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	80%		35-154%
877-09-8	Tetrachloro-m-xylene	78%		35-154%
2051-24-3	Decachlorobiphenyl	79%		24-176%
2051-24-3	Decachlorobiphenyl	83%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	CRACKED CORN BAG 16		
Lab Sample ID:	JD98142-4	**Date Sampled:**	09/18/24
Matrix:	SO - Soil	**Date Received:**	10/11/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	86.2
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM28514.D	1	10/17/24 00:14	MLC	10/16/24 10:40	OP58551	GRM669
Run #2							

	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	22	9.5	ug/kg	
11104-28-2	Aroclor 1221	ND	22	7.5	ug/kg	
11141-16-5	Aroclor 1232	ND	22	19	ug/kg	
53469-21-9	Aroclor 1242	ND	22	13	ug/kg	
12672-29-6	Aroclor 1248	ND	22	4.8	ug/kg	
11097-69-1	Aroclor 1254	ND	22	2.4	ug/kg	
11096-82-5	Aroclor 1260	ND	22	7.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		35-154%
877-09-8	Tetrachloro-m-xylene	81%		35-154%
2051-24-3	Decachlorobiphenyl	83%		24-176%
2051-24-3	Decachlorobiphenyl	88%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	CRACKED CORN BAG 17		
Lab Sample ID:	JD98142-5	**Date Sampled:**	09/19/24
Matrix:	SO - Soil	**Date Received:**	10/11/24
Method:	SW846 8082A SW846 3570	**Percent Solids:**	86.2
Project:	GE-Housatonic River		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RM28515.D	1	10/17/24 00:38	MLC	10/16/24 10:40	OP58551	GRM669
Run #2							

	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	23	9.7	ug/kg	
11104-28-2	Aroclor 1221	ND	23	7.6	ug/kg	
11141-16-5	Aroclor 1232	ND	23	19	ug/kg	
53469-21-9	Aroclor 1242	ND	23	14	ug/kg	
12672-29-6	Aroclor 1248	ND	23	4.9	ug/kg	
11097-69-1	Aroclor 1254	ND	23	2.5	ug/kg	
11096-82-5	Aroclor 1260	ND	23	7.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	85%		35-154%
877-09-8	Tetrachloro-m-xylene	84%		35-154%
2051-24-3	Decachlorobiphenyl	85%		24-176%
2051-24-3	Decachlorobiphenyl	87%		24-176%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Arcadis U.S., Inc.
One Lincoln Center, 110 West Fayette Street, Suite 300
Syracuse
New York 13202
Phone: 315 446 9120
Fax: 315 449 0017
www.arcadis.com

General Electric Company

Data Validation Report

Baseline Waterfowl Sampling
Housatonic River – Rest of River
Pittsfield, Massachusetts

Polychlorinated Biphenyl (PCB) Congeners

SDG # C1489

Tier I and II Level Data Review

Analyses Performed By:
SGS North America
Wilmington, North Carolina

Report # 61418R
Project: 30289690, Task 0001

Table of Contents

1 Summary 1
1.1 Analytical Data Package Documentation 1
1.2 Data Validation Procedures 2
2 Polychlorinated Biphenyl Congener Analyses 4
2.1 Holding Times 4
2.2 Blank Contamination 4
2.3 System Performance 5
2.4 Calibration 5
2.4.1 Initial Calibration 5
2.4.2 Continuing Calibration 5
2.5 Surrogates/System Monitoring Compounds 5
2.6 Matrix Spike/Matrix Spike Duplicate Analysis 6
2.7 Laboratory Duplicate Analysis 7
2.8 Ongoing Precision Result (OPR) / Laboratory Control Sample 7
2.9 Field Duplicate Analysis 7
2.10 Compound Identification 7
2.11 System Performance and Overall Assessment 8
2.12 Data Validation Checklist for PCB Congeners 8
3 Overall Data Usability 10

Tables

Table 1. Summary of Samples Subjected to Tier I and Tier II Data Validation 1
Table 2. Evaluation of Data Package Completeness 1
Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation 3
Table 4. Holding Time for USEPA Method 1668C 4
Table 5. Summary of Blank Contamination Qualifications 4
Table 6. Surrogate Recoveries Outside Control Limits 6
Table 7. Surrogate Recovery Evaluation Criteria 6
Table 8. Data Validation Checklist for Polychlorinated Biphenyls 8
Table 9. Overall Summary of Data Usability 10

Appendices

Appendix A **Chain of Custody**

Appendix B **Annotated Sample Analysis Data Sheets**

1 Summary

This attachment summarizes the data validation review of Sample Delivery Group (SDG) C1489 performed on behalf of the General Electric Company (GE) for waterfowl sampling activities conducted as part of the Baseline Monitoring at the GE-Pittsfield/Housatonic River Site. The review was conducted at Tier I and Tier II levels and included review of data package completeness. Field documentation was not included in this review. Included with this assessment are the chain-of-custody forms (Appendix A) and the validation annotated sample analysis data sheets (Appendix B). Analyses were performed on the samples listed in Table 1.

Table 1. Summary of Samples Subjected to Tier I and Tier II Data Validation

SDG	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis	
						PCB	TSS
C1489	MAL-WPA-M-01	C1489_21993_PCB_001	Tissue	8/28/2024		X	
	MAL-WPA-F-05	C1489_21993_PCB_002	Tissue	8/29/2024		X	
	MAL-WPA-F-06	C1489_21993_PCB_003	Tissue	8/29/2024		X	
	MAL-WPA-M-07	C1489_21993_PCB_004	Tissue	8/29/2024		X	
	WOD-WPA-F-08	C1489_21993_PCB_005	Tissue	9/3/2024		X	
	WOD-WPA-M-10	C1489_21993_PCB_006	Tissue	9/3/2024		X	
	WOD-WPA-M-13	C1489_21993_PCB_007	Tissue	9/3/2024		X	
	WOD-WPA-F-15	C1489_21993_PCB_008	Tissue	9/6/2024		X	
	WOD-BBA-F-01	C1489_21993_PCB_009	Tissue	9/20/2024		X	
	WOD-BBA-M-02	C1489_21993_PCB_010	Tissue	9/20/2024		X	
	WOD-BBA-M-03	C1489_21993_PCB_011	Tissue	9/20/2024		X	
	WOD-BBA-F-09	C1489_21993_PCB_012	Tissue	9/26/2024		X	

Note:
PCB = Polychlorinated Biphenyl Congeners

1.1 Analytical Data Package Documentation

The table below is the evaluation of the data package completeness.

Table 2. Evaluation of Data Package Completeness

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

Note:
QA = Quality Assurance

1.2 Data Validation Procedures

Analyses were performed according to United States Environmental Protection Agency (EPA) USEPA Method 1668C. Data were reviewed in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan – GE-Pittsfield/Housatonic River Site (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, prepared by Arcadis (Revised December 21, 2023);
- EPA Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (July 1996, revised December 1996) (EPA Region I Guidelines);
- EPA National Functional Guidelines for High Resolution Superfund Methods Data Review OLEM 9240.1-65EPA, 542-R-20-007 (November 2020); and
- Second Revised Baseline Monitoring Plan, Housatonic River – Rest of River, General Electric Company, Pittsfield, Massachusetts, prepared by Anchor QEA (January 2023).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers:
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.

- Validation Qualifiers:
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
  - JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
  - UB Compound considered non-detect at the listed value due to associated blank contamination.
  - N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
  - R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Section 7.5 of the revised FSP/QAPP states that all analytical data will be validated to a Tier I level following the procedures presented in the EPA Region I Guidelines. The Tier I review consisted of a completeness evidence audit, as outlined in the EPA Region I CSF Completeness Evidence Audit Program (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the EPA Region I Tier I data completeness requirements.

The analytical results described above were also subjected to a Tier II data review. The Tier II data review consisted of a review of data package summary forms for identification of quality assurance (QA)/QC deviations and qualification of the data according to the EPA Region I Guidelines. Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the number of sample analyses subject to Tier I and Tier II data review is presented in the following table.

Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	0	0	0	12	0	0	12

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in EPA Region I Guidelines. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. The annotated sample analysis data sheets attached to this validation report (Appendix B) reflect any added data qualifiers.

2 Polychlorinated Biphenyl Congener Analyses

2.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 4. Holding Time for USEPA Method 1668C

Method	Matrix	Holding Time	Preservation
USEPA Method 1668C	Tissue	One year (frozen) from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria.

2.2 Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

All compounds associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the compounds listed in the following table. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Table 5. Summary of Blank Contamination Qualifications

Sample ID	Compounds	Blank	Sample Result	Qualification
MAL-WPA-F-05 MAL-WPA-F-06 WOD-WPA-F-08 WOD-WPA-M-10 WOD-WPA-F-15	PCB-11	Method blank (C1489_21993)	Detected sample results >RL and <BAL	"U" at detected sample concentration
MAL-WPA-M-01	PCB-3 PCB-11			
MAL-WPA-M-07	PCB-1 PCB-3 PCB-11			
WOD-BBA-F-01 WOD-WPA-M-13	PCB-1 PCB-11			

Sample ID	Compounds	Blank	Sample Result	Qualification
WOD-BBA-M-02	PCB-3 PCB-11 PCB-64			
WOD-BBA-M-03	PCB-1 PCB-11 PCB-21/33			
WOD-BBA-F-09	PCB-1 PCB-3 PCB-11 PCB-21/33			

Note:
RL = Reporting limit

The Total PCBs as Congeners result is calculated post validation within the database; therefore, the total PCB results have not been adjusted on the attached laboratory forms.

2.3 System Performance

System performance and column resolution were acceptable.

2.4 Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

2.4.1 Initial Calibration

A maximum RSD of 20% is allowed or a correlation coefficient greater than 0.99.

2.4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%).

All compounds associated with the calibrations were within the specified control limits.

2.5 Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with labeled compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. Analysis requires isotope dilution compounds exhibit recoveries within the laboratory-established acceptance limits.

All PCB congeners associated with the labeled compound analysis exhibited recoveries within the control limits with the exception noted below.

Table 6. Surrogate Recoveries Outside Control Limits

Sample ID	Surrogate	Recovery
MAL-WPA-M-01 WOD-WPA-F-08	ES PCB-170	> UL
	ES PCB-180	> UL
MAL-WPA-F-05 MAL-WPA-M-07 WOD-WPA-M-10 WOD-WPA-M-13 WOD-WPA-F-15 WOD-BBA-M-03	ES PCB-180	> UL

Notes:
UL = Upper control limit

The criteria used to evaluate the surrogate recoveries are presented in the following table. In the case of a surrogate deviation, the associated sample results are qualified as documented in the table below.

Table 7. Surrogate Recovery Evaluation Criteria

Control Limit	Sample Result	Qualification
> UL	Non-detect	No Action
	Detect	J
< LL but > 10%	Non-detect	UJ
	Detect	J
< 10%	Non-detect	R
	Detect	J
Surrogates diluted below the calibration curve due to the high concentration of a target compounds	Non-detect	UJ[1]
	Detect	J[1]

2.6 Matrix Spike/Matrix Spike Duplicate Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The RPD between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on samples where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

An MS/MSD analysis was not performed on a sample within this SDG.

2.7 Laboratory Duplicate Analysis

The laboratory duplicate RPD criterion is applied when parent and duplicate sample concentrations are greater than or equal to 5 times the EML. A control limit of 30% for water matrices is applied when the criteria above is true. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the EML, a control limit of one time the EML is applied for water matrices.

A laboratory duplicate analysis was not performed on a sample within this SDG.

2.8 Ongoing Precision Result (OPR) / Laboratory Control Sample

The ongoing precision result (OPR) / laboratory control sample (LCS) analysis is used to assess the accuracy of the analytical method independent of matrix interferences. The compounds associated with the OPR/LCS/LCSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the OPR/LCS analysis exhibited recoveries within the control limits.

2.9 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In an instance when the parent and/or duplicate sample concentrations are less than or equal to five times the EML, a control limit of two times the EML is applied for water matrices.

Field duplicate samples were not collected from this SDG.

2.10 Compound Identification

PCB congeners by 1668C are identified by using the compound’s ion abundance ratios, signal-to-noise values, and relative retention times.

An EMPC or "estimated maximum possible concentration" designation is given to compounds which have signals eluting within the established retention time window which would, if positively identified, be above the detection limit. The signals do not, however, meet the ion abundance ratio criteria and cannot be identified as the compound of interest. The EMPC value is the estimated concentration of the interferant quantitated "as the compound of interest.” This value should be considered an elevated detection limit based on potential compound identification and quantitation interference. If the EMPC value is above the reporting limit, the qualifier JNX has been added to the sample results to indicate the elevated detection limit as EMPC. If the EMPC value is below the reporting limit, the compound is reported as non-detect at the reporting limit and no qualification is added.

Note: Samples MAL-WPA-M-01 (001) and MAL-WPA-F-05 (002) show saturated analytes for one or more Hepta- and Hexa-CB compounds. Affected analytes and homolog totals are "S" qualified to indicate the saturation and that reported results are minimum estimates of the actual concentrations. The “S” qualifier will be removed for final reporting and these and the other compounds in the original analysis outside calibration range were flagged with an “EJ” qualifier.

The laboratory qualified co-eluting congeners as “C”. The “C” qualifier will be removed from the database for reporting purposes.

2.11 System Performance and Overall Assessment

Overall system performance was acceptable. Other than those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

2.12 Data Validation Checklist for PCB Congeners

Table 8. Data Validation Checklist for Polychlorinated Biphenyls

PCB Congeners; EPA1668C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
HIGH RESOLUTION GAS CHROMATOGRAPHY/HIGH RESOLUTION MASS SPECTROMETRY (HRGC/HRMS)					
Tier I Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X	X		
B. Equipment blank	X				X
LCS %R		X		X	
LCS Duplicate (LCSD) %R	X				X
LCS/LCSD Precision (RPD)	X				X
Matrix Spike (MS) %R	X				X
Matrix Spike Duplicate (MSD) %R	X				X
MS/MSD Precision (RPD)	X				X
Field/Lab Duplicate (RPD)	X				X
Surrogates/System Monitoring Compounds %R		X	X		
Cleanup Compound %R		X		X	
Dual Column (RPD)	X				X
Dilution Factor		X		X	
Moisture Content	X				X
Tier II Validation					
Initial calibration %RSDs		X		X	
Continuing calibration %Ds		X		X	
System performance and column resolution		X		X	

PCB Congeners; EPA1668C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Compound identification and quantitation					
• Quantitation Reports		X		X	
• RT of sample compounds within the established RT windows		X		X	
• Pattern identification		X		X	
• Transcription/calculation errors present		X		X	
• Reporting limits adjusted to reflect sample dilutions		X		X	

Notes:
%RSD = Relative standard deviation
RPD = Relative percent difference
%D = Percent Deviation
%R = Percent recovery

3 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under both the Tier I/II data validation reviews. The percent usability calculation also includes quality control samples (i.e., field/equipment blanks, trip blanks, and field duplicates) to aid in the evaluation of data usability. Data usability is summarized in the following table.

Table 9. Overall Summary of Data Usability

Parameter	Percent Usability	Rejected Data
PCBs	100%	0

The data package completeness, as determined from the Tier I data review, was used in combination with the data quality deviations identified during the Tier II data review to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I and Tier II data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses (discussed in this report) to provide a measure of compliance of the analytical data with the Data Quality Objectives specified in the FSP/QAPP.

VALIDATION PERFORMED BY: Andrew Korycinski

SIGNATURE:

DATE: October 22, 2025

PEER REVIEW: Joseph C. Houser

DATE: October 23, 2025

Appendix A

Chain of Custody

Sample Receipt Notification

5500 Business Drive
Wilmington, NC 28405 USA
Tel: 910 794-1613
Toll Free: 866 846-8290
Fax: 910 794-3919

Project Manager:	*Amy Boehm*
Receipt Date & Time:	*10-Oct-24 at 09:35*
AP Project name:	*C1489*
Requested TAT:	*50 business days*
Projected due date:	*29-May-25*
Matrix:	*Tissue*
Phone#:	*910-794-1613*
Email Address:	*Amy.Boehm@sgs.com*

Company Contact:	*Adam Ayers*
Company:	*Arcadis U.S., Inc.*
Project Name & Site:	*30230743.3000*
Project PO#:	*222183446*
QAAP/Contract #:	*2024 2014*
Requested Analysis:	*Method 1668C*
Phone#:	*518.312.0940*
Email Address:	*thomas.ayers@arcadis-us.com*

Client Smp ID	AP Smp ID	Sample Condition & Notes	Quantity	Size	Sampling Date	Sampling Time	Received Temp (°C)	Container #	Shipping #
MAL-WPA-M-01	C1489_001	BT	1	4oz amber glass jar	28-Aug-24	n/a	2.8	1	4219 9283 4358
MAL-WPA-F-05	C1489_002	BT	1	4oz amber glass jar	29-Aug-24	n/a	2.8	1	4219 9283 4358
MAL-WPA-F-06	C1489_003	BT	1	4oz amber glass jar	29-Aug-24	n/a	2.8	1	4219 9283 4358
MAL-WPA-M-07	C1489_004	BT	1	4oz amber glass jar	29-Aug-24	n/a	2.8	1	4219 9283 4358
WOD-WPA-F-08	C1489_005	BT	1	4oz amber glass jar	03-Sep-24	n/a	2.8	1	4219 9283 4358
WOD-WPA-M-10	C1489_006	BT	1	4oz amber glass jar	03-Sep-24	n/a	2.8	1	4219 9283 4358
WOD-WPA-M-13	C1489_007	BT	1	4oz amber glass jar	03-Sep-24	n/a	2.8	1	4219 9283 4358
WOD-WPA-F-15	C1489_008	BT	1	4oz amber glass jar	06-Sep-24	n/a	2.8	1	4219 9283 4358
WOD-BBA-F-01	C1489_009	BT	1	4oz amber glass jar	20-Sep-24	n/a	2.8	1	4219 9283 4358
WOD-BBA-M-02	C1489_010	BT	1	4oz amber glass jar	20-Sep-24	n/a	2.8	1	4219 9283 4358
WOD-BBA-M-03	C1489_011	BT	1	4oz amber glass jar	20-Sep-24	n/a	2.8	1	4219 9283 4358
WOD-BBA-F-09	C1489_012	BT	1	4oz amber glass jar	26-Sep-24	n/a	2.8	1	4219 9283 4358

Preservation Type: **Sample Seals:** No

Notes/Comments:

Samples received intact. Samples from C1033 & C1034.

Any un-extracted sample will be stored for 90 days from reporting date. Additional storage fees may apply for any samples stored longer than 90 days.

Received by: Malachi Clark *Logged in by: Malachi Clark* *QC'ed by:* AK 1 Apr 25

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: http://www.sgs.com/terms_and_conditions.htm

Eurofins Lancaster Laboratories Environme

Chain of Custody Record

C1489 MC
~~10/3~~ 9/1/25

eurofins | Environment Testing

Client Information	Sampler: Thom McClenahan	Lab PM: Kuhl, Lynn	Carrier Tracking No(s):	COC No:
Client Contact: Adam Ayers	Phone: 518-312-0940	E-Mail: Lynn.Kuhl@sgs.com	State of Origin: MA,CT	Page: Page 1 of 5
Company: ARCADIS U.S. Inc	PWSID:			Job #:
Address:	Due Date Requested:			
City:	TAT Requested (days):			
State, Zip:				
Phone:	PO #: 222183446			
Email: Thomas.Ayers@Arcadis.com	WO #:			
Project Name: GE-Housatonic River	Project #: 30230743.3000			
Site: Housatonic River - MA and CT	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	PCB as Aroclors Method 8032A	Percent lipid content	Total Number of containers	Special Instructions/Note:
001 MAL-WPA-M-01	8/28/24		G	BT	X	X	1	
MAL-WPA-F-02	8/28/24		G	BT	X	X	1	
MAL-WPA-F-03	8/28/24		G	BT	X	X	1	
MAL-WPA-F-04	8/28/24		G	BT	X	X	1	
002 MAL-WPA-F-05	8/29/24		G	BT	X	X	1	
WOD-WPA-M-01	8/29/24		G	BT	X	X	1	
WOD-WPA-F-02	8/29/24		G	BT	X	X	1	
003 MAL-WPA-F-06	8/29/24		G	BT	X	X	1	
004 MAL-WPA-M-07	8/29/24		G	BT	X	X	1	
WOD-WPA-M-03	9/3/24		G	BT	X	X	1	

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) - **Type I (validation)**

Special Instructions/QC Requirements:

NOTE - samples selected for congener analysis (Method 1668C) will be identified at a later date.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FEDEX		
Relinquished by: ARCADIS	Date/Time: 10.9.24 1500	Company: ARCADIS	Received by:	Date/Time: 10/10/24 9:35	Company: SGS ZLM
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins Lancaster Laboratories Environme

Chain of Custody Record

CH89 MC
(107) 4/1/25

eurofins | Environment Testing

Client Information	Sampler: Thom McClenahan	Lab PM: Kuhl, Lynn	Carrier Tracking No(s):	COC No:
Client Contact: Adam Ayers	Phone: 518-312-0940	E-Mail: Lynn.Kuhl@sgs.com	State of Origin: MA,CT	Page: Page 2 of 5
Company: ARCADIS U.S. Inc	PWSID:			Job #:

Address:	Due Date Requested:	
City:	TAT Requested (days):	
State, Zip:		
Phone:	PO #: 222183446	
Email: Thomas.Ayers@Arcadis.com	WO #:	
Project Name: GE-Housatonic River	Project #: 30230743.3000	
Site: Housatonic River - MA and CT	SSOW#:	

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	PCB as Aroclors Method 8082A	Percent lipid content	Total Number of containers	Special Instructions/Note:
WOD-WPA-M-04	9/3/24		G	BT	X	X	1	
WOD-WPA-F-05	9/3/24		G	BT	X	X	1	
WOD-WPA-F-06	9/3/24		G	BT	X	X	1	
WOD-WPA-F-07	9/3/24		G	BT	X	X	1	
WOD-WPA-F-08	9/3/24		G	BT	X	X	1	
WOD-WPA-M-09	9/3/24		G	BT	X	X	1	
WOD-WPA-M-10	9/3/24		G	BT	X	X	1	
WOD-WPA-M-11	9/3/24		G	BT	X	X	1	
WOD-WPA-M-12	9/3/24		G	BT	X	X	1	
WOD-WPA-M-13	9/3/24		G	BT	X	X	1	

005
006
007
~~720~~
4/1/25

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) - **Type I (validation)**

Special Instructions/QC Requirements:
NOTE - samples selected for congener analysis (Method 1668C) will be identified at a later date.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FedEx		
Relinquished by:	Date/Time: 10.9.24 1500	Company: ARCADIS	Received by:	Date/Time: 10/10/24 9:35	Company: TO JLM
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins Lancaster Laboratories Environme

C1489 MC

Chain of Custody Record

~~C1489~~ 4/1/25

eurofins Environment Testing

Client Information	Sampler: Thom McClenahan	Lab PM: Kuhl, Lynn	Carrier Tracking No(s):	COC No:
Client Contact: Adam Ayers	Phone: 518-312-0940	E-Mail: Lynn.Kuhl@sgs.com	State of Origin: MA,CT	Page: Page 3 of 5
Company: ARCADIS U.S. Inc	PWSID:	Analysis Requested		Job #:
Address:	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
City:	TAT Requested (days):			
State, Zip:				
Phone:	PO #: 222183445			Other:
Email: Thomas.Ayers@Arcadis.com	WO #:			
Project Name: GE-Housatonic River	Project #: 30230743.3000			
Site: Housatonic River - MA and CT	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)	PCB as Aroclors Method 8082A	Percent lipid content	Total Number of containers	Special Instructions/Note:
WOD-WPA-M-14	9/6/24		G	BT	X	X	1	
WOD-WPA-F-15	9/6/24		G	BT	X	X	1	
WOD-WPA-M-16	9/6/24		G	BT	X	X	1	
WOD-WPA-F-17	9/6/24		G	BT	X	X	1	
WOD-WPA-M-18	9/6/24		G	BT	X	X	1	
WOD-WPA-F-19	9/13/24		G	BT	X	X	1	
WOD-WPA-M-20	9/13/24		G	BT	X	X	1	
WOD-BBA-F-01	9/20/24		G	BT	X	X	1	
WOD-BBA-M-02	9/20/24		G	BT	X	X	1	
WOD-BBA-M-03	9/20/24		G	BT	X	X	1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) - **Type I (validation)**

Special Instructions/QC Requirements:
NOTE - samples selected for congener analysis (Method 1668C) will be identified at a later date.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FEDEX	
Relinquished by:	Date/Time: 10.9.24 1500	Company: ARCADIS	Received by:	Date/Time: 10/1/24 9:35 Company: JSG ILM
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins Lancaster Laboratories Environme

Chain of Custody Record

C1429 MC
(10/4 4/1/25

eurofins | Environment Testing

Client Information	Sampler: Thom McClenahan	Lab PM: Kuhl, Lynn	Carrier Tracking No(s):	COC No:
Client Contact: Adam Ayers	Phone: 518-312-0940	E-Mail: Lynn.Kuhl@sgs.com	State of Origin: MA,CT	Page: Page 4 of 5
Company: ARCADIS U.S. Inc	PWSID:			Job #:
Address:	Due Date Requested:	Analysis Requested		Preservation Codes:
City:	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
State, Zip:				Other:
Phone:	PO #: 222183446			
Email: Thomas.Ayers@Arcadis.com	WO #:			
Project Name: GE-Housatonic River	Project #: 30230743.3000			
Site: Housatonic River - MA and CT	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	PCB as Aroclors Method 8082A	Percent lipid content	Total Number of containers	Special Instructions/Note:
WOD-BBA-M-04	9/20/24		G	BT	X	X	1	
WOD-BBA-M-05	9/20/24		G	BT	X	X	1	
WOD-BBA-M-06	9/20/24		G	BT	X	X	1	
WOD-BBA-M-07	9/20/24		G	BT	X	X	1	
WOD-BBA-F-08	9/26/24		G	BT	X	X	1	
WOD-BBA-F-09	9/26/24		G	BT	X	X	1	
WOD-BBA-M-10	9/26/24		G	BT	X	X	1	
WOD-BBA-M-11	9/26/24		G	BT	X	X	1	
WOD-BBA-M-12	9/26/24		G	BT	X	X	1	
WOD-BBA-M-13	9/26/24		G	BT	X	X	1	

612

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) - **Type I (validation)**

Special Instructions/QC Requirements:
NOTE - samples selected for congener analysis (Method 1668C) will be identified at a later date.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FedEx				
Relinquished by: Thom McClenahan	Date/Time: 10.9.24 1500	Company ARCADIS	Received by: [illegible]	Date/Time: 10/1/24 9:35	Company JCI ILM		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Appendix B

Annotated Sample Analysis Data Sheets

Sample ID: MAL-WPA-M-01

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.94 g	Sample ID:	C1489_21993_PCB_001-D5	Date Extracted:	03-Apr-2025
Date Collected:	28-Aug-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	15-Apr-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	727				ES PCB-1	64
PCB-81 344'5-TeCB	ND	39.7			ES PCB-3	65.7
PCB-105 233'44'-PeCB	42,200			E J	ES PCB-4	60.8
PCB-114 2344'5-PeCB	2,930				ES PCB-15	82.6
PCB-118 23'44'5-PeCB	140,000			E J	ES PCB-19	78
PCB-123 23'44'5'-PeCB	3,300				ES PCB-37	83.2
PCB-126 33'44'5-PeCB	786				ES PCB-54	66.5
PCB-156/157 233'44'5/233'44'5'-HxCB	76,300			E C J	ES PCB-77	82.7
PCB-167 23'44'55'-HxCB	52,100			E J	ES PCB-81	84.7
PCB-169 33'44'55'-HxCB	ND	207			ES PCB-104	64.8
PCB-189 233'44'55'-HpCB	30,300			E J	ES PCB-105	78.6
					ES PCB-114	75.8
TEQs (WHO 2005 M/H)					ES PCB-118	88.1
					ES PCB-123	82.2
ND = 0	89.1		89.1		ES PCB-126	61.1
ND = 0.5 x DL	92.2		92.2		ES PCB-153	103
ND = DL	95.3		95.3		ES PCB-155	44.8
					ES PCB-156/157	44.1
Totals					ES PCB-167	48.3
Mono-CB			1.61	JNX	ES PCB-169	30.7
Di-CB	172		176	JNX	ES PCB-170	162 V
Tri-CB	7,020				ES PCB-180	278 V
Tetra-CB	189,000			E J	ES PCB-188	32.1
Penta-CB	491,000		491,000	E J	ES PCB-189	106
Hexa-CB	512,000		881,000	E S JNX	ES PCB-202	37.8
Hepta-CB	1,370,000			E S J	ES PCB-205	80.5
Octa-CB	1,480,000			E J	ES PCB-206	84.4
Nona-CB	107,000			E J	ES PCB-208	93.9
Deca-CB	3,020				ES PCB-209	90.3
					CS PCB-28	98
Total PCB (Mono-Deca)	4,150,000		4,520,000	E S J	CS PCB-111	84.5
					CS PCB-178	33.9

Checkcode: 255-593-QGZ/C SGS North America - PCB v0.99 Report Created: 23-Apr-2025 08:59 Analyst: pw

Sample ID: MAL-WPA-M-01

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.94 g	Sample ID:	C1489_21993_PCB_001-D5	Date Extracted:	03-Apr-2025
Date Collected:	28-Aug-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	15-Apr-2025
		Units	pg/g	Checkcode:	255-593-QGZ/C	Time Analyzed:	18:45:57

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	[1.13]	JNX ~~EMPC~~	PCB-19	30		PCB-54	34.4		PCB-72	446	
PCB-2	(0.202)		PCB-30/18	7.44	C	PCB-50/53	63.1	C	PCB-68	5,810	E J
PCB-3	[0.477]	U J B ~~EMPC~~	PCB-17	15.5		PCB-45	(0.357)		PCB-57	(32.8)	
			PCB-27	9.14		PCB-51	130		PCB-58	(29.1)	
Conc.	0		PCB-24	(0.365)		PCB-46	(0.338)		PCB-67	(29.2)	
EMPC	1.61		PCB-16	2.21		PCB-52	2,550		PCB-63	1,770	
			PCB-32	31.3		PCB-73	37.8		PCB-61/70/74/76	3,710	C
Di	**Conc.**	**Qualifiers**	PCB-34	(1.15)		PCB-43	(0.284)		PCB-66	15,600	E J
PCB-4	25.8		PCB-23	(1.16)		PCB-69/49	9,860	E C J	PCB-55	(31.4)	
PCB-10	1.03		PCB-26/29	90.2	C	PCB-48	(0.287)		PCB-56	(34.3)	
PCB-9	(0.477)		PCB-25	21.7		PCB-44/47/65	145,000	E C J	PCB-60	564	
PCB-7	(0.533)		PCB-31	462		PCB-59/62/75	2,260	C	PCB-80	(33.2)	
PCB-6	[1.75]	JNX ~~EMPC~~	PCB-28/20	6,140	C	PCB-42	153		PCB-79	73.3	
PCB-5	(0.561)		PCB-21/33	(1.1)	C	PCB-41	(0.354)		PCB-78	103	
PCB-8	[2.69]	JNX ~~EMPC~~	PCB-22	(1.04)		PCB-71/40	91.3	C	PCB-81	(39.7)	
PCB-14	(0.531)		PCB-36	(1.02)		PCB-64	104		PCB-77	727	
PCB-11	22.1	U ~~B~~	PCB-39	(1.17)							
PCB-13/12	1.46	J C	PCB-38	24.4							
PCB-15	122		PCB-35	(1.28)							
			PCB-37	192							
Conc.	172		**Conc.**	7,020					**Conc.**	189,000	
EMPC	176		**EMPC**	7,020					**EMPC**	189,000	

5500 Business Drive
Wilmington, NC 28405, USA
Tel: +1 910 794-1613
www.us.sgs.com

Totals	Conc.	EMPC
Mono-Tri	7,190	7,200
Tetra-Hexa	1,190,000	1,560,000
Hepta-Deca	2,950,000	2,950,000
Mono-Deca	4,150,000	4,520,000

SGS

Sample ID: MAL-WPA-M-01 — Method 1668C

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	22		PCB-109/119/86/97/125/87	12,700	C	PCB-155	740		PCB-165	1,950	
PCB-96	[11.2]	JNX ~~EMPC~~	PCB-117	21,100	E J	PCB-152	7.25		PCB-146	110,000	E S J
PCB-103	812		PCB-116/85	6,430	C	PCB-150	143		PCB-161	(0.489)	
PCB-94	19.6		PCB-110	5,250	E J	PCB-136	203		PCB-153/168	[175,000]	~~EMPC E C S~~ EJNX
PCB-95	1,070		PCB-115	(3.28)		PCB-145	(0.596)		PCB-141	22,400	E
PCB-100/93	11,600	E C J	PCB-82	(5.67)		PCB-148	1,810		PCB-130	20,000	E
PCB-102	(4.27)		PCB-111	1,970		PCB-151/135	1,560	C	PCB-137	9,410	E
PCB-98	48.7		PCB-120	4,220	E J	PCB-154	11,100	E J	PCB-164	1,820	
PCB-88	(5.63)		PCB-108/124	521	C	PCB-144	1,870		PCB-163/138/129	[194,000]	~~EMPC E C S~~ EJNX
PCB-91	1,600		PCB-107	12,100	E J	PCB-147/149	43,300	E C J	PCB-160	(0.597)	
PCB-84	27.1		PCB-123	3,300		PCB-134	(0.794)		PCB-158	38,000	E J
PCB-89	(5.11)		PCB-106	(4.09)		PCB-143	(0.705)		PCB-128/166	97,000	E C J
PCB-121	1,800		PCB-118	140,000	E J	PCB-139/140	2,180	C	PCB-159	2,150	
PCB-92	3,970	E J	PCB-122	(5.55)		PCB-131	(0.733)		PCB-162	4,750	E J
PCB-113/90/101	83,400	E C J	PCB-114	2,930		PCB-142	(0.754)		PCB-167	52,100	E J
PCB-83	(6.56)		PCB-105	42,200	E J	PCB-132	1,270		PCB-156/157	76,300	E C J
PCB-99	133,000	E J	PCB-127	560		PCB-133	12,100	E J	PCB-169	(207)	
PCB-112	(3.36)		PCB-126	786							
			Conc.	491,000					**Conc.**	512,000	
			EMPC	491,000					**EMPC**	881,000	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	1,530		PCB-174	21,800	E J	PCB-202	20,100	E J	PCB-208	11,900	E J
PCB-179	335		PCB-177	91,300	E J	PCB-201	21,500	E J	PCB-207	9,930	E J
PCB-184	219		PCB-181	1,410	J	PCB-204	63.7		PCB-206	84,900	E J
PCB-176	1,540		PCB-171/173	62,800	E C J	PCB-197	14,400	E J			
PCB-186	(1.2)		PCB-172	66,000	E J	PCB-200	2,350		**Conc.**	107,000	
PCB-178	86,000	E J	PCB-192	(82.9)		PCB-198/199	335,000	E C J	**EMPC**	107,000	
PCB-175	8,860	E J	PCB-180/193	243,000	E C S J	PCB-196	187,000	E J			
PCB-187	180,000	E S J	PCB-191	13,900	E J	PCB-203	274,000	E J	**Deca**	**Conc.**	**Qualifiers**
PCB-182	1,820	J	PCB-170	312,000	E S J	PCB-195	201,000	E J	PCB-209	3,020	
PCB-183	129,000	E S J	PCB-190	109,000	E J	PCB-194	395,000	E J			
PCB-185	4,120	E J	PCB-189	30,300	E J	PCB-205	27,000	E J			
			Conc.	1,370,000		**Conc.**	1,480,000				
			EMPC	1,370,000		**EMPC**	1,480,000				

Sample ID: MAL-WPA-F-05

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.36 g	Sample ID:	C1489_21993_PCB_002-D5	Date Extracted:	03-Apr-2025
Date Collected:	29-Aug-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	15-Apr-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	997				ES PCB-1	61.5
PCB-81 344'5-TeCB	ND	38.6			ES PCB-3	63.7
PCB-105 233'44'-PeCB	49,100			E J	ES PCB-4	57.7
PCB-114 2344'5-PeCB	3,380				ES PCB-15	76.3
PCB-118 23'44'5-PeCB	168,000			E J	ES PCB-19	73
PCB-123 23'44'5'-PeCB	3,960			E J	ES PCB-37	79.4
PCB-126 33'44'5-PeCB	991				ES PCB-54	64.4
PCB-156/157 233'44'5/233'44'5'-HxCB	83,600			E C J	ES PCB-77	76.1
PCB-167 23'44'55'-HxCB	60,300			E J	ES PCB-81	79.2
PCB-169 33'44'55'-HxCB	ND	178			ES PCB-104	67.1
PCB-189 233'44'55'-HpCB	30,900			E J	ES PCB-105	76.4
					ES PCB-114	73.3
TEQs (WHO 2005 M/H)					ES PCB-118	85.6
					ES PCB-123	84.1
ND = 0	111		111		ES PCB-126	63.5
ND = 0.5 x DL	114		114		ES PCB-153	113
ND = DL	117		117		ES PCB-155	48
					ES PCB-156/157	48.7
Totals					ES PCB-167	51.3
Mono-CB	1.04				ES PCB-169	34
Di-CB	221		232	JNX	ES PCB-170	144
Tri-CB	7,750		7,760	JNX	ES PCB-180	246 V
Tetra-CB	199,000			E J	ES PCB-188	37.8
Penta-CB	536,000			E J	ES PCB-189	91.8
Hexa-CB	556,000		976,000	E S JNX	ES PCB-202	41.4
Hepta-CB	1,420,000			E S J	ES PCB-205	77.8
Octa-CB	1,440,000			E J	ES PCB-206	77.6
Nona-CB	95,500			E J	ES PCB-208	82.2
Deca-CB	2,580				ES PCB-209	81.5
					CS PCB-28	96.7
Total PCB (Mono-Deca)	4,260,000		4,680,000	E S J	CS PCB-111	88.2
					CS PCB-178	37.8

Checkcode: 508-478-VQR/C SGS North America - PCB v0.99 Report Created: 23-Apr-2025 08:59 Analyst: pw

Sample ID: MAL-WPA-F-05

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.36 g	Sample ID:	C1489_21993_PCB_002-D5	Date Extracted:	03-Apr-2025
Date Collected:	29-Aug-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	15-Apr-2025
		Units	pg/g	Checkcode:	508-478-VQR/C	Time Analyzed:	19:43:23

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	1.04		PCB-19	14.2		PCB-54	26.9		PCB-72	486	
PCB-2	(0.54)		PCB-30/18	7.4	C	PCB-50/53	61.4	C	PCB-68	6,340	E J
PCB-3	(0.577)		PCB-17	11.2		PCB-45	(1.63)		PCB-57	(31.9)	
			PCB-27	9.42		PCB-51	104		PCB-58	(28.3)	
Conc.	1.04		PCB-24	(1.02)		PCB-46	6.29		PCB-67	(28.4)	
EMPC	1.04		PCB-16	[1.41]	JNX EMPC	PCB-52	2,310		PCB-63	1,930	
			PCB-32	19.5		PCB-73	40.4		PCB-61/70/74/76	4,300	C
Di	**Conc.**	**Qualifiers**	PCB-34	(2.49)		PCB-43	(1.3)		PCB-66	18,400	E J
PCB-4	[10.5]	JNX ~~EMPC~~	PCB-23	(2.5)		PCB-69/49	7,720	C	PCB-55	(30.5)	
PCB-10	(0.65)		PCB-26/29	84.7	C	PCB-48	(1.32)		PCB-56	(33.3)	
PCB-9	(1.02)		PCB-25	18.5		PCB-44/47/65	153,000	E C J	PCB-60	676	
PCB-7	(1.14)		PCB-31	399		PCB-59/62/75	2,120	C	PCB-80	(32.3)	
PCB-6	1.64		PCB-28/20	6,920	C	PCB-42	98.2		PCB-79	88.5	
PCB-5	(1.2)		PCB-21/33	(2.38)	C	PCB-41	(1.62)		PCB-78	100	
PCB-8	3.27		PCB-22	(2.24)		PCB-71/40	94.5	C	PCB-81	(38.6)	
PCB-14	(1.14)		PCB-36	(2.2)		PCB-64	84.9		PCB-77	997	
PCB-11	26.4	U ~~B~~	PCB-39	[5.46]	JNX ~~EMPC~~						
PCB-13/12	3.12	C	PCB-38	22.7							
PCB-15	187		PCB-35	(2.75)							
			PCB-37	247							
Conc.	221		**Conc.**	7,750					**Conc.**	199,000	
EMPC	232		**EMPC**	7,760					**EMPC**	199,000	

5500 Business Drive
Wilmington, NC 28405, USA
Tel: +1 910 794-1613
www.us.sgs.com

Totals	Conc.	EMPC
Mono-Tri	7,970	7,990
Tetra-Hexa	1,290,000	1,710,000
Hepta-Deca	2,960,000	2,960,000
Mono-Deca	4,260,000	4,680,000

SGS

Sample ID: MAL-WPA-F-05 — Method 1668C

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	14.4		PCB-109/119/86/97/125/87	12,800	C	PCB-155	827		PCB-165	2,030	
PCB-96	15.7		PCB-117	22,200	E J	PCB-152	[9.6] JNX	EMPC	PCB-146	122,000	E J
PCB-103	570		PCB-116/85	6,210	C	PCB-150	118		PCB-161	(3.33)	
PCB-94	27.1		PCB-110	2,540		PCB-136	374		PCB-153/168	[198,000]	~~EMPC E C S~~ EJNX
PCB-95	1,600		PCB-115	1,700		PCB-145	(4.25)		PCB-141	19,800	E
PCB-100/93	11,600	E C J	PCB-82	258		PCB-148	1,770		PCB-130	19,200	E
PCB-102	46.4		PCB-111	2,160		PCB-151/135	2,150	C	PCB-137	9,820	E
PCB-98	(4.15)		PCB-120	4,850	E J	PCB-154	10,900	E J	PCB-164	1,390	
PCB-88	(4.89)		PCB-108/124	603	C	PCB-144	1,710		PCB-163/138/129	[221,000]	~~EMPC E C S~~ EJNX
PCB-91	1,310		PCB-107	13,600	E J	PCB-147/149	42,200	E C J	PCB-160	(4.06)	
PCB-84	33.8		PCB-123	3,960	E J	PCB-134	(5.4)		PCB-158	41,700	E J
PCB-89	(4.43)		PCB-106	(3.55)		PCB-143	(4.79)		PCB-128/166	112,000	E C J
PCB-121	1,980		PCB-118	168,000	E J	PCB-139/140	2,370	C	PCB-159	2,190	
PCB-92	4,300	E J	PCB-122	(5.07)		PCB-131	(4.98)		PCB-162	5,720	E J
PCB-113/90/101	76,600	E C J	PCB-114	3,380		PCB-142	(5.13)		PCB-167	60,300	E J
PCB-83	(5.7)		PCB-105	49,100	E J	PCB-132	1,240		PCB-156/157	83,600	E C J
PCB-99	146,000	E J	PCB-127	658		PCB-133	12,500	E J	PCB-169	(178)	
PCB-112	(2.92)		PCB-126	991							
			Conc.	536,000					**Conc.**	556,000	
			EMPC	536,000					**EMPC**	976,000	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	1,280		PCB-174	19,700	E J	PCB-202	18,300	E	PCB-208	10,400	E J
PCB-179	630		PCB-177	87,400	E J	PCB-201	19,900	E	PCB-207	9,400	E J
PCB-184	168		PCB-181	1,370	J	PCB-204	57.1		PCB-206	75,700	E J
PCB-176	1,390		PCB-171/173	65,200	E C J	PCB-197	14,000	E			
PCB-186	(5.41)		PCB-172	64,400	E J	PCB-200	2,130		**Conc.**	95,500	
PCB-178	79,400	E J	PCB-192	(78.7)		PCB-198/199	341,000	E C	**EMPC**	95,500	
PCB-175	8,820	E J	PCB-180/193	262,000	E C S J	PCB-196	184,000	E			
PCB-187	196,000	E S J	PCB-191	13,900	E J	PCB-203	273,000	E	**Deca**	**Conc.**	**Qualifiers**
PCB-182	1,660	J	PCB-170	335,000	E S J	PCB-195	186,000	E	PCB-209	2,580	
PCB-183	136,000	E S J	PCB-190	112,000	E J	PCB-194	374,000	E			
PCB-185	5,800	E J	PCB-189	30,900	E J	PCB-205	24,800	E			
			Conc.	1,420,000		**Conc.**	1,440,000				
			EMPC	1,420,000		**EMPC**	1,440,000				

Sample ID: MAL-WPA-F-06

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.08 g	Sample ID:	C1489_21993_PCB_003-D5	Date Extracted:	03-Apr-2025
Date Collected:	29-Aug-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	15-Apr-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	327				ES PCB-1	58.2
PCB-81 344'5-TeCB	ND	10.1			ES PCB-3	58.5
PCB-105 233'44'-PeCB	3,440				ES PCB-4	51.4
PCB-114 2344'5-PeCB	259				ES PCB-15	70.7
PCB-118 23'44'5-PeCB	14,200			E J	ES PCB-19	63.5
PCB-123 23'44'5'-PeCB	274				ES PCB-37	69
PCB-126 33'44'5-PeCB	118				ES PCB-54	56.5
PCB-156/157 233'44'5/233'44'5'-HxCB	4,500			C	ES PCB-77	62.8
PCB-167 23'44'55'-HxCB	3,050				ES PCB-81	64.7
PCB-169 33'44'55'-HxCB	ND	34.4			ES PCB-104	62.8
PCB-189 233'44'55'-HpCB	1,100				ES PCB-105	68.4
					ES PCB-114	61.9
TEQs (WHO 2005 M/H)					ES PCB-118	72.1
					ES PCB-123	76.7
ND = 0	12.6		12.6		ES PCB-126	52.6
ND = 0.5 x DL	13.2		13.2		ES PCB-153	98.4
ND = DL	13.7		13.7		ES PCB-155	92.5
					ES PCB-156/157	77.6
Totals					ES PCB-167	85.9
Mono-CB	ND	0.596			ES PCB-169	56.4
Di-CB	540				ES PCB-170	116
Tri-CB	4,030				ES PCB-180	122
Tetra-CB	57,500		57,500	E J	ES PCB-188	65.5
Penta-CB	74,500			E J	ES PCB-189	104
Hexa-CB	252,000			E J	ES PCB-202	74.9
Hepta-CB	224,000			E J	ES PCB-205	87.4
Octa-CB	49,100			E J	ES PCB-206	88
Nona-CB	2,840				ES PCB-208	103
Deca-CB	236				ES PCB-209	95.5
					CS PCB-28	94.8
Total PCB (Mono-Deca)	665,000		665,000	E J	CS PCB-111	86
					CS PCB-178	72

Checkcode: 705-480-HHR/C SGS North America - PCB v0.99 Report Created: 23-Apr-2025 08:59 Analyst: pw

Sample ID: MAL-WPA-F-06

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.08 g	Sample ID:	C1489_21993_PCB_003-D5	Date Extracted:	03-Apr-2025
Date Collected:	29-Aug-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	15-Apr-2025
		Units	pg/g	Checkcode:	705-480-HHR/C	Time Analyzed:	20:40:49

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	(0.512)		PCB-19	9.41		PCB-54	29.9		PCB-72	569	
PCB-2	(0.637)		PCB-30/18	6.09	C	PCB-50/53	140	C	PCB-68	1,340	
PCB-3	(0.68)		PCB-17	7.35		PCB-45	(3.08)		PCB-57	(8.36)	
			PCB-27	5.32		PCB-51	183		PCB-58	(7.42)	
Conc.	0		PCB-24	(1.35)		PCB-46	7.01		PCB-67	(7.45)	
EMPC	0		PCB-16	(2.05)		PCB-52	1,390		PCB-63	530	
			PCB-32	19.1		PCB-73	54.1		PCB-61/70/74/76	1,080	C
Di	**Conc.**	**Qualifiers**	PCB-34	(2.83)		PCB-43	(2.45)		PCB-66	4,750	E J
PCB-4	4.76		PCB-23	(2.84)		PCB-69/49	3,730	C	PCB-55	(8)	
PCB-10	(0.889)		PCB-26/29	58.6	C	PCB-48	(2.48)		PCB-56	(8.75)	
PCB-9	(1.39)		PCB-25	14.1		PCB-44/47/65	42,400	E C J	PCB-60	57.9	
PCB-7	(1.55)		PCB-31	191		PCB-59/62/75	614	C	PCB-80	12.3	
PCB-6	(1.34)		PCB-28/20	3,350	C	PCB-42	50.1		PCB-79	87.2	
PCB-5	(1.63)		PCB-21/33	(2.7)	C	PCB-41	(3.06)		PCB-78	[11.7] JNX ~~EMPC~~	
PCB-8	1.75		PCB-22	(2.54)		PCB-71/40	119	C	PCB-81	(10.1)	
PCB-14	(1.54)		PCB-36	(2.5)		PCB-64	44.5		PCB-77	327	
PCB-11	31.6	U ~~B~~	PCB-39	23.5							
PCB-13/12	(1.6)	C	PCB-38	6.76							
PCB-15	502		PCB-35	(3.13)							
			PCB-37	339							
Conc.	540		**Conc.**	4,030					**Conc.**	57,500	
EMPC	540		**EMPC**	4,030					**EMPC**	57,500	

5500 Business Drive
Wilmington, NC 28405, USA
Tel: +1 910 794-1613
www.us.sgs.com

Totals	Conc.	EMPC
Mono-Tri	4,570	4,570
Tetra-Hexa	384,000	384,000
Hepta-Deca	277,000	277,000
Mono-Deca	665,000	665,000

SGS

Sample ID: MAL-WPA-F-06 — Method 1668C

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	18.2		PCB-109/119/86/97/125/87	2,760	C	PCB-155	83.6		PCB-165	273	
PCB-96	18.2		PCB-117	2,430		PCB-152	22.8		PCB-146	16,200	E J
PCB-103	290		PCB-116/85	896	C	PCB-150	84.4		PCB-161	(7.37)	
PCB-94	53.1		PCB-110	1,580		PCB-136	700		PCB-153/168	84,200	E C J
PCB-95	4,050	E J	PCB-115	(5.18)		PCB-145	(8.33)		PCB-141	4,970	E J
PCB-100/93	2,880	C	PCB-82	43.8		PCB-148	409		PCB-130	3,200	
PCB-102	64.7		PCB-111	225		PCB-151/135	13,400	E C J	PCB-137	1,320	
PCB-98	(7.54)		PCB-120	473		PCB-154	2,200		PCB-164	758	
PCB-88	(8.89)		PCB-108/124	224	C	PCB-144	791		PCB-163/138/129	72,600	E C J
PCB-91	902		PCB-107	1,570		PCB-147/149	26,800	E C J	PCB-160	(9)	
PCB-84	68.6		PCB-123	274		PCB-134	(12)		PCB-158	4,730	E J
PCB-89	(8.06)		PCB-106	(6.45)		PCB-143	(10.6)		PCB-128/166	6,870	C
PCB-121	166		PCB-118	14,200	E J	PCB-139/140	445	C	PCB-159	411	
PCB-92	7,390	E J	PCB-122	(10.7)		PCB-131	30.1		PCB-162	366	
PCB-113/90/101	12,700	E C J	PCB-114	259		PCB-142	(11.4)		PCB-167	3,050	
PCB-83	(10.4)		PCB-105	3,440		PCB-132	1,870		PCB-156/157	4,500	C
PCB-99	17,300	E J	PCB-127	50.2		PCB-133	2,040		PCB-169	(34.4)	
PCB-112	(5.3)		PCB-126	118							
			Conc.	74,500					**Conc.**	252,000	
			EMPC	74,500					**EMPC**	252,000	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	136		PCB-174	11,200	E J	PCB-202	1,970		PCB-208	424	
PCB-179	2,810		PCB-177	14,800	E J	PCB-201	1,510		PCB-207	290	
PCB-184	18.2		PCB-181	140		PCB-204	(6.17)		PCB-206	2,120	
PCB-176	911		PCB-171/173	7,660	C	PCB-197	511				
PCB-186	(8.34)		PCB-172	5,900	E J	PCB-200	725		**Conc.**	2,840	
PCB-178	8,240	E J	PCB-192	(16.9)		PCB-198/199	12,100	E C J	**EMPC**	2,840	
PCB-175	1,230		PCB-180/193	71,600	E C J	PCB-196	6,140	E J			
PCB-187	42,700	E J	PCB-191	1,290		PCB-203	7,430	E J	**Deca**	**Conc.**	**Qualifiers**
PCB-182	205		PCB-170	28,500	E J	PCB-195	5,800	E J	PCB-209	236	
PCB-183	18,700	E J	PCB-190	6,130	E J	PCB-194	12,200	E J			
PCB-185	1,130		PCB-189	1,100		PCB-205	677				
			Conc.	224,000		**Conc.**	49,100				
			EMPC	224,000		**EMPC**	49,100				

Sample ID: MAL-WPA-M-07

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.17 g	Sample ID:	C1489_21993_PCB_004-D5	Date Extracted:	03-Apr-2025
Date Collected:	29-Aug-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	15-Apr-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	1,070				ES PCB-1	60.3
PCB-81 344'5-TeCB	ND	31.1			ES PCB-3	64.1
PCB-105 233'44'-PeCB	15,100			E J	ES PCB-4	55.6
PCB-114 2344'5-PeCB	1,100				ES PCB-15	77.4
PCB-118 23'44'5-PeCB	69,300			E J	ES PCB-19	69.8
PCB-123 23'44'5'-PeCB	1,320				ES PCB-37	76.9
PCB-126 33'44'5-PeCB	790				ES PCB-54	59.9
PCB-156/157 233'44'5/233'44'5'-HxCB	24,100			E C J	ES PCB-77	68.3
PCB-167 23'44'55'-HxCB	24,300			E J	ES PCB-81	69.8
PCB-169 33'44'55'-HxCB	ND	74.2			ES PCB-104	64.4
PCB-189 233'44'55'-HpCB	8,360			E J	ES PCB-105	73.1
					ES PCB-114	69.7
TEQs (WHO 2005 M/H)					ES PCB-118	78
					ES PCB-123	77.2
ND = 0	83.4		83.4		ES PCB-126	62.8
ND = 0.5 x DL	84.5		84.5		ES PCB-153	110
ND = DL	85.6		85.6		ES PCB-155	64.3
					ES PCB-156/157	61.1
Totals					ES PCB-167	60.7
Mono-CB	0.768		1.51	JNX	ES PCB-169	42
Di-CB	715		720	JNX	ES PCB-170	139
Tri-CB	8,490		8,490		ES PCB-180	185 V
Tetra-CB	128,000			E J	ES PCB-188	46.8
Penta-CB	256,000			E J	ES PCB-189	115
Hexa-CB	734,000			E J	ES PCB-202	48.7
Hepta-CB	1,020,000			E J	ES PCB-205	86.2
Octa-CB	431,000			E J	ES PCB-206	87.4
Nona-CB	23,600			E J	ES PCB-208	107
Deca-CB	817				ES PCB-209	97.3
					CS PCB-28	92.4
Total PCB (Mono-Deca)	2,600,000		2,600,000	E J	CS PCB-111	87.5
					CS PCB-178	48.1

Checkcode: 279-221-BBZ/C SGS North America - PCB v0.99 Report Created: 23-Apr-2025 08:59 Analyst: pw

Sample ID: MAL-WPA-M-07

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.17 g	Sample ID:	C1489_21993_PCB_004-D5	Date Extracted:	03-Apr-2025
Date Collected:	29-Aug-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	15-Apr-2025
		Units	pg/g	Checkcode:	279-221-BBZ/C	Time Analyzed:	21:38:15

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	[0.741]	U ~~J B EMPC~~	PCB-19	7.81		PCB-54	33.2		PCB-72	1,300	
PCB-2	(0.455)		PCB-30/18	7.08	C	PCB-50/53	147	C	PCB-68	4,860	E J
PCB-3	0.768	U ~~J B~~	PCB-17	9.12		PCB-45	(1.66)		PCB-57	(25.7)	
			PCB-27	5.8		PCB-51	226		PCB-58	(22.8)	
Conc.	0.768		PCB-24	(0.829)		PCB-46	9.19		PCB-67	(22.9)	
EMPC	1.51		PCB-16	(1.26)		PCB-52	2,150		PCB-63	1,670	
			PCB-32	23.8		PCB-73	66.1		PCB-61/70/74/76	2,610	C
Di	**Conc.**	**Qualifiers**	PCB-34	(2.83)		PCB-43	(1.32)		PCB-66	13,500	E J
PCB-4	[4.37]	JNX ~~EMPC~~	PCB-23	(2.84)		PCB-69/49	5,940	C	PCB-55	(24.6)	
PCB-10	(0.526)		PCB-26/29	70.6	C	PCB-48	(1.34)		PCB-56	(26.9)	
PCB-9	(0.901)		PCB-25	15.9		PCB-44/47/65	92,500	E C J	PCB-60	159	
PCB-7	(1.01)		PCB-31	305		PCB-59/62/75	1,300	C	PCB-80	44.4	
PCB-6	1.4		PCB-28/20	7,370	C	PCB-42	97.3		PCB-79	207	
PCB-5	(1.06)		PCB-21/33	(2.7)	C	PCB-41	(1.65)		PCB-78	55.8	
PCB-8	2.82		PCB-22	[5.41]	JNX ~~EMPC~~	PCB-71/40	146	C	PCB-81	(31.1)	
PCB-14	(1)		PCB-36	(2.5)		PCB-64	64.6		PCB-77	1,070	
PCB-11	26.3	U ~~B~~	PCB-39	40.5							
PCB-13/12	(1.04)	C	PCB-38	15							
PCB-15	685		PCB-35	(3.13)							
			PCB-37	617							
Conc.	715		**Conc.**	8,490					**Conc.**	128,000	
EMPC	720		**EMPC**	8,490					**EMPC**	128,000	

5500 Business Drive
Wilmington, NC 28405, USA
Tel: +1 910 794-1613
www.us.sgs.com

Totals	Conc.	EMPC
Mono-Tri	9,210	9,220
Tetra-Hexa	1,120,000	1,120,000
Hepta-Deca	1,470,000	1,470,000
Mono-Deca	2,600,000	2,600,000

SGS

Sample ID: MAL-WPA-M-07 — Method 1668C

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	25.1		PCB-109/119/86/97/125/87	6,690	C	PCB-155	273		PCB-165	746	
PCB-96	26.6		PCB-117	8,490	E J	PCB-152	34.8		PCB-146	66,000	E J
PCB-103	529		PCB-116/85	2,290	C	PCB-150	143		PCB-161	(2.92)	
PCB-94	85.9		PCB-110	2,820		PCB-136	1,070		PCB-153/168	229,000	E C J
PCB-95	7,920	E J	PCB-115	(5.73)		PCB-145	(3.98)		PCB-141	8,360	E J
PCB-100/93	6,610	C	PCB-82	112		PCB-148	740		PCB-130	7,690	E J
PCB-102	87.1		PCB-111	1,140		PCB-151/135	17,100	E C J	PCB-137	3,750	
PCB-98	(8.35)		PCB-120	3,080		PCB-154	4,630	E J	PCB-164	960	
PCB-88	(9.83)		PCB-108/124	560	C	PCB-144	1,120		PCB-163/138/129	234,000	E C J
PCB-91	1,490		PCB-107	5,990	E J	PCB-147/149	44,300	E C J	PCB-160	(3.57)	
PCB-84	113		PCB-123	1,320		PCB-134	126		PCB-158	15,200	E J
PCB-89	(8.92)		PCB-106	(7.14)		PCB-143	(4.21)		PCB-128/166	38,700	E C J
PCB-121	566		PCB-118	69,300	E J	PCB-139/140	1,100	C	PCB-159	1,210	
PCB-92	16,800	E J	PCB-122	(9.36)		PCB-131	36.7		PCB-162	2,320	
PCB-113/90/101	36,400	E C J	PCB-114	1,100		PCB-142	(4.51)		PCB-167	24,300	E J
PCB-83	(11.5)		PCB-105	15,100	E J	PCB-132	1,930		PCB-156/157	24,100	E C J
PCB-99	66,300	E J	PCB-127	219		PCB-133	5,570	E J	PCB-169	(74.2)	
PCB-112	(5.87)		PCB-126	790							
			Conc.	256,000					**Conc.**	734,000	
			EMPC	256,000					**EMPC**	734,000	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	498		PCB-174	17,400	E J	PCB-202	8,360	E J	PCB-208	2,670	
PCB-179	4,990	E J	PCB-177	42,900	E J	PCB-201	8,000	E J	PCB-207	2,340	
PCB-184	55.9		PCB-181	505	J	PCB-204	14		PCB-206	18,600	E J
PCB-176	1,850		PCB-171/173	34,300	E C J	PCB-197	4,950	E J			
PCB-186	(5.69)		PCB-172	29,500	E J	PCB-200	1,820		**Conc.**	23,600	
PCB-178	29,800	E J	PCB-192	(31.4)		PCB-198/199	97,800	E C J	**EMPC**	23,600	
PCB-175	4,760	E J	PCB-180/193	327,000	E C J	PCB-196	57,300	E J			
PCB-187	182,000	E J	PCB-191	6,450	E J	PCB-203	82,600	E J	**Deca**	**Conc.**	**Qualifiers**
PCB-182	476	J	PCB-170	188,000	E J	PCB-195	56,600	E J	PCB-209	817	
PCB-183	94,000	E J	PCB-190	40,900	E J	PCB-194	108,000	E J			
PCB-185	2,370	J	PCB-189	8,360	E J	PCB-205	6,210	E J			
			Conc.	1,020,000		**Conc.**	431,000				
			EMPC	1,020,000		**EMPC**	431,000				

Sample ID: WOD-WPA-F-08

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.25 g	Sample ID:	C1489_21993_PCB_005-D5	Date Extracted:	03-Apr-2025
Date Collected:	03-Sep-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	15-Apr-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	867				ES PCB-1	72.9
PCB-81 344'5-TeCB	ND	25.9			ES PCB-3	78.8
PCB-105 233'44'-PeCB	7,590			E J	ES PCB-4	66.4
PCB-114 2344'5-PeCB	668				ES PCB-15	95.7
PCB-118 23'44'5-PeCB	34,300			E J	ES PCB-19	82.5
PCB-123 23'44'5'-PeCB	576				ES PCB-37	104
PCB-126 33'44'5-PeCB	439				ES PCB-54	76.5
PCB-156/157 233'44'5/233'44'5'-HxCB	11,700			E C J	ES PCB-77	88.6
PCB-167 23'44'55'-HxCB	8,590			E J	ES PCB-81	89
PCB-169 33'44'55'-HxCB	ND	37.5			ES PCB-104	86.7
PCB-189 233'44'55'-HpCB	3,290				ES PCB-105	92.1
					ES PCB-114	88.6
TEQs (WHO 2005 M/H)					ES PCB-118	94.5
					ES PCB-123	101
ND = 0	46		46		ES PCB-126	74.3
ND = 0.5 x DL	46.6		46.6		ES PCB-153	139
ND = DL	47.2		47.2		ES PCB-155	108
					ES PCB-156/157	99.2
Totals					ES PCB-167	111
Mono-CB	ND	0.518			ES PCB-169	68.7
Di-CB	712				ES PCB-170	149 V
Tri-CB	6,250				ES PCB-180	190 V
Tetra-CB	102,000			E J	ES PCB-188	82.2
Penta-CB	189,000			E J	ES PCB-189	137
Hexa-CB	560,000			E J	ES PCB-202	82.6
Hepta-CB	487,000			E J	ES PCB-205	121
Octa-CB	120,000			E J	ES PCB-206	111
Nona-CB	5,250			E ~~J~~	ES PCB-208	127
Deca-CB	144				ES PCB-209	122
					CS PCB-28	105
Total PCB (Mono-Deca)	1,470,000		1,470,000	E J	CS PCB-111	91.2
					CS PCB-178	59.8

Checkcode: 473-416-WKB/C SGS North America - PCB v0.99 Report Created: 23-Apr-2025 08:59 Analyst: pw

Sample ID: WOD-WPA-F-08

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.25 g	Sample ID:	C1489_21993_PCB_005-D5	Date Extracted:	03-Apr-2025
Date Collected:	03-Sep-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	15-Apr-2025
		Units	pg/g	Checkcode:	473-416-WKB/C	Time Analyzed:	22:35:41

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	(0.476)		PCB-19	6.73		PCB-54	25.9		PCB-72	1,440	
PCB-2	(0.525)		PCB-30/18	9.89	C	PCB-50/53	131	C	PCB-68	2,310	
PCB-3	(0.561)		PCB-17	9.1		PCB-45	(1.53)		PCB-57	(21.4)	
			PCB-27	7.55		PCB-51	198		PCB-58	(19)	
Conc.	0		PCB-24	(0.812)		PCB-46	8.33		PCB-67	(19.1)	
EMPC	0		PCB-16	1.86		PCB-52	4,570	E J	PCB-63	1,080	
			PCB-32	15.5		PCB-73	94.9		PCB-61/70/74/76	3,000	C
Di	**Conc.**	**Qualifiers**	PCB-34	(2.52)		PCB-43	(1.22)		PCB-66	8,810	E J
PCB-4	2.6		PCB-23	(2.54)		PCB-69/49	9,100	E C J	PCB-55	(20.5)	
PCB-10	(0.605)		PCB-26/29	130	C	PCB-48	15.3		PCB-56	(22.4)	
PCB-9	(0.827)		PCB-25	32		PCB-44/47/65	68,600	E C J	PCB-60	118	
PCB-7	(0.925)		PCB-31	456		PCB-59/62/75	1,070	C	PCB-80	32.5	
PCB-6	1.41		PCB-28/20	4,950	C	PCB-42	128		PCB-79	273	
PCB-5	(0.974)		PCB-21/33	(2.41)	C	PCB-41	(1.52)		PCB-78	(26)	
PCB-8	2.19		PCB-22	(2.27)		PCB-71/40	160	C	PCB-81	(25.9)	
PCB-14	(0.921)		PCB-36	(2.23)		PCB-64	160		PCB-77	867	
PCB-11	23.8	U B	PCB-39	57.6							
PCB-13/12	(0.956)	C	PCB-38	(2.52)							
PCB-15	682		PCB-35	(2.79)							
			PCB-37	579							
Conc.	712		**Conc.**	6,250					**Conc.**	102,000	
EMPC	712		**EMPC**	6,250					**EMPC**	102,000	

5500 Business Drive
Wilmington, NC 28405, USA
Tel: +1 910 794-1613
www.us.sgs.com

Totals	Conc.	EMPC
Mono-Tri	6,960	6,960
Tetra-Hexa	852,000	852,000
Hepta-Deca	612,000	612,000
Mono-Deca	1,470,000	1,470,000

SGS

Sample ID: WOD-WPA-F-08 — Method 1668C

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	29.5		PCB-109/119/86/97/125/87	7,500	C	PCB-155	132		PCB-165	673	
PCB-96	32		PCB-117	4,810	E J	PCB-152	34.7		PCB-146	37,200	E J
PCB-103	845		PCB-116/85	2,700	C	PCB-150	293		PCB-161	(3.62)	
PCB-94	127		PCB-110	5,720	E J	PCB-136	2,250		PCB-153/168	179,000	E C J
PCB-95	12,800	E J	PCB-115	(7.86)		PCB-145	(4.2)		PCB-141	15,600	E J
PCB-100/93	6,580	C	PCB-82	132		PCB-148	742		PCB-130	7,850	E J
PCB-102	135		PCB-111	636		PCB-151/135	36,700	E C J	PCB-137	2,670	
PCB-98	(11.4)		PCB-120	1,350		PCB-154	4,310	E J	PCB-164	2,370	
PCB-88	(13.5)		PCB-108/124	880	C	PCB-144	2,290		PCB-163/138/129	148,000	E C J
PCB-91	3,130		PCB-107	4,700	E J	PCB-147/149	61,600	E C J	PCB-160	(4.41)	
PCB-84	372		PCB-123	576		PCB-134	172		PCB-158	9,680	E J
PCB-89	(12.2)		PCB-106	(9.79)		PCB-143	(5.21)		PCB-128/166	14,600	E C J
PCB-121	289		PCB-118	34,300	E J	PCB-139/140	866	C	PCB-159	1,180	
PCB-92	23,100	E J	PCB-122	(14.8)		PCB-131	89.4		PCB-162	1,050	
PCB-113/90/101	34,000	E C J	PCB-114	668		PCB-142	(5.57)		PCB-167	8,590	E J
PCB-83	(15.7)		PCB-105	7,590	E J	PCB-132	5,600	E J	PCB-156/157	11,700	E C J
PCB-99	35,600	E J	PCB-127	135		PCB-133	4,950	E J	PCB-169	(37.5)	
PCB-112	(8.05)		PCB-126	439							
			Conc.	189,000					**Conc.**	560,000	
			EMPC	189,000					**EMPC**	560,000	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	301		PCB-174	26,400	E J	PCB-202	5,250	E J	PCB-208	782	
PCB-179	5,320	E J	PCB-177	29,500	E J	PCB-201	3,560		PCB-207	498	
PCB-184	38.1		PCB-181	292	J	PCB-204	7.05		PCB-206	3,970	E J
PCB-176	2,660		PCB-171/173	13,700	E C J	PCB-197	1,060				
PCB-186	(4.37)		PCB-172	13,500	E J	PCB-200	2,110		**Conc.**	5,250	
PCB-178	21,100	E J	PCB-192	(14.1)		PCB-198/199	31,100	E C J	**EMPC**	5,250	
PCB-175	2,420	J	PCB-180/193	155,000	E C J	PCB-196	14,100	E J			
PCB-187	87,900	E J	PCB-191	2,610	J	PCB-203	20,200	E J	**Deca**	**Conc.**	**Qualifiers**
PCB-182	392	J	PCB-170	67,600	E J	PCB-195	11,600	E J	PCB-209	144	
PCB-183	35,100	E J	PCB-190	15,800	E J	PCB-194	29,500	E J			
PCB-185	4,080	E J	PCB-189	3,290		PCB-205	1,650				
			Conc.	487,000		**Conc.**	120,000				
			EMPC	487,000		**EMPC**	120,000				

Sample ID: WOD-WPA-M-10

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.20 g	Sample ID:	C1489_21993_PCB_006-D5	Date Extracted:	03-Apr-2025
Date Collected:	03-Sep-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	15-Apr-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	528				ES PCB-1	73.8
PCB-81 344'5-TeCB	ND	11.5			ES PCB-3	75
PCB-105 233'44'-PeCB	5,570			E J	ES PCB-4	65
PCB-114 2344'5-PeCB	414				ES PCB-15	92.6
PCB-118 23'44'5-PeCB	23,300			E J	ES PCB-19	81.6
PCB-123 23'44'5'-PeCB	383				ES PCB-37	95
PCB-126 33'44'5-PeCB	267				ES PCB-54	71.3
PCB-156/157 233'44'5/233'44'5'-HxCB	7,690			C	ES PCB-77	83.4
PCB-167 23'44'55'-HxCB	5,750			E J	ES PCB-81	85.5
PCB-169 33'44'55'-HxCB	ND	23.3			ES PCB-104	78.9
PCB-189 233'44'55'-HpCB	2,010				ES PCB-105	87
					ES PCB-114	85.3
TEQs (WHO 2005 M/H)					ES PCB-118	93.8
					ES PCB-123	94.3
ND = 0	28.1		28.1		ES PCB-126	69.8
ND = 0.5 x DL	28.5		28.5		ES PCB-153	121
ND = DL	28.9		28.9		ES PCB-155	106
					ES PCB-156/157	96.4
Totals					ES PCB-167	103
Mono-CB			0.513	JNX	ES PCB-169	63.9
Di-CB	427				ES PCB-170	131
Tri-CB	3,240		3,250	JNX	ES PCB-180	165 V
Tetra-CB	55,800		55,800	E J	ES PCB-188	78.2
Penta-CB	101,000			E J	ES PCB-189	127
Hexa-CB	374,000			E J	ES PCB-202	82.7
Hepta-CB	334,000			E J	ES PCB-205	109
Octa-CB	88,500			E J	ES PCB-206	96.5
Nona-CB	5,570			E J	ES PCB-208	112
Deca-CB	181				ES PCB-209	112
					CS PCB-28	109
Total PCB (Mono-Deca)	963,000		963,000	E J	CS PCB-111	93.6
					CS PCB-178	68.9

Checkcode: 100-968-RFQ/C SGS North America - PCB v0.99 Report Created: 23-Apr-2025 08:59 Analyst: pw

Sample ID: WOD-WPA-M-10

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.20 g	Sample ID:	C1489_21993_PCB_006-D5	Date Extracted:	03-Apr-2025
Date Collected:	03-Sep-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	15-Apr-2025
		Units	pg/g	Checkcode:	100-968-RFQ/C	Time Analyzed:	23:33:06

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	[0.513]	JNX ~~B EMPC~~	PCB-19	4.47		PCB-54	15.6		PCB-72	662	
PCB-2	(0.456)		PCB-30/18	5.5	C	PCB-50/53	61.6	C	PCB-68	1,290	
PCB-3	(0.487)		PCB-17	5.21		PCB-45	(1.52)		PCB-57	[9.78]	JNX ~~EMPC~~
			PCB-27	[3.76]	JNX ~~EMPC~~	PCB-51	108		PCB-58	(8.42)	
Conc.	0		PCB-24	(0.833)		PCB-46	5.7		PCB-67	(8.45)	
EMPC	0.513		PCB-16	(1.26)		PCB-52	2,050		PCB-63	499	
			PCB-32	9.69		PCB-73	54.6		PCB-61/70/74/76	1,490	C
Di	**Conc.**	**Qualifiers**	PCB-34	(1.75)		PCB-43	(1.21)		PCB-66	4,140	E J
PCB-4	1.99		PCB-23	(1.76)		PCB-69/49	4,210	C	PCB-55	(9.08)	
PCB-10	(0.555)		PCB-26/29	70.6	C	PCB-48	8.35		PCB-56	12.9	
PCB-9	(0.769)		PCB-25	18.9		PCB-44/47/65	39,700	E C J	PCB-60	63.7	
PCB-7	(0.859)		PCB-31	231		PCB-59/62/75	570	C	PCB-80	16	
PCB-6	1.28		PCB-28/20	2,550	C	PCB-42	68		PCB-79	133	
PCB-5	(0.905)		PCB-21/33	(1.67)	C	PCB-41	(1.5)		PCB-78	(11.5)	
PCB-8	1.53		PCB-22	2.99		PCB-71/40	91.7	C	PCB-81	(11.5)	
PCB-14	(0.856)		PCB-36	(1.54)		PCB-64	75.3		PCB-77	528	
PCB-11	24.7	U ~~B~~	PCB-39	29.4							
PCB-13/12	(0.888)	C	PCB-38	5.55							
PCB-15	398		PCB-35	(1.93)							
			PCB-37	308							
Conc.	427		**Conc.**	3,240					**Conc.**	55,800	
EMPC	427		**EMPC**	3,250					**EMPC**	55,800	

5500 Business Drive
Wilmington, NC 28405, USA
Tel: +1 910 794-1613
www.us.sgs.com

Totals	Conc.	EMPC
Mono-Tri	3,670	3,670
Tetra-Hexa	531,000	531,000
Hepta-Deca	428,000	428,000
Mono-Deca	963,000	963,000

SGS

Sample ID: WOD-WPA-M-10 — Method 1668C

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	16.4		PCB-109/119/86/97/125/87	3,470	C	PCB-155	69.5		PCB-165	350	
PCB-96	24		PCB-117	2,750		PCB-152	30.5		PCB-146	24,600	E J
PCB-103	404		PCB-116/85	1,040	C	PCB-150	126		PCB-161	(3.87)	
PCB-94	77.8		PCB-110	2,780		PCB-136	1,210		PCB-153/168	143,000	E C J
PCB-95	6,060	E J	PCB-115	(5.36)		PCB-145	(3.99)		PCB-141	6,770	E J
PCB-100/93	3,360	C	PCB-82	64		PCB-148	345		PCB-130	3,990	E J
PCB-102	44.4		PCB-111	340		PCB-151/135	17,100	E C J	PCB-137	1,620	
PCB-98	24.3		PCB-120	745		PCB-154	2,030		PCB-164	1,020	
PCB-88	(9.2)		PCB-108/124	352	C	PCB-144	1,000		PCB-163/138/129	104,000	E C J
PCB-91	1,520		PCB-107	2,210		PCB-147/149	28,800	E C J	PCB-160	(4.73)	
PCB-84	244		PCB-123	383		PCB-134	136		PCB-158	6,120	E J
PCB-89	(8.35)		PCB-106	(6.68)		PCB-143	(5.58)		PCB-128/166	10,600	E C J
PCB-121	159		PCB-118	23,300	E J	PCB-139/140	485	C	PCB-159	497	
PCB-92	10,200	E J	PCB-122	(10.2)		PCB-131	44.6		PCB-162	604	
PCB-113/90/101	15,800	E C J	PCB-114	414		PCB-142	(5.97)		PCB-167	5,750	E J
PCB-83	(10.7)		PCB-105	5,570	E J	PCB-132	2,690		PCB-156/157	7,690	C
PCB-99	19,600	E J	PCB-127	77.4		PCB-133	3,050		PCB-169	(23.3)	
PCB-112	(5.49)		PCB-126	267							
			Conc.	101,000					**Conc.**	374,000	
			EMPC	101,000					**EMPC**	374,000	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	130		PCB-174	11,300	E J	PCB-202	2,850		PCB-208	737	
PCB-179	2,750		PCB-177	16,200	E J	PCB-201	1,880		PCB-207	519	
PCB-184	19		PCB-181	156	J	PCB-204	(3.2)		PCB-206	4,320	E J
PCB-176	1,060		PCB-171/173	9,650	E C J	PCB-197	857				
PCB-186	(4.41)		PCB-172	8,520	E J	PCB-200	753		**Conc.**	5,570	
PCB-178	11,900	E J	PCB-192	(15.2)		PCB-198/199	20,200	E C J	**EMPC**	5,570	
PCB-175	1,420	J	PCB-180/193	117,000	E C J	PCB-196	10,700	E J			
PCB-187	61,300	E J	PCB-191	1,830	J	PCB-203	16,100	E J	**Deca**	**Conc.**	**Qualifiers**
PCB-182	210	J	PCB-170	48,800	E J	PCB-195	9,920	E J	PCB-209	181	
PCB-183	25,700	E J	PCB-190	12,500	E J	PCB-194	23,900	E J			
PCB-185	1,210		PCB-189	2,010		PCB-205	1,280				
			Conc.	334,000		**Conc.**	88,500				
			EMPC	334,000		**EMPC**	88,500				

Sample ID: WOD-WPA-M-13

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.48 g	Sample ID:	C1489_21993_PCB_007-D5	Date Extracted:	03-Apr-2025
Date Collected:	03-Sep-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	16-Apr-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	1,410				ES PCB-1	64.8
PCB-81 344'5-TeCB	ND	25.5			ES PCB-3	68.6
PCB-105 233'44'-PeCB	14,800			E J	ES PCB-4	58
PCB-114 2344'5-PeCB	1,390				ES PCB-15	76.6
PCB-118 23'44'5-PeCB	66,800			E J	ES PCB-19	69.3
PCB-123 23'44'5'-PeCB	1,140				ES PCB-37	77.7
PCB-126 33'44'5-PeCB	1,070				ES PCB-54	61.9
PCB-156/157 233'44'5/233'44'5'-HxCB	28,600			E C J	ES PCB-77	74.6
PCB-167 23'44'55'-HxCB	25,000			E J	ES PCB-81	72.7
PCB-169 33'44'55'-HxCB	ND	81.2			ES PCB-104	69.9
PCB-189 233'44'55'-HpCB	11,000			E J	ES PCB-105	76.7
					ES PCB-114	73.4
TEQs (WHO 2005 M/H)					ES PCB-118	76.9
					ES PCB-123	74.1
ND = 0	112		112		ES PCB-126	59.3
ND = 0.5 x DL	113		113		ES PCB-153	102
ND = DL	114		114		ES PCB-155	63.6
					ES PCB-156/157	55.2
Totals					ES PCB-167	56.8
Mono-CB			0.56	JNX	ES PCB-169	40.3
Di-CB	1,400				ES PCB-170	112
Tri-CB	9,260			E J	ES PCB-180	177 V
Tetra-CB	89,600			E J	ES PCB-188	43.2
Penta-CB	259,000			E J	ES PCB-189	93.8
Hexa-CB	843,000			E J	ES PCB-202	49.6
Hepta-CB	1,090,000			E J	ES PCB-205	85.6
Octa-CB	466,000			E J	ES PCB-206	79.3
Nona-CB	22,500			E J	ES PCB-208	92.3
Deca-CB	531				ES PCB-209	78.6
					CS PCB-28	98.8
Total PCB (Mono-Deca)	2,780,000		2,780,000	E J	CS PCB-111	89.9
					CS PCB-178	45.4

Checkcode: 001-654-XDG/C SGS North America - PCB v0.99 Report Created: 23-Apr-2025 09:00 Analyst: pw

Sample ID: WOD-WPA-M-13

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.48 g	Sample ID:	C1489_21993_PCB_007-D5	Date Extracted:	03-Apr-2025
Date Collected:	03-Sep-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	16-Apr-2025
		Units	pg/g	Checkcode:	001-654-XDG/C	Time Analyzed:	04:29:53

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	[0.56] U	~~J B EMPC~~	PCB-19	4.81		PCB-54	16.2		PCB-72	1,620	
PCB-2	(0.356)		PCB-30/18	9.91	C	PCB-50/53	86.7	C	PCB-68	4,110	E J
PCB-3	(0.388)		PCB-17	6.44		PCB-45	(1.07)		PCB-57	(20.9)	
			PCB-27	6.24		PCB-51	142		PCB-58	(18.4)	
Conc.	0		PCB-24	(0.656)		PCB-46	7.03		PCB-67	(18.8)	
EMPC	0.56		PCB-16	1.81		PCB-52	2,790		PCB-63	1,830	
			PCB-32	11.6		PCB-73	61.6		PCB-61/70/74/76	3,740	C
Di	**Conc.**	**Qualifiers**	PCB-34	(3.33)		PCB-43	(0.888)		PCB-66	9,510	E J
PCB-4	2.56		PCB-23	(3.26)		PCB-69/49	5,220	C	PCB-55	(19.9)	
PCB-10	(0.622)		PCB-26/29	90.2	C	PCB-48	(0.974)		PCB-56	21.9	
PCB-9	(0.806)		PCB-25	23.2		PCB-44/47/65	57,500	E C J	PCB-60	149	
PCB-7	(0.898)		PCB-31	357		PCB-59/62/75	692	C	PCB-80	63.6	
PCB-6	1.14		PCB-28/20	7,720	E C J	PCB-42	84.7		PCB-79	299	
PCB-5	(0.927)		PCB-21/33	(3.17)	C	PCB-41	(1.25)		PCB-78	(25.2)	
PCB-8	2.1		PCB-22	(2.98)		PCB-71/40	111	C	PCB-81	(25.5)	
PCB-14	(0.931)		PCB-36	(2.93)		PCB-64	123		PCB-77	1,410	
PCB-11	30.2	U ~~B~~	PCB-39	74.6							
PCB-13/12	(0.975)	C	PCB-38	(3.31)							
PCB-15	1,360		PCB-35	(3.5)							
			PCB-37	956							
Conc.	1,400		**Conc.**	9,260					**Conc.**	89,600	
EMPC	1,400		**EMPC**	9,260					**EMPC**	89,600	

5500 Business Drive
Wilmington, NC 28405, USA
Tel: +1 910 794-1613
www.us.sgs.com

Totals	Conc.	EMPC
Mono-Tri	10,700	10,700
Tetra-Hexa	1,190,000	1,190,000
Hepta-Deca	1,580,000	1,580,000
Mono-Deca	2,780,000	2,780,000

SGS

Sample ID: WOD-WPA-M-13											Method 1668C
Penta	**Conc.**	**Qualifiers**	**Penta**	**Conc.**	**Qualifiers**	**Hexa**	**Conc.**	**Qualifiers**	**Hexa**	**Conc.**	**Qualifiers**
PCB-104	16.2		PCB-109/119/86/97/125/87	5,400	C	PCB-155	189		PCB-165	1,390	
PCB-96	28		PCB-117	9,630	E J	PCB-152	26.9		PCB-146	83,900	E J
PCB-103	506		PCB-116/85	2,150	C	PCB-150	143		PCB-161	(2.46)	
PCB-94	77.8		PCB-110	4,460	E J	PCB-136	1,950		PCB-153/168	293,000	E C J
PCB-95	10,700	E J	PCB-115	(10.9)		PCB-145	(3.34)		PCB-141	8,650	E J
PCB-100/93	4,170	C	PCB-82	135		PCB-148	429		PCB-130	7,960	E J
PCB-102	67		PCB-111	1,700		PCB-151/135	16,800	E C J	PCB-137	3,670	
PCB-98	26		PCB-120	3,030		PCB-154	3,190		PCB-164	1,200	
PCB-88	(14.5)		PCB-108/124	676	C	PCB-144	1,150		PCB-163/138/129	251,000	E C J
PCB-91	2,120		PCB-107	6,450	E J	PCB-147/149	43,200	E C J	PCB-160	(3.29)	
PCB-84	386		PCB-123	1,140		PCB-134	154		PCB-158	14,200	E J
PCB-89	(14.2)		PCB-106	(11.1)		PCB-143	(3.35)		PCB-128/166	38,700	E C J
PCB-121	520		PCB-118	66,800	E J	PCB-139/140	1,010	C	PCB-159	1,250	
PCB-92	17,500	E J	PCB-122	(14.6)		PCB-131	(3.8)		PCB-162	3,140	
PCB-113/90/101	33,400	E C J	PCB-114	1,390		PCB-142	(3.83)		PCB-167	25,000	E J
PCB-83	(19.9)		PCB-105	14,800	E J	PCB-132	3,620		PCB-156/157	28,600	E C J
PCB-99	70,300	E J	PCB-127	223		PCB-133	9,810	E J	PCB-169	(81.2)	
PCB-112	(9.16)		PCB-126	1,070							
			Conc.	259,000					**Conc.**	843,000	
			EMPC	259,000					**EMPC**	843,000	

Hepta	**Conc.**	**Qualifiers**	**Hepta**	**Conc.**	**Qualifiers**	**Octa**	**Conc.**	**Qualifiers**	**Nona**	**Conc.**	**Qualifiers**
PCB-188	377		PCB-174	14,800	E J	PCB-202	10,400	E J	PCB-208	2,920	
PCB-179	3,440		PCB-177	42,300	E J	PCB-201	8,240	E J	PCB-207	2,300	
PCB-184	55.9		PCB-181	431	J	PCB-204	11.1		PCB-206	17,300	E J
PCB-176	2,090		PCB-171/173	27,300	E C J	PCB-197	4,830	E J			
PCB-186	(3.39)		PCB-172	32,500	E J	PCB-200	1,420		**Conc.**	22,500	
PCB-178	51,700	E J	PCB-192	(24.8)		PCB-198/199	116,000	E C J	**EMPC**	22,500	
PCB-175	4,320	E J	PCB-180/193	354,000	E C J	PCB-196	61,300	E J			
PCB-187	198,000	E J	PCB-191	6,030	E J	PCB-203	83,600	E J	**Deca**	**Conc.**	**Qualifiers**
PCB-182	467	J	PCB-170	200,000	E J	PCB-195	44,300	E J	PCB-209	531	
PCB-183	89,700	E J	PCB-190	46,100	E J	PCB-194	129,000	E J			
PCB-185	1,660		PCB-189	11,000	E J	PCB-205	6,670	E J			
			Conc.	1,090,000		**Conc.**	466,000				
			EMPC	1,090,000		**EMPC**	466,000				

Sample ID: WOD-WPA-F-15

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.19 g	Sample ID:	C1489_21993_PCB_008-D5	Date Extracted:	03-Apr-2025
Date Collected:	06-Sep-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	16-Apr-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	567				ES PCB-1	50.3
PCB-81 344'5-TeCB	ND	11			ES PCB-3	53
PCB-105 233'44'-PeCB	10,800			E J	ES PCB-4	46.5
PCB-114 2344'5-PeCB	1,200				ES PCB-15	64.1
PCB-118 23'44'5-PeCB	49,400			E J	ES PCB-19	56.7
PCB-123 23'44'5'-PeCB	904				ES PCB-37	68.5
PCB-126 33'44'5-PeCB	482				ES PCB-54	55.7
PCB-156/157 233'44'5/233'44'5'-HxCB	22,300			E C J	ES PCB-77	62
PCB-167 23'44'55'-HxCB	21,500			E J	ES PCB-81	62.7
PCB-169 33'44'55'-HxCB	ND	87.5			ES PCB-104	59.7
PCB-189 233'44'55'-HpCB	10,600			E J	ES PCB-105	63.3
					ES PCB-114	56.6
TEQs (WHO 2005 M/H)					ES PCB-118	69.2
					ES PCB-123	64.8
ND = 0	51.7		51.7		ES PCB-126	52.8
ND = 0.5 x DL	53.1		53.1		ES PCB-153	111
ND = DL	54.4		54.4		ES PCB-155	59.9
					ES PCB-156/157	56.5
Totals					ES PCB-167	61.5
Mono-CB	ND	0.536			ES PCB-169	41.5
Di-CB	384				ES PCB-170	102
Tri-CB	2,160		2,170	JNX	ES PCB-180	169 V
Tetra-CB	22,100		22,100	E J	ES PCB-188	48.2
Penta-CB	123,000			E J	ES PCB-189	86.6
Hexa-CB	660,000			E J	ES PCB-202	51
Hepta-CB	961,000			E J	ES PCB-205	76
Octa-CB	489,000			E J	ES PCB-206	69.5
Nona-CB	28,300			E J	ES PCB-208	87.3
Deca-CB	793				ES PCB-209	74.5
					CS PCB-28	93.3
Total PCB (Mono-Deca)	2,290,000		2,290,000	E J	CS PCB-111	81.3
					CS PCB-178	48.6

Checkcode: 386-951-CPZ/C SGS North America - PCB v0.99 Report Created: 23-Apr-2025 09:00 Analyst: pw

Sample ID: WOD-WPA-F-15

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.19 g	Sample ID:	C1489_21993_PCB_008-D5	Date Extracted:	03-Apr-2025
Date Collected:	06-Sep-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	16-Apr-2025
		Units	pg/g	Checkcode:	386-951-CPZ/C	Time Analyzed:	05:27:19

Mono	Conc.	Qualifiers
PCB-1	(0.471)	
PCB-2	(0.552)	
PCB-3	(0.602)	
Conc.	0	
EMPC	0	
Di	**Conc.**	**Qualifiers**
PCB-4	2.82	
PCB-10	(0.686)	
PCB-9	(1.02)	
PCB-7	(1.14)	
PCB-6	(0.97)	
PCB-5	(1.17)	
PCB-8	1.23	
PCB-14	(1.18)	
PCB-11	37	U ~~B~~
PCB-13/12	(1.23)	C
PCB-15	343	
Conc.	384	
EMPC	384	

Tri	Conc.	Qualifiers
PCB-19	1.81	
PCB-30/18	3.7	C
PCB-17	[2.49] JNX	~~EMPC~~
PCB-27	(1.03)	
PCB-24	(1.03)	
PCB-16	(1.49)	
PCB-32	2.69	
PCB-34	(1.46)	
PCB-23	(1.43)	
PCB-26/29	[3.03] JNX	~~EMPC C~~
PCB-25	(1.18)	
PCB-31	12.6	
PCB-28/20	1,860	C
PCB-21/33	(1.39)	C
PCB-22	(1.31)	
PCB-36	(1.28)	
PCB-39	18.1	
PCB-38	(1.45)	
PCB-35	(1.53)	
PCB-37	266	
Conc.	2,160	
EMPC	2,170	

Tetra	Conc.	Qualifiers
PCB-54	[2.09] JNX	~~EMPC~~
PCB-50/53	[7.68] JNX	~~EMPC C~~
PCB-45	(1.82)	
PCB-51	8.98	
PCB-46	(1.96)	
PCB-52	91.4	
PCB-73	2.38	
PCB-43	(1.51)	
PCB-69/49	229	C
PCB-48	[1.4] JNX	~~EMPC~~
PCB-44/47/65	13,200	E C J
PCB-59/62/75	78.1	C
PCB-42	(1.83)	
PCB-41	(2.14)	
PCB-71/40	8.2	C
PCB-64	4.7	

SGS

Sample ID: WOD-WPA-F-15 — Method 1668C

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	(1.98)		PCB-109/119/86/97/125/87	482	C	PCB-155	118		PCB-165	1,140	
PCB-96	(1.98)		PCB-117	5,160	E J	PCB-152	(5.93)		PCB-146	67,000	E J
PCB-103	17.3		PCB-116/85	(4.53)	C	PCB-150	(6.89)		PCB-161	(3.85)	
PCB-94	(5.67)		PCB-110	(3.29)		PCB-136	46.6		PCB-153/168	305,000	E C J
PCB-95	391		PCB-115	402		PCB-145	(6.65)		PCB-141	2,030	
PCB-100/93	381	C	PCB-82	17.8		PCB-148	89.2		PCB-130	2,440	
PCB-102	(3.57)		PCB-111	1,330		PCB-151/135	1,730	C	PCB-137	1,950	
PCB-98	(5.49)		PCB-120	2,140		PCB-154	982		PCB-164	(4.13)	
PCB-88	(5.06)		PCB-108/124	50.7	C	PCB-144	83.2		PCB-163/138/129	176,000	E C J
PCB-91	70.8		PCB-107	2,470		PCB-147/149	8,790	E C J	PCB-160	(5.13)	
PCB-84	7.29		PCB-123	904		PCB-134	(6.73)		PCB-158	9,260	E J
PCB-89	(4.97)		PCB-106	(3.88)		PCB-143	(5.23)		PCB-128/166	28,000	E C J
PCB-121	287		PCB-118	49,400	E J	PCB-139/140	480	C	PCB-159	383	
PCB-92	3,870		PCB-122	(4.83)		PCB-131	(5.93)		PCB-162	2,210	
PCB-113/90/101	8,070	C	PCB-114	1,200		PCB-142	(5.98)		PCB-167	21,500	E J
PCB-83	(6.98)		PCB-105	10,800	E J	PCB-132	96.7		PCB-156/157	22,300	E C J
PCB-99	35,400	E J	PCB-127	(3.81)		PCB-133	8,000	E J	PCB-169	(87.5)	
PCB-112	(3.21)		PCB-126	482							
			Conc.	123,000					**Conc.**	660,000	
			EMPC	123,000					**EMPC**	660,000	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	126		PCB-174	2,730	J	PCB-202	8,630	E J	PCB-208	3,410	
PCB-179	180		PCB-177	19,800	E J	PCB-201	4,870	E J	PCB-207	2,260	
PCB-184	17.4		PCB-181	243	J	PCB-204	6.83		PCB-206	22,600	E J
PCB-176	114		PCB-171/173	18,900	E C J	PCB-197	4,300	E J			
PCB-186	(5.31)		PCB-172	28,300	E J	PCB-200	305		**Conc.**	28,300	
PCB-178	39,900	E J	PCB-192	(19.4)		PCB-198/199	129,000	E C J	**EMPC**	28,300	
PCB-175	2,530	J	PCB-180/193	376,000	E C J	PCB-196	56,900	E J			
PCB-187	184,000	E J	PCB-191	5,670	E J	PCB-203	92,400	E J	**Deca**	**Conc.**	**Qualifiers**
PCB-182	(20.1)		PCB-170	149,000	E J	PCB-195	38,900	E J	PCB-209	793	
PCB-183	79,000	E J	PCB-190	43,500	E J	PCB-194	146,000	E J			
PCB-185	(25.6)		PCB-189	10,600	E J	PCB-205	7,550	E J			
			Conc.	961,000		**Conc.**	489,000				
			EMPC	961,000		**EMPC**	489,000				

Sample ID: WOD-BBA-F-01

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.00 g	Sample ID:	C1489_21993_PCB_009-D5	Date Extracted:	03-Apr-2025
Date Collected:	20-Sep-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	16-Apr-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	58				ES PCB-1	64.3
PCB-81 344'5-TeCB	ND	2.86			ES PCB-3	66.6
PCB-105 233'44'-PeCB	493				ES PCB-4	55.5
PCB-114 2344'5-PeCB	38				ES PCB-15	76.3
PCB-118 23'44'5-PeCB	1,980				ES PCB-19	67.8
PCB-123 23'44'5'-PeCB	30.8				ES PCB-37	78.9
PCB-126 33'44'5-PeCB	34.3				ES PCB-54	66.5
PCB-156/157 233'44'5/233'44'5'-HxCB	885			C	ES PCB-77	73.3
PCB-167 23'44'55'-HxCB	847				ES PCB-81	75.8
PCB-169 33'44'55'-HxCB	ND	20.4			ES PCB-104	73.9
PCB-189 233'44'55'-HpCB	440				ES PCB-105	79
					ES PCB-114	72.6
TEQs (WHO 2005 M/H)					ES PCB-118	80.1
					ES PCB-123	83.1
ND = 0	3.57		3.57		ES PCB-126	65.3
ND = 0.5 x DL	3.88		3.88		ES PCB-153	107
ND = DL	4.19		4.19		ES PCB-155	118
					ES PCB-156/157	92.6
Totals					ES PCB-167	98.9
Mono-CB	0.953				ES PCB-169	59.7
Di-CB	49		54.2	JNX	ES PCB-170	108
Tri-CB	70		76.4	JNX	ES PCB-180	113
Tetra-CB	530				ES PCB-188	83.4
Penta-CB	4,380		4,420	JNX	ES PCB-189	96.7
Hexa-CB	45,900		45,900	E J	ES PCB-202	78.7
Hepta-CB	54,900		54,900	E J	ES PCB-205	92.1
Octa-CB	18,100			E J	ES PCB-206	81.6
Nona-CB	831				ES PCB-208	98.1
Deca-CB	48.9				ES PCB-209	89
					CS PCB-28	99.9
Total PCB (Mono-Deca)	125,000		125,000	E J	CS PCB-111	95.7
					CS PCB-178	76.4

Checkcode: 450-200-PGG/C SGS North America - PCB v0.99 Report Created: 23-Apr-2025 09:00 Analyst: pw

Sample ID: WOD-BBA-F-01

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.00 g	Sample ID:	C1489_21993_PCB_009-D5	Date Extracted:	03-Apr-2025
Date Collected:	20-Sep-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	16-Apr-2025
		Units	pg/g	Checkcode:	450-200-PGG/C	Time Analyzed:	06:24:45

Mono	Conc.	Qualifiers
PCB-1	0.953	U ~~J B~~
PCB-2	(0.439)	
PCB-3	(0.479)	
Conc.	0.953	
EMPC	0.953	
Di	**Conc.**	**Qualifiers**
PCB-4	4.89	
PCB-10	(0.696)	
PCB-9	(1.17)	
PCB-7	(1.3)	
PCB-6	1.77	
PCB-5	(1.34)	
PCB-8	[5.22]	JNX ~~EMPC~~
PCB-14	(1.35)	
PCB-11	34.5	U ~~B~~
PCB-13/12	(1.41)	C
PCB-15	7.85	
Conc.	49	
EMPC	54.2	

Tri	Conc.	Qualifiers
PCB-19	(1.4)	
PCB-30/18	7.1	C
PCB-17	[3.05]	JNX ~~EMPC~~
PCB-27	(0.993)	
PCB-24	(0.992)	
PCB-16	3.36	
PCB-32	2.28	
PCB-34	(1.48)	
PCB-23	(1.46)	
PCB-26/29	(1.44)	C
PCB-25	(1.2)	
PCB-31	4.32	
PCB-28/20	35.4	C
PCB-21/33	[3.26]	JNX ~~EMPC C~~
PCB-22	(1.33)	
PCB-36	(1.3)	
PCB-39	(1.48)	
PCB-38	(1.48)	
PCB-35	(1.56)	
PCB-37	17.6	
Conc.	70	
EMPC	76.4	

Tetra	Conc.	Qualifiers
PCB-54	(0.964)	
PCB-50/53	(1.41)	C
PCB-45	(1.71)	
PCB-51	(1.45)	
PCB-46	(1.83)	
PCB-52	8.45	
PCB-73	(1.13)	
PCB-43	(1.41)	
PCB-69/49	11.7	C
PCB-48	(1.55)	
PCB-44/47/65	219	C
PCB-59/62/75	3	J C
PCB-42	(1.71)	
PCB-41	(2)	
PCB-71/40	(1.4)	C
PCB-64	(1.19)	

SGS

Sample ID: WOD-BBA-F-01 — Method 1668C

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	(1.92)		PCB-109/119/86/97/125/87	29.3	C	PCB-155	(4.38)		PCB-165	56.2	
PCB-96	(1.91)		PCB-117	80.6		PCB-152	(4.31)		PCB-146	4,390	E J
PCB-103	(2.92)		PCB-116/85	[17.2] JNX	~~EMPC C~~	PCB-150	(5.01)		PCB-161	(4.03)	
PCB-94	(3.51)		PCB-110	[14.9] JNX	~~EMPC~~	PCB-136	(5.4)		PCB-153/168	26,000	E C J
PCB-95	37.1		PCB-115	(2.37)		PCB-145	(4.84)		PCB-141	165	
PCB-100/93	13.3	C	PCB-82	(3.38)		PCB-148	[7.33] JNX	~~EMPC~~	PCB-130	237	
PCB-102	(2.21)		PCB-111	45.3		PCB-151/135	189	C	PCB-137	114	
PCB-98	(3.39)		PCB-120	103		PCB-154	78.8		PCB-164	(4.32)	
PCB-88	(3.13)		PCB-108/124	[5.31] JNX	~~EMPC C~~	PCB-144	9.87		PCB-163/138/129	10,100	C
PCB-91	(3.29)		PCB-107	133		PCB-147/149	640	C	PCB-160	(5.37)	
PCB-84	(3.77)		PCB-123	30.8		PCB-134	(7.05)		PCB-158	387	
PCB-89	(3.07)		PCB-106	(2.4)		PCB-143	(5.48)		PCB-128/166	1,140	C
PCB-121	[5.45] JNX	~~EMPC~~	PCB-118	1,980		PCB-139/140	19.9	C	PCB-159	[17.5] JNX	~~EMPC~~
PCB-92	172		PCB-122	(3.49)		PCB-131	(6.21)		PCB-162	100	
PCB-113/90/101	203	C	PCB-114	38		PCB-142	(6.26)		PCB-167	847	
PCB-83	(4.32)		PCB-105	493		PCB-132	[12.5] JNX	~~EMPC~~	PCB-156/157	885	C
PCB-99	985		PCB-127	(3.06)		PCB-133	505		PCB-169	(20.4)	
PCB-112	(1.98)		PCB-126	34.3							
			Conc.	4,380					**Conc.**	45,900	
			EMPC	4,420					**EMPC**	45,900	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	(5.17)		PCB-174	260		PCB-202	265		PCB-208	109	
PCB-179	13		PCB-177	1,120		PCB-201	121		PCB-207	56.9	
PCB-184	(5)		PCB-181	(10.9)		PCB-204	(3.9)		PCB-206	665	
PCB-176	[6.26] JNX	~~EMPC~~	PCB-171/173	967	C	PCB-197	147				
PCB-186	(4.68)		PCB-172	1,530		PCB-200	14.9		**Conc.**	831	
PCB-178	1,180		PCB-192	(9.3)		PCB-198/199	4,990	C	**EMPC**	831	
PCB-175	99.8		PCB-180/193	25,300	E C J	PCB-196	1,930				
PCB-187	10,700	E J	PCB-191	281		PCB-203	3,620		**Deca**	**Conc.**	**Qualifiers**
PCB-182	(9.64)		PCB-170	7,090	E J	PCB-195	1,470		PCB-209	48.9	
PCB-183	4,040	E J	PCB-190	1,880		PCB-194	5,300	E J			
PCB-185	(12.3)		PCB-189	440		PCB-205	265				
			Conc.	54,900		**Conc.**	18,100				
			EMPC	54,900		**EMPC**	18,100				

Sample ID: WOD-BBA-M-02

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.82 g	Sample ID:	C1489_21993_PCB_010-D5	Date Extracted:	03-Apr-2025
Date Collected:	20-Sep-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	16-Apr-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	9.38				ES PCB-1	71.4
PCB-81 344'5-TeCB	ND	1.21			ES PCB-3	71.3
PCB-105 233'44'-PeCB	86.9				ES PCB-4	61.3
PCB-114 2344'5-PeCB	7.88				ES PCB-15	81.8
PCB-118 23'44'5-PeCB	292				ES PCB-19	71.5
PCB-123 23'44'5'-PeCB	4.43				ES PCB-37	85
PCB-126 33'44'5-PeCB	5.26				ES PCB-54	66.1
PCB-156/157 233'44'5/233'44'5'-HxCB	99			C	ES PCB-77	72.5
PCB-167 23'44'55'-HxCB	61.3				ES PCB-81	74.5
PCB-169 33'44'55'-HxCB	ND	9.36			ES PCB-104	70.2
PCB-189 233'44'55'-HpCB	42.4				ES PCB-105	77.3
					ES PCB-114	75.2
TEQs (WHO 2005 M/H)					ES PCB-118	81.3
					ES PCB-123	83.3
ND = 0	0.545		0.545		ES PCB-126	56.8
ND = 0.5 x DL	0.686		0.686		ES PCB-153	94.4
ND = DL	0.826		0.826		ES PCB-155	100
					ES PCB-156/157	84.4
Totals					ES PCB-167	93.3
Mono-CB	1.23		2.02	JNX	ES PCB-169	57.9
Di-CB	49				ES PCB-170	115
Tri-CB	51		56.6	JNX	ES PCB-180	126
Tetra-CB	342		344	JNX	ES PCB-188	75.6
Penta-CB	1,220				ES PCB-189	105
Hexa-CB	6,220		6,250	JNX	ES PCB-202	81.8
Hepta-CB	5,200		5,220	JNX	ES PCB-205	90.2
Octa-CB	1,370				ES PCB-206	81.8
Nona-CB	129				ES PCB-208	106
Deca-CB	24.7				ES PCB-209	93
					CS PCB-28	100
Total PCB (Mono-Deca)	14,600		14,700		CS PCB-111	88.4
					CS PCB-178	67.4

Checkcode: 461-223-GMZ/C SGS North America - PCB v0.99 Report Created: 23-Apr-2025 09:00 Analyst: pw

Sample ID: WOD-BBA-M-02

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.82 g	Sample ID:	C1489_21993_PCB_010-D5	Date Extracted:	03-Apr-2025
Date Collected:	20-Sep-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	16-Apr-2025
		Units	pg/g	Checkcode:	461-223-GMZ/C	Time Analyzed:	07:22:10

Mono	Conc.	Qualifiers
PCB-1	1.23	
PCB-2	(0.376)	
PCB-3	[0.789] U	~~J B EMPC~~
Conc.	1.23	
EMPC	2.02	
Di	**Conc.**	**Qualifiers**
PCB-4	6.86	
PCB-10	(0.486)	
PCB-9	(0.908)	
PCB-7	(1.01)	
PCB-6	2.53	
PCB-5	(1.05)	
PCB-8	6.78	
PCB-14	(1.05)	
PCB-11	27.2	U ~~B~~
PCB-13/12	(1.1)	C
PCB-15	5.6	
Conc.	49	
EMPC	49	

Tri	Conc.	Qualifiers
PCB-19	[1.43] JNX	~~EMPC~~
PCB-30/18	6.15	C
PCB-17	3.37	
PCB-27	(0.648)	
PCB-24	(0.647)	
PCB-16	2.48	
PCB-32	[1.47] JNX	~~EMPC~~
PCB-34	(1.24)	
PCB-23	(1.21)	
PCB-26/29	(1.2)	C
PCB-25	(1)	
PCB-31	5.93	
PCB-28/20	25.1	C
PCB-21/33	[2.73] JNX	~~EMPC C~~
PCB-22	1.06	
PCB-36	(1.09)	
PCB-39	(1.23)	
PCB-38	(1.23)	
PCB-35	(1.3)	
PCB-37	6.91	
Conc.	51	
EMPC	56.6	

Tetra	Conc.	Qualifiers
PCB-54	(0.632)	
PCB-50/53	1.11	J C
PCB-45	(0.757)	
PCB-51	[0.78] JNX	~~J EMPC~~
PCB-46	(0.814)	
PCB-52	22.7	
PCB-73	(0.504)	
PCB-43	(0.628)	
PCB-69/49	30.5	C
PCB-48	(0.689)	
PCB-44/47/65	162	C
PCB-59/62/75	3.89	C
PCB-42	(0.759)	
PCB-41	(0.888)	
PCB-71/40	1.54	J C
PCB-64	[1.92] U	~~B EMPC~~

SGS

Sample ID: WOD-BBA-M-02											Method 1668C
Penta	**Conc.**	**Qualifiers**	**Penta**	**Conc.**	**Qualifiers**	**Hexa**	**Conc.**	**Qualifiers**	**Hexa**	**Conc.**	**Qualifiers**
PCB-104	(1.22)		PCB-109/119/86/97/125/87	42	C	PCB-155	(3.21)		PCB-165	7	
PCB-96	(1.22)		PCB-117	20.3		PCB-152	(3.16)		PCB-146	514	
PCB-103	3.61		PCB-116/85	29.1	C	PCB-150	(3.67)		PCB-161	(3.64)	
PCB-94	(2.62)		PCB-110	37.8		PCB-136	18.2		PCB-153/168	2,190	C
PCB-95	79.3		PCB-115	(1.77)		PCB-145	(3.54)		PCB-141	123	
PCB-100/93	18.6	C	PCB-82	(2.53)		PCB-148	6.73		PCB-130	98.8	
PCB-102	(1.65)		PCB-111	4.62		PCB-151/135	357	C	PCB-137	26.4	
PCB-98	(2.54)		PCB-120	12.3		PCB-154	40.6		PCB-164	29.9	
PCB-88	(2.34)		PCB-108/124	5.16	C	PCB-144	[15.1] JNX ~~EMPC~~		PCB-163/138/129	1,750	C
PCB-91	12.5		PCB-107	34.6		PCB-147/149	515	C	PCB-160	(4.85)	
PCB-84	4.53		PCB-123	4.43		PCB-134	(6.36)		PCB-158	90.4	
PCB-89	(2.3)		PCB-106	(1.79)		PCB-143	(4.94)		PCB-128/166	149	C
PCB-121	(1.55)		PCB-118	292		PCB-139/140	10.7	C	PCB-159	[9.37] JNX ~~EMPC~~	
PCB-92	121		PCB-122	(2.3)		PCB-131	(5.6)		PCB-162	10.8	
PCB-113/90/101	160	C	PCB-114	7.88		PCB-142	(5.65)		PCB-167	61.3	
PCB-83	(3.23)		PCB-105	86.9		PCB-132	58		PCB-156/157	99	C
PCB-99	238		PCB-127	(2.15)		PCB-133	68.8		PCB-169	(9.36)	
PCB-112	(1.48)		PCB-126	5.26							
			Conc.	1,220					**Conc.**	6,220	
			EMPC	1,220					**EMPC**	6,250	

Hepta	**Conc.**	**Qualifiers**	**Hepta**	**Conc.**	**Qualifiers**	**Octa**	**Conc.**	**Qualifiers**	**Nona**	**Conc.**	**Qualifiers**
PCB-188	(3.73)		PCB-174	269		PCB-202	60.6		PCB-208	22	
PCB-179	72.3		PCB-177	306		PCB-201	31.5		PCB-207	11.2	
PCB-184	(3.61)		PCB-181	(6.7)		PCB-204	(1.79)		PCB-206	95.7	
PCB-176	21.7		PCB-171/173	136	C	PCB-197	12.7				
PCB-186	(3.38)		PCB-172	167		PCB-200	18.5		**Conc.**	129	
PCB-178	207		PCB-192	(5.7)		PCB-198/199	354	C	**EMPC**	129	
PCB-175	22.2		PCB-180/193	1,580	C	PCB-196	122				
PCB-187	1,230		PCB-191	23.5		PCB-203	236		**Deca**	**Conc.**	**Qualifiers**
PCB-182	(5.9)		PCB-170	585		PCB-195	129		PCB-209	24.7	
PCB-183	357		PCB-190	186		PCB-194	383				
PCB-185	[21.2] JNX ~~EMPC~~		PCB-189	42.4		PCB-205	24				
			Conc.	5,200		**Conc.**	1,370				
			EMPC	5,220		**EMPC**	1,370				

Sample ID: WOD-BBA-M-03

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.55 g	Sample ID:	C1489_21993_PCB_011-D5	Date Extracted:	03-Apr-2025
Date Collected:	20-Sep-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	16-Apr-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	106				ES PCB-1	71.7
PCB-81 344'5-TeCB	ND	2.97			ES PCB-3	75.6
PCB-105 233'44'-PeCB	1,300				ES PCB-4	64.2
PCB-114 2344'5-PeCB	86.7				ES PCB-15	89.4
PCB-118 23'44'5-PeCB	5,260			E J	ES PCB-19	79.1
PCB-123 23'44'5'-PeCB	97.8				ES PCB-37	98.4
PCB-126 33'44'5-PeCB	EMPC		44.5		ES PCB-54	71
PCB-156/157 233'44'5/233'44'5'-HxCB	2,270			C	ES PCB-77	86
PCB-167 23'44'55'-HxCB	1,810				ES PCB-81	88
PCB-169 33'44'55'-HxCB	ND	17.6			ES PCB-104	79.8
PCB-189 233'44'55'-HpCB	747				ES PCB-105	89.1
					ES PCB-114	87
TEQs (WHO 2005 M/H)					ES PCB-118	91.5
					ES PCB-123	91.5
ND = 0	0.358		4.81		ES PCB-126	76.1
ND = 0.5 x DL	0.914		5.07		ES PCB-153	109
ND = DL	1.47		5.34		ES PCB-155	113
					ES PCB-156/157	92.8
Totals					ES PCB-167	110
Mono-CB			0.845	JNX	ES PCB-169	70.4
Di-CB	51.3		54.1	JNX	ES PCB-170	139
Tri-CB	127		134	JNX	ES PCB-180	152 V
Tetra-CB	1,540		1,540		ES PCB-188	78.1
Penta-CB	13,800		13,800	E J	ES PCB-189	123
Hexa-CB	124,000		124,000	E J	ES PCB-202	90.8
Hepta-CB	108,000			E J	ES PCB-205	108
Octa-CB	30,300			E J	ES PCB-206	100
Nona-CB	1,620				ES PCB-208	121
Deca-CB	106				ES PCB-209	105
					CS PCB-28	114
Total PCB (Mono-Deca)	279,000		279,000	E J	CS PCB-111	95.2
					CS PCB-178	69.7

Checkcode: 553-017-YSQ/C SGS North America - PCB v0.99 Report Created: 23-Apr-2025 09:00 Analyst: pw

Sample ID: WOD-BBA-M-03

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.55 g	Sample ID:	C1489_21993_PCB_011-D5	Date Extracted:	03-Apr-2025
Date Collected:	20-Sep-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	16-Apr-2025
		Units	pg/g	Checkcode:	553-017-YSQ/C	Time Analyzed:	08:19:35

Mono	Conc.	Qualifiers
PCB-1	[0.845] U	~~J B EMPC~~
PCB-2	(0.304)	
PCB-3	(0.332)	
Conc.	0	
EMPC	0.845	

Di	Conc.	Qualifiers
PCB-4	4.06	
PCB-10	(0.521)	
PCB-9	(0.859)	
PCB-7	(0.958)	
PCB-6	1.21	
PCB-5	(0.989)	
PCB-8	[2.79] JNX	~~EMPC~~
PCB-14	(0.993)	
PCB-11	25.7 U	~~B~~
PCB-13/12	(1.04)	C
PCB-15	20.3	
Conc.	51.3	
EMPC	54.1	

Tri	Conc.	Qualifiers
PCB-19	(0.716)	
PCB-30/18	[2.42] JNX	~~EMPC C~~
PCB-17	[1.41] JNX	~~EMPC~~
PCB-27	(0.507)	
PCB-24	(0.506)	
PCB-16	[1.07] JNX	~~EMPC~~
PCB-32	0.77	J
PCB-34	(0.993)	
PCB-23	(0.974)	
PCB-26/29	1.6	J C
PCB-25	(0.804)	
PCB-31	7.57	
PCB-28/20	80	C
PCB-21/33	1.61 U	~~J B C~~
PCB-22	(0.89)	
PCB-36	(0.873)	
PCB-39	[1.72] JNX	~~EMPC~~
PCB-38	(0.987)	
PCB-35	(1.04)	
PCB-37	35.3	
Conc.	127	
EMPC	134	

Tetra	Conc.	Qualifiers
PCB-54	(0.393)	
PCB-50/53	1.25	J C
PCB-45	(0.758)	
PCB-51	1.81	
PCB-46	(0.815)	
PCB-52	57.9	
PCB-73	(0.504)	
PCB-43	(0.629)	
PCB-69/49	83.4	C
PCB-48	(0.69)	
PCB-44/47/65	599	C
PCB-59/62/75	13.8	C
PCB-42	1.54	
PCB-41	(0.889)	
PCB-71/40	[2.11] JNX	~~EMPC C~~
PCB-64	[4.19] JNX	~~EMPC~~

SGS

Sample ID: WOD-BBA-M-03 — Method 1668C

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	(1.01)		PCB-109/119/86/97/125/87	156	C	PCB-155	6.56		PCB-165	115	
PCB-96	(1.01)		PCB-117	289		PCB-152	(2.46)		PCB-146	10,600	E J
PCB-103	14.7		PCB-116/85	178	C	PCB-150	[3.34] JNX ~~EMPC~~		PCB-161	(2.78)	
PCB-94	(2.08)		PCB-110	215		PCB-136	68.3		PCB-153/168	65,900	E C J
PCB-95	318		PCB-115	(1.4)		PCB-145	(2.76)		PCB-141	721	
PCB-100/93	66.9	C	PCB-82	6.3		PCB-148	34.9		PCB-130	961	
PCB-102	1.81		PCB-111	95.1		PCB-151/135	1,880	C	PCB-137	334	
PCB-98	(2.01)		PCB-120	257		PCB-154	267		PCB-164	144	
PCB-88	(1.86)		PCB-108/124	34.7	C	PCB-144	76.9		PCB-163/138/129	29,800	E C J
PCB-91	44.1		PCB-107	399		PCB-147/149	3,290	C	PCB-160	(3.71)	
PCB-84	8.85		PCB-123	97.8		PCB-134	(4.87)		PCB-158	1,240	
PCB-89	(1.82)		PCB-106	(1.42)		PCB-143	(3.79)		PCB-128/166	2,800	C
PCB-121	15.8		PCB-118	5,260	E J	PCB-139/140	76.8	C	PCB-159	71.5	
PCB-92	799		PCB-122	(2.06)		PCB-131	(4.29)		PCB-162	206	
PCB-113/90/101	1,040	C	PCB-114	86.7		PCB-142	(4.33)		PCB-167	1,810	
PCB-83	(2.56)		PCB-105	1,300		PCB-132	251		PCB-156/157	2,270	C
PCB-99	3,090		PCB-127	14.5		PCB-133	1,040		PCB-169	(17.6)	
PCB-112	8.11		PCB-126	[44.5] JNX ~~EMPC~~							
			Conc.	13,800					**Conc.**	124,000	
			EMPC	13,800					**EMPC**	124,000	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	17.4		PCB-174	1,340	J	PCB-202	552		PCB-208	228	
PCB-179	275		PCB-177	3,550	J	PCB-201	352		PCB-207	130	
PCB-184	(2.97)		PCB-181	33.1	J	PCB-204	(1.83)		PCB-206	1,270	
PCB-176	92.9		PCB-171/173	2,380	J C	PCB-197	282				
PCB-186	(2.78)		PCB-172	2,850	J	PCB-200	87.8		**Conc.**	1,620	
PCB-178	2,670		PCB-192	(6.73)		PCB-198/199	7,770	E C J	**EMPC**	1,620	
PCB-175	274	J	PCB-180/193	43,200	E C J	PCB-196	3,190				
PCB-187	22,500	E J	PCB-191	508		PCB-203	5,980	E J	**Deca**	**Conc.**	**Qualifiers**
PCB-182	(6.97)		PCB-170	14,100	E J	PCB-195	3,030		PCB-209	106	
PCB-183	9,240	E J	PCB-190	3,920	E J	PCB-194	8,630	E J			
PCB-185	(8.86)		PCB-189	747		PCB-205	455				
			Conc.	108,000		**Conc.**	30,300				
			EMPC	108,000		**EMPC**	30,300				

Sample ID: WOD-BBA-F-09

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.05 g	Sample ID:	C1489_21993_PCB_012-D5	Date Extracted:	03-Apr-2025
Date Collected:	26-Sep-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	16-Apr-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	102				ES PCB-1	63.5
PCB-81 344'5-TeCB	ND	2.76			ES PCB-3	66.1
PCB-105 233'44'-PeCB	1,230				ES PCB-4	58.5
PCB-114 2344'5-PeCB	92				ES PCB-15	77.6
PCB-118 23'44'5-PeCB	4,810			E J	ES PCB-19	71.5
PCB-123 23'44'5'-PeCB	54.1				ES PCB-37	89.1
PCB-126 33'44'5-PeCB	44.5				ES PCB-54	65.7
PCB-156/157 233'44'5/233'44'5'-HxCB	1,860			C	ES PCB-77	73.7
PCB-167 23'44'55'-HxCB	1,550				ES PCB-81	75.6
PCB-169 33'44'55'-HxCB	ND	16			ES PCB-104	71.4
PCB-189 233'44'55'-HpCB	713				ES PCB-105	81
					ES PCB-114	76.2
TEQs (WHO 2005 M/H)					ES PCB-118	81.5
					ES PCB-123	87.7
ND = 0	4.77		4.77		ES PCB-126	64.6
ND = 0.5 x DL	5.01		5.01		ES PCB-153	100
ND = DL	5.25		5.25		ES PCB-155	104
					ES PCB-156/157	87.6
Totals					ES PCB-167	91.3
Mono-CB	0.461		0.989	JNX	ES PCB-169	62.4
Di-CB	64.2				ES PCB-170	119
Tri-CB	149		155	JNX	ES PCB-180	132
Tetra-CB	1,650		1,660	JNX	ES PCB-188	72.2
Penta-CB	12,200		12,200	E J	ES PCB-189	109
Hexa-CB	95,100			E J	ES PCB-202	74.4
Hepta-CB	87,800			E J	ES PCB-205	94.2
Octa-CB	29,900			E J	ES PCB-206	88
Nona-CB	1,610				ES PCB-208	109
Deca-CB	120				ES PCB-209	94.2
					CS PCB-28	99
Total PCB (Mono-Deca)	229,000		229,000	E J	CS PCB-111	90.3
					CS PCB-178	67.5

Checkcode: 160-744-MFT/C SGS North America - PCB v0.99 Report Created: 23-Apr-2025 09:00 Analyst: pw

Sample ID: WOD-BBA-F-09

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1489	Date Received:	10-Oct-2024
Project ID:	30230743.3	Weight/Volume:	10.05 g	Sample ID:	C1489_21993_PCB_012-D5	Date Extracted:	03-Apr-2025
Date Collected:	26-Sep-2024	% Lipid	n/a	QC Batch No.:	21993	Date Analyzed:	16-Apr-2025
		Units	pg/g	Checkcode:	160-744-MFT/C	Time Analyzed:	09:17:00

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	[0.528] U	~~J B EMPC~~	PCB-19	(0.741)		PCB-54	(0.569)		PCB-72	57.4	
PCB-2	(0.282)		PCB-30/18	[1.86] JNX	~~J EMPC C~~	PCB-50/53	(0.686)	C	PCB-68	88.8	
PCB-3	0.461 U	~~J B~~	PCB-17	[1.02] JNX	~~EMPC~~	PCB-45	(0.827)		PCB-57	(2.27)	
			PCB-27	(0.525)		PCB-51	(0.701)		PCB-58	(1.99)	
Conc.	0.461		PCB-24	(0.524)		PCB-46	(0.889)		PCB-67	(2.03)	
EMPC	0.989		PCB-16	[0.715] JNX	~~J EMPC~~	PCB-52	33.7		PCB-63	41	
			PCB-32	0.663	J	PCB-73	(0.55)		PCB-61/70/74/76	151	C
Di	**Conc.**	**Qualifiers**	PCB-34	(0.785)		PCB-43	(0.686)		PCB-66	454	
PCB-4	2.82		PCB-23	(0.77)		PCB-69/49	49.1	C	PCB-55	(2.15)	
PCB-10	(0.481)		PCB-26/29	(0.76)	C	PCB-48	(0.752)		PCB-56	(2.32)	
PCB-9	(0.595)		PCB-25	(0.635)		PCB-44/47/65	634	C	PCB-60	16	
PCB-7	(0.664)		PCB-31	4.13		PCB-59/62/75	11.4	C	PCB-80	[2.25] JNX	~~EMPC~~
PCB-6	1.14		PCB-28/20	96.1	C	PCB-42	(0.829)		PCB-79	12.2	
PCB-5	(0.685)		PCB-21/33	1.37 U	~~J B C~~	PCB-41	(0.969)		PCB-78	(2.73)	
PCB-8	2.67		PCB-22	(0.703)		PCB-71/40	[1.26] JNX	~~J EMPC C~~	PCB-81	(2.76)	
PCB-14	(0.688)		PCB-36	(0.69)		PCB-64	2.41		PCB-77	102	
PCB-11	30.8 U	~~B~~	PCB-39	[2.41] JNX	~~EMPC~~						
PCB-13/12	(0.72)	C	PCB-38	(0.78)							
PCB-15	26.8		PCB-35	(0.824)							
			PCB-37	47.2							
Conc.	64.2		**Conc.**	149					**Conc.**	1,650	
EMPC	64.2		**EMPC**	155					**EMPC**	1,660	

5500 Business Drive
Wilmington, NC 28405, USA
Tel: +1 910 794-1613
www.us.sgs.com

Totals	Conc.	EMPC
Mono-Tri	214	221
Tetra-Hexa	109,000	109,000
Hepta-Deca	119,000	119,000
Mono-Deca	229,000	229,000

SGS

Sample ID: WOD-BBA-F-09 — Method 1668C

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	(1.14)		PCB-109/119/86/97/125/87	151	C	PCB-155	4.65		PCB-165	102	
PCB-96	(1.14)		PCB-117	202		PCB-152	(2.48)		PCB-146	8,280	E
PCB-103	[5.27] JNX	~~EMPC~~	PCB-116/85	121	C	PCB-150	(2.88)		PCB-161	(2.56)	
PCB-94	(1.9)		PCB-110	97.6		PCB-136	34.6		PCB-153/168	49,900	E C J
PCB-95	227		PCB-115	(1.28)		PCB-145	(2.78)		PCB-141	489	
PCB-100/93	43.3	C	PCB-82	(1.83)		PCB-148	30.3		PCB-130	947	
PCB-102	(1.19)		PCB-111	85.3		PCB-151/135	1,840	C	PCB-137	272	
PCB-98	(1.83)		PCB-120	217		PCB-154	261		PCB-164	76.1	
PCB-88	(1.69)		PCB-108/124	26.7	C	PCB-144	52.2		PCB-163/138/129	21,900	E C J
PCB-91	17.8		PCB-107	409		PCB-147/149	2,750	C	PCB-160	(3.41)	
PCB-84	[3.42] JNX	~~EMPC~~	PCB-123	54.1		PCB-134	(4.47)		PCB-158	898	
PCB-89	(1.66)		PCB-106	(1.3)		PCB-143	(3.47)		PCB-128/166	2,310	C
PCB-121	10.1		PCB-118	4,810	E J	PCB-139/140	55.2	C	PCB-159	66.2	
PCB-92	884		PCB-122	(1.73)		PCB-131	(3.94)		PCB-162	167	
PCB-113/90/101	717	C	PCB-114	92		PCB-142	(3.97)		PCB-167	1,550	
PCB-83	(2.33)		PCB-105	1,230		PCB-132	128		PCB-156/157	1,860	C
PCB-99	2,740		PCB-127	11.5		PCB-133	1,020		PCB-169	(16)	
PCB-112	(1.07)		PCB-126	44.5							
			Conc.	12,200					**Conc.**	95,100	
			EMPC	12,200					**EMPC**	95,100	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	14		PCB-174	1,190		PCB-202	714		PCB-208	214	
PCB-179	186		PCB-177	2,900		PCB-201	296		PCB-207	117	
PCB-184	(3.37)		PCB-181	23.6		PCB-204	(2.25)		PCB-206	1,280	
PCB-176	65.1		PCB-171/173	1,720	C	PCB-197	250				
PCB-186	(3.15)		PCB-172	2,270		PCB-200	103		**Conc.**	1,610	
PCB-178	3,140		PCB-192	(6.16)		PCB-198/199	7,720	C	**EMPC**	1,610	
PCB-175	194		PCB-180/193	37,500	E C J	PCB-196	2,900				
PCB-187	15,400	E J	PCB-191	378		PCB-203	5,730	E J	**Deca**	**Conc.**	**Qualifiers**
PCB-182	63.9		PCB-170	12,100	E J	PCB-195	2,800		PCB-209	120	
PCB-183	6,120	E J	PCB-190	3,640		PCB-194	8,920	E J			
PCB-185	136		PCB-189	713		PCB-205	466				
			Conc.	87,800		**Conc.**	29,900				
			EMPC	87,800		**EMPC**	29,900				

Arcadis U.S., Inc.
One Lincoln Center, 110 West Fayette Street, Suite 300
Syracuse
New York 13202
Phone: 315 446 9120
Fax: 315 449 0017
www.arcadis.com

Appendix J
Analytical Data Summary Tables (Waterfowl)

Table J-1
Summary of 2024 Waterfowl Aroclor PCB Data

Sample ID	Date Collected	Aroclor-1016 (mg/kg)	Aroclor-1221 (mg/kg)	Aroclor-1232 (mg/kg)	Aroclor-1242 (mg/kg)	Aroclor-1248 (mg/kg)	Aroclor-1254 (mg/kg)	Aroclor-1260 (mg/kg)	Total PCBs (mg/kg)	Lipid Content (%)
Reach 6 (Woods Pond)										
MAL-WPA-M-01	8/28/2024	ND(0.094)	ND(0.094)	ND(0.094)	ND(0.094)	ND(0.094)	ND(0.094)	4.09	4.09	1.68
MAL-WPA-F-02	8/28/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	1.43	1.43	0.36
MAL-WPA-F-03	8/28/2024	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	1.95	1.95	0.56
MAL-WPA-F-04	8/28/2024	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	2.35	2.35	1.03
MAL-WPA-F-05	8/29/2024	ND(0.091)	ND(0.091)	ND(0.091)	ND(0.091)	ND(0.091)	ND(0.091)	5.84	5.84	0.88
MAL-WPA-F-06	8/29/2024	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.827	0.426	1.25	3.88
MAL-WPA-F-06 Lab DUP	8/29/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.476	0.476	4.38
MAL-WPA-M-07	8/29/2024	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	1.98	1.98	7.54
WOD-WPA-M-01	8/29/2024	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	1.57	1.57	4.61
WOD-WPA-F-02	8/29/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	1.1	1.1	9.43
WOD-WPA-M-03	9/3/2024	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.978	0.978	3.03
WOD-WPA-M-04	9/3/2024	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	1.05	1.05	9.97
WOD-WPA-F-05	9/3/2024	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	1.12	1.12	3.22
WOD-WPA-F-06	9/3/2024	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	2.22	2.22	6.30
WOD-WPA-F-07	9/3/2024	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	1.52	1.52	2.02
WOD-WPA-F-08	9/3/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.267	1.35	1.62	7.30
WOD-WPA-M-09	9/3/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	2.66	2.66	6.01
WOD-WPA-M-10	9/3/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.0913	0.618	0.709	6.98
WOD-WPA-M-11	9/3/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.0402	0.403	0.44	4.57
WOD-WPA-M-12	9/3/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.0517	0.411	0.46	4.92
WOD-WPA-M-13	9/3/2024	ND(0.098)	ND(0.098)	ND(0.098)	ND(0.098)	ND(0.098)	ND(0.098)	5.28	5.28	6.58
WOD-WPA-M-14	9/6/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.738	0.738	2.39
WOD-WPA-F-15	9/6/2024	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	0.544	0.544	1.59
WOD-WPA-M-16	9/6/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	1.93	1.93	5.96
WOD-WPA-F-17	9/6/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	1.35	1.35	4.84
WOD-WPA-M-18	9/6/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	1.53	1.53	1.83
WOD-WPA-F-19	9/13/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	1.54	1.54	7.46
WOD-WPA-M-20	9/13/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	2.21	2.21	9.65
Reach 12 (Bulls Bridge)										
WOD-BBA-F-01	9/20/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.986	0.986	1.86
WOD-BBA-M-02	9/20/2024	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.0146 J	0.0146 J	12.84
WOD-BBA-M-03	9/20/2024	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.289	0.289	13.70
WOD-BBA-M-04	9/20/2024	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.419	0.419	4.48
WOD-BBA-M-05	9/20/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.0979	0.0979	2.75
WOD-BBA-M-06	9/20/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.0794	0.0794	1.62
WOD-BBA-M-07	9/20/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.355	0.355	10.45
WOD-BBA-F-08	9/26/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.117	0.117	4.43
WOD-BBA-F-09	9/26/2024	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	ND(0.018)	0.158	0.158	4.61
WOD-BBA-M-10	9/26/2024	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.017 J	0.017 J	6.62
WOD-BBA-M-11	9/26/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.844	0.844	8.87
WOD-BBA-M-11 Lab DUP	9/26/2024	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.757	0.757	9.17
WOD-BBA-M-12	9/26/2024	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	ND(0.020)	0.237	0.237	9.19
WOD-BBA-M-13	9/26/2024	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	ND(0.019)	0.0435	0.0435	2.25
Cracked Corn										**Total Solids (%)**
CRACKED CORN BAG 1	8/21/2024	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	84.4
CRACKED CORN BAG 6	8/28/2024	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	86.3
CRACKED CORN BAG 11	9/6/2024	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	ND(0.024)	83.2
CRACKED CORN BAG 16	9/18/2024	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	ND(0.022)	86.2
CRACKED CORN BAG 17	9/19/2024	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	ND(0.023)	86.2

Notes:
ND - Analyte was not detected. The number in parentheses is the associated reporting limit.
J = Indicates the compound was positively identified; however, the associated numerical value is an estimated concentration only.

Table J-2
Waterfowl Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID: / Date Collected:	CAS Number	Units	MAL-WPA-M-01 08/28/24	MAL-WPA-F-05 08/29/24	MAL-WPA-F-06 08/29/24	MAL-WPA-M-07 08/29/24	WOD-WPA-F-08 09/03/24	WOD-WPA-M-10 09/03/24	WOD-WPA-M-13 09/03/24
PCB CONGENERS BY HRMS (EPA 1668C)									
PCB-1	2051-60-7	mg/kg	0.00000113 JNX	0.00000104	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-2	2051-61-8	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-3	2051-62-9	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-4	13029-08-8	mg/kg	0.0000258	0.0000105 JNX	0.00000476	0.00000437 JNX	0.0000026	0.00000199	0.00000256
PCB-5	16605-91-7	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-6	25569-80-6	mg/kg	0.00000175 JNX	0.00000164	0.000000992 U	0.0000014	0.00000141	0.00000128	0.00000114
PCB-7	33284-50-3	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-8	34883-43-7	mg/kg	0.00000269 JNX	0.00000327	0.00000175	0.00000282	0.00000219	0.00000153	0.0000021
PCB-9	34883-39-1	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-10	33146-45-1	mg/kg	0.00000103	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-11	2050-67-1	mg/kg	0.0000221 U	0.0000264 U	0.0000316 U	0.0000263 U	0.0000238 U	0.0000247 U	0.0000302 U
PCB-12/13	12-13	mg/kg	0.00000146 J	0.00000312	0.00000298 U	0.00000295 U	0.00000293 U	0.00000294 U	0.00000286 U
PCB-14	34883-41-5	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-15	2050-68-2	mg/kg	0.000122	0.000187	0.000502	0.000685	0.000682	0.000398	0.00136
PCB-16	38444-78-9	mg/kg	0.00000221	0.00000141 JNX	0.000000992 U	0.000000983 U	0.00000186	0.00000098 U	0.00000181
PCB-17	37680-66-3	mg/kg	0.0000155	0.0000112	0.00000735	0.00000912	0.0000091	0.00000521	0.00000644
PCB-18/30	18-30	mg/kg	0.00000744	0.0000074	0.00000609	0.00000708	0.00000989	0.0000055	0.00000991
PCB-19	38444-73-4	mg/kg	0.00003	0.0000142	0.00000941	0.00000781	0.00000673	0.00000447	0.00000481
PCB-20/28	20-28	mg/kg	0.00614	0.00692	0.00335	0.00737	0.00495	0.00255	0.00772 EJ
PCB-21/33	21-33	mg/kg	0.00000274 U	0.0000029 U	0.00000298 U	0.00000295 U	0.00000293 U	0.00000294 U	0.00000286 U
PCB-22	38444-85-8	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.00000541 JNX	0.000000976 U	0.00000299	0.000000954 U
PCB-23	55720-44-0	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-24	55702-45-9	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-25	55712-37-3	mg/kg	0.0000217	0.0000185	0.0000141	0.0000159	0.000032	0.0000189	0.0000232
PCB-26/29	26-29	mg/kg	0.0000902	0.0000847	0.0000586	0.0000706	0.00013	0.0000706	0.0000902
PCB-27	38444-76-7	mg/kg	0.00000914	0.00000942	0.00000532	0.0000058	0.00000755	0.00000376 JNX	0.00000624
PCB-31	16606-02-3	mg/kg	0.000462	0.000399	0.000191	0.000305	0.000456	0.000231	0.000357
PCB-32	38444-77-8	mg/kg	0.0000313	0.0000195	0.0000191	0.0000238	0.0000155	0.00000969	0.0000116
PCB-34	37680-68-5	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-35	37680-69-6	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-36	38444-87-0	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-37	38444-90-5	mg/kg	0.000192	0.000247	0.000339	0.000617	0.000579	0.000308	0.000956
PCB-38	53555-66-1	mg/kg	0.0000244	0.0000227	0.00000676	0.000015	0.000000976 U	0.00000555	0.000000954 U
PCB-39	38444-88-1	mg/kg	0.000000914 U	0.00000546 JNX	0.0000235	0.0000405	0.0000576	0.0000294	0.0000746
PCB-40/71	40-71	mg/kg	0.0000913	0.0000945	0.000119	0.000146	0.00016	0.0000917	0.000111
PCB-41	52663-59-9	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-42	36559-22-5	mg/kg	0.000153	0.0000982	0.0000501	0.0000973	0.000128	0.000068	0.0000847
PCB-43	70362-46-8	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-44/47/65	44-47-65	mg/kg	0.145 EJ	0.153 EJ	0.0424 EJ	0.0925 EJ	0.0686 EJ	0.0397 EJ	0.0575 EJ
PCB-45	70362-45-7	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-46	41464-47-5	mg/kg	0.000000914 U	0.00000629	0.00000701	0.00000919	0.00000833	0.0000057	0.00000703
PCB-48	70362-47-9	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.0000153	0.00000835	0.000000954 U
PCB-49/69	49-69	mg/kg	0.00986 EJ	0.00772	0.00373	0.00594	0.0091 EJ	0.00421	0.00522
PCB-50/53	50-53	mg/kg	0.0000631	0.0000614	0.00014	0.000147	0.000131	0.0000616	0.0000867

Table J-2
Waterfowl Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID: / Date Collected:	CAS Number	Units	MAL-WPA-M-01 08/28/24	MAL-WPA-F-05 08/29/24	MAL-WPA-F-06 08/29/24	MAL-WPA-M-07 08/29/24	WOD-WPA-F-08 09/03/24	WOD-WPA-M-10 09/03/24	WOD-WPA-M-13 09/03/24
PCB CONGENERS BY HRMS (EPA 1668C)									
PCB-51	68194-04-7	mg/kg	0.00013	0.000104	0.000183	0.000226	0.000198	0.000108	0.000142
PCB-52	35693-99-3	mg/kg	0.00255	0.00231	0.00139	0.00215	0.00457 EJ	0.00205	0.00279
PCB-54	15968-05-5	mg/kg	0.0000344	0.0000269	0.0000299	0.0000332	0.0000259	0.0000156	0.0000162
PCB-55	74338-24-2	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-56	41464-43-1	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.0000129	0.0000219
PCB-57	70424-67-8	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000978 JNX	0.000000954 U
PCB-58	41464-49-7	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-59/62/75	59-62-75	mg/kg	0.00226	0.00212	0.000614	0.0013	0.00107	0.00057	0.000692
PCB-60	33025-41-1	mg/kg	0.000564	0.000676	0.0000579	0.000159	0.000118	0.0000637	0.000149
PCB-61/70/74/76	61-70-74-76	mg/kg	0.00371	0.0043	0.00108	0.00261	0.003	0.00149	0.00374
PCB-63	74472-34-7	mg/kg	0.00177	0.00193	0.00053	0.00167	0.00108	0.000499	0.00183
PCB-64	52663-58-8	mg/kg	0.000104	0.0000849	0.0000445	0.0000646	0.00016	0.0000753	0.000123
PCB-66	32598-10-0	mg/kg	0.0156 EJ	0.0184 EJ	0.00475 EJ	0.0135 EJ	0.00881 EJ	0.00414 EJ	0.00951 EJ
PCB-67	73575-53-8	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-68	73575-52-7	mg/kg	0.00581 EJ	0.00634 EJ	0.00134	0.00486 EJ	0.00231	0.00129	0.00411 EJ
PCB-72	41464-42-0	mg/kg	0.000446	0.000486	0.000569	0.0013	0.00144	0.000662	0.00162
PCB-73	74338-23-1	mg/kg	0.0000378	0.0000404	0.0000541	0.0000661	0.0000949	0.0000546	0.0000616
PCB-77	32598-13-3	mg/kg	0.000727	0.000997	0.000327	0.00107	0.000867	0.000528	0.00141
PCB-78	70362-49-1	mg/kg	0.000103	0.0001	0.0000117 JNX	0.0000558	0.000000976 U	0.00000098 U	0.000000954 U
PCB-79	41464-48-6	mg/kg	0.0000733	0.0000885	0.0000872	0.000207	0.000273	0.000133	0.000299
PCB-80	33284-52-5	mg/kg	0.000000914 U	0.000000965 U	0.0000123	0.0000444	0.0000325	0.000016	0.0000636
PCB-81	70362-50-4	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-82	52663-62-4	mg/kg	0.000000914 U	0.000258	0.0000438	0.000112	0.000132	0.000064	0.000135
PCB-83	60145-20-2	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-84	52663-60-2	mg/kg	0.0000271	0.0000338	0.0000686	0.000113	0.000372	0.000244	0.000386
PCB-85/116	85-116	mg/kg	0.00643	0.00621	0.000896	0.00229	0.0027	0.00104	0.00215
PCB-86/87/97/109/119/125	868797109119125	mg/kg	0.0127	0.0128	0.00276	0.00669	0.0075	0.00347	0.0054
PCB-88	55215-17-3	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-89	73575-57-2	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-90/101/113	90-101-113	mg/kg	0.0834 EJ	0.0766 EJ	0.0127 EJ	0.0364 EJ	0.034 EJ	0.0158 EJ	0.0334 EJ
PCB-91	68194-05-8	mg/kg	0.0016	0.00131	0.000902	0.00149	0.00313	0.00152	0.00212
PCB-92	52663-61-3	mg/kg	0.00397 EJ	0.0043 EJ	0.00739 EJ	0.0168 EJ	0.0231 EJ	0.0102 EJ	0.0175 EJ
PCB-93/100	93-100	mg/kg	0.0116 EJ	0.0116 EJ	0.00288	0.00661	0.00658	0.00336	0.00417
PCB-94	73575-55-0	mg/kg	0.0000196	0.0000271	0.0000531	0.0000859	0.000127	0.0000778	0.0000778
PCB-95	38379-99-6	mg/kg	0.00107	0.0016	0.00405 EJ	0.00792 EJ	0.0128 EJ	0.00606 EJ	0.0107 EJ
PCB-96	73575-54-9	mg/kg	0.0000112 JNX	0.0000157	0.0000182	0.0000266	0.000032	0.000024	0.000028
PCB-98	60233-25-2	mg/kg	0.0000487	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.0000243	0.000026
PCB-99	38380-01-7	mg/kg	0.133 EJ	0.146 EJ	0.0173 EJ	0.0663 EJ	0.0356 EJ	0.0196 EJ	0.0703 EJ
PCB-102	68194-06-9	mg/kg	0.000000914 U	0.0000464	0.0000647	0.0000871	0.000135	0.0000444	0.000067
PCB-103	60145-21-3	mg/kg	0.000812	0.00057	0.00029	0.000529	0.000845	0.000404	0.000506
PCB-104	56558-16-8	mg/kg	0.000022	0.0000144	0.0000182	0.0000251	0.0000295	0.0000164	0.0000162
PCB-105	32598-14-4	mg/kg	0.0422 EJ	0.0491 EJ	0.00344	0.0151 EJ	0.00759 EJ	0.00557 EJ	0.0148 EJ
PCB-106	70424-69-0	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-107	70424-68-9	mg/kg	0.0121 EJ	0.0136 EJ	0.00157	0.00599 EJ	0.0047 EJ	0.00221	0.00645 EJ

Table J-2
Waterfowl Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID: / Date Collected:	CAS Number	Units	MAL-WPA-M-01 08/28/24	MAL-WPA-F-05 08/29/24	MAL-WPA-F-06 08/29/24	MAL-WPA-M-07 08/29/24	WOD-WPA-F-08 09/03/24	WOD-WPA-M-10 09/03/24	WOD-WPA-M-13 09/03/24
PCB CONGENERS BY HRMS (EPA 1668C)									
PCB-108/124	108-124	mg/kg	0.000521	0.000603	0.000224	0.00056	0.00088	0.000352	0.000676
PCB-110	38380-03-9	mg/kg	0.00525 EJ	0.00254	0.00158	0.00282	0.00572 EJ	0.00278	0.00446 EJ
PCB-111	39635-32-0	mg/kg	0.00197	0.00216	0.000225	0.00114	0.000636	0.00034	0.0017
PCB-112	74472-36-9	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-114	74472-37-0	mg/kg	0.00293	0.00338	0.000259	0.0011	0.000668	0.000414	0.00139
PCB-115	74472-38-1	mg/kg	0.000000914 U	0.0017	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-117	68194-11-6	mg/kg	0.0211 EJ	0.0222 EJ	0.00243	0.00849 EJ	0.00481 EJ	0.00275	0.00963 EJ
PCB-118	31508-00-6	mg/kg	0.14 EJ	0.168 EJ	0.0142 EJ	0.0693 EJ	0.0343 EJ	0.0233 EJ	0.0668 EJ
PCB-120	68194-12-7	mg/kg	0.00422 EJ	0.00485 EJ	0.000473	0.00308	0.00135	0.000745	0.00303
PCB-121	56558-18-0	mg/kg	0.0018	0.00198	0.000166	0.000566	0.000289	0.000159	0.00052
PCB-122	76842-07-4	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-123	65510-44-3	mg/kg	0.0033	0.00396 EJ	0.000274	0.00132	0.000576	0.000383	0.00114
PCB-126	57465-28-8	mg/kg	0.000786	0.000991	0.000118	0.00079	0.000439	0.000267	0.00107
PCB-127	39635-33-1	mg/kg	0.00056	0.000658	0.0000502	0.000219	0.000135	0.0000774	0.000223
PCB-128/166	128-166	mg/kg	0.097 EJ	0.112 EJ	0.00687	0.0387 EJ	0.0146 EJ	0.0106 EJ	0.0387 EJ
PCB-129/138/163	129-138-163	mg/kg	0.194 EJNX	0.221 EJNX	0.0726 EJ	0.234 EJ	0.148 EJ	0.104 EJ	0.251 EJ
PCB-130	52663-66-8	mg/kg	0.02 EJ	0.0192 EJ	0.0032	0.00769 EJ	0.00785 EJ	0.00399 EJ	0.00796 EJ
PCB-131	61798-70-7	mg/kg	0.000000914 U	0.000000965 U	0.0000301	0.0000367	0.0000894	0.0000446	0.000000954 U
PCB-132	38380-05-1	mg/kg	0.00127	0.00124	0.00187	0.00193	0.0056 EJ	0.00269	0.00362
PCB-133	35694-04-3	mg/kg	0.0121 EJ	0.0125 EJ	0.00204	0.00557 EJ	0.00495 EJ	0.00305	0.00981 EJ
PCB-134	52704-70-8	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000126	0.000172	0.000136	0.000154
PCB-135/151	135-151	mg/kg	0.00156	0.00215	0.0134 EJ	0.0171 EJ	0.0367 EJ	0.0171 EJ	0.0168 EJ
PCB-136	38411-22-2	mg/kg	0.000203	0.000374	0.0007	0.00107	0.00225	0.00121	0.00195
PCB-137	35694-06-5	mg/kg	0.00941 EJ	0.00982 EJ	0.00132	0.00375	0.00267	0.00162	0.00367
PCB-139/140	139-140	mg/kg	0.00218	0.00237	0.000445	0.0011	0.000866	0.000485	0.00101
PCB-141	52712-04-6	mg/kg	0.0224 EJ	0.0198 EJ	0.00497 EJ	0.00836 EJ	0.0156 EJ	0.00677 EJ	0.00865 EJ
PCB-142	41411-61-4	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-143	68194-15-0	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-144	68194-14-9	mg/kg	0.00187	0.00171	0.000791	0.00112	0.00229	0.001	0.00115
PCB-145	74472-40-5	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-146	51908-16-8	mg/kg	0.11 EJ	0.122 EJ	0.0162 EJ	0.066 EJ	0.0372 EJ	0.0246 EJ	0.0839 EJ
PCB-147/149	147-149	mg/kg	0.0433 EJ	0.0422 EJ	0.0268 EJ	0.0443 EJ	0.0616 EJ	0.0288 EJ	0.0432 EJ
PCB-148	74472-41-6	mg/kg	0.00181	0.00177	0.000409	0.00074	0.000742	0.000345	0.000429
PCB-150	68194-08-1	mg/kg	0.000143	0.000118	0.0000844	0.000143	0.000293	0.000126	0.000143
PCB-152	68194-09-2	mg/kg	0.00000725	0.0000096 JNX	0.0000228	0.0000348	0.0000347	0.0000305	0.0000269
PCB-153/168	153-168	mg/kg	0.175 EJNX	0.198 EJNX	0.0842 EJ	0.229 EJ	0.179 EJ	0.143 EJ	0.293 EJ
PCB-154	60145-22-4	mg/kg	0.0111 EJ	0.0109 EJ	0.0022	0.00463 EJ	0.00431 EJ	0.00203	0.00319
PCB-155	33979-03-2	mg/kg	0.00074	0.000827	0.0000836	0.000273	0.000132	0.0000695	0.000189
PCB-156/157	156-157	mg/kg	0.0763 EJ	0.0836 EJ	0.0045	0.0241 EJ	0.0117 EJ	0.00769	0.0286 EJ
PCB-158	74472-42-7	mg/kg	0.038 EJ	0.0417 EJ	0.00473 EJ	0.0152 EJ	0.00968 EJ	0.00612 EJ	0.0142 EJ
PCB-159	39635-35-3	mg/kg	0.00215	0.00219	0.000411	0.00121	0.00118	0.000497	0.00125
PCB-160	41411-62-5	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-161	74472-43-8	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-162	39635-34-2	mg/kg	0.00475 EJ	0.00572 EJ	0.000366	0.00232	0.00105	0.000604	0.00314

Table J-2
Waterfowl Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID: / Date Collected:	CAS Number	Units	MAL-WPA-M-01 08/28/24	MAL-WPA-F-05 08/29/24	MAL-WPA-F-06 08/29/24	MAL-WPA-M-07 08/29/24	WOD-WPA-F-08 09/03/24	WOD-WPA-M-10 09/03/24	WOD-WPA-M-13 09/03/24
PCB CONGENERS BY HRMS (EPA 1668C)									
PCB-164	74472-45-0	mg/kg	0.00182	0.00139	0.000758	0.00096	0.00237	0.00102	0.0012
PCB-165	74472-46-1	mg/kg	0.00195	0.00203	0.000273	0.000746	0.000673	0.00035	0.00139
PCB-167	52663-72-6	mg/kg	0.0521 EJ	0.0603 EJ	0.00305	0.0243 EJ	0.00859 EJ	0.00575 EJ	0.025 EJ
PCB-169	32774-16-6	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-170	35065-30-6	mg/kg	0.312 EJ	0.335 EJ	0.0285 EJ	0.188 EJ	0.0676 EJ	0.0488 EJ	0.2 EJ
PCB-171/173	171-173	mg/kg	0.0628 EJ	0.0652 EJ	0.00766	0.0343 EJ	0.0137 EJ	0.00965 EJ	0.0273 EJ
PCB-172	52663-74-8	mg/kg	0.066 EJ	0.0644 EJ	0.0059 EJ	0.0295 EJ	0.0135 EJ	0.00852 EJ	0.0325 EJ
PCB-174	38411-25-5	mg/kg	0.0218 EJ	0.0197 EJ	0.0112 EJ	0.0174 EJ	0.0264 EJ	0.0113 EJ	0.0148 EJ
PCB-175	40186-70-7	mg/kg	0.00886 EJ	0.00882 EJ	0.00123	0.00476 EJ	0.00242 J	0.00142 J	0.00432 EJ
PCB-176	52663-65-7	mg/kg	0.00154	0.00139	0.000911	0.00185	0.00266	0.00106	0.00209
PCB-177	52663-70-4	mg/kg	0.0913 EJ	0.0874 EJ	0.0148 EJ	0.0429 EJ	0.0295 EJ	0.0162 EJ	0.0423 EJ
PCB-178	52663-67-9	mg/kg	0.086 EJ	0.0794 EJ	0.00824 EJ	0.0298 EJ	0.0211 EJ	0.0119 EJ	0.0517 EJ
PCB-179	52663-64-6	mg/kg	0.000335	0.00063	0.00281	0.00499 EJ	0.00532 EJ	0.00275	0.00344
PCB-180/193	180-193	mg/kg	0.243 EJ	0.262 EJ	0.0716 EJ	0.327 EJ	0.155 EJ	0.117 EJ	0.354 EJ
PCB-181	74472-47-2	mg/kg	0.00141 J	0.00137 J	0.00014	0.000505 J	0.000292 J	0.000156 J	0.000431 J
PCB-182	60145-23-5	mg/kg	0.00182 J	0.00166 J	0.000205	0.000476 J	0.000392 J	0.00021 J	0.000467 J
PCB-183	52663-69-1	mg/kg	0.129 EJ	0.136 EJ	0.0187 EJ	0.094 EJ	0.0351 EJ	0.0257 EJ	0.0897 EJ
PCB-184	74472-48-3	mg/kg	0.000219	0.000168	0.0000182	0.0000559	0.0000381	0.000019	0.0000559
PCB-185	52712-05-7	mg/kg	0.00412 EJ	0.0058 EJ	0.00113	0.00237 J	0.00408 EJ	0.00121	0.00166
PCB-186	74472-49-4	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-187	52663-68-0	mg/kg	0.18 EJ	0.196 EJ	0.0427 EJ	0.182 EJ	0.0879 EJ	0.0613 EJ	0.198 EJ
PCB-188	74487-85-7	mg/kg	0.00153	0.00128	0.000136	0.000498	0.000301	0.00013	0.000377
PCB-189	39635-31-9	mg/kg	0.0303 EJ	0.0309 EJ	0.0011	0.00836 EJ	0.00329	0.00201	0.011 EJ
PCB-190	41411-64-7	mg/kg	0.109 EJ	0.112 EJ	0.00613 EJ	0.0409 EJ	0.0158 EJ	0.0125 EJ	0.0461 EJ
PCB-191	74472-50-7	mg/kg	0.0139 EJ	0.0139 EJ	0.00129	0.00645 EJ	0.00261 J	0.00183 J	0.00603 EJ
PCB-192	74472-51-8	mg/kg	0.000000914 U	0.000000965 U	0.000000992 U	0.000000983 U	0.000000976 U	0.00000098 U	0.000000954 U
PCB-194	35694-08-7	mg/kg	0.395 EJ	0.374 EJ	0.0122 EJ	0.108 EJ	0.0295 EJ	0.0239 EJ	0.129 EJ
PCB-195	52663-78-2	mg/kg	0.201 EJ	0.186 EJ	0.0058 EJ	0.0566 EJ	0.0116 EJ	0.00992 EJ	0.0443 EJ
PCB-196	42740-50-1	mg/kg	0.187 EJ	0.184 EJ	0.00614 EJ	0.0573 EJ	0.0141 EJ	0.0107 EJ	0.0613 EJ
PCB-197	33091-17-7	mg/kg	0.0144 EJ	0.014 EJ	0.000511	0.00495 EJ	0.00106	0.000857	0.00483 EJ
PCB-198/199	198-199	mg/kg	0.335 EJ	0.341 EJ	0.0121 EJ	0.0978 EJ	0.0311 EJ	0.0202 EJ	0.116 EJ
PCB-200	52663-73-7	mg/kg	0.00235	0.00213	0.000725	0.00182	0.00211	0.000753	0.00142
PCB-201	40186-71-8	mg/kg	0.0215 EJ	0.0199 EJ	0.00151	0.008 EJ	0.00356	0.00188	0.00824 EJ
PCB-202	2136-99-4	mg/kg	0.0201 EJ	0.0183 EJ	0.00197	0.00836 EJ	0.00525 EJ	0.00285	0.0104 EJ
PCB-203	52663-76-0	mg/kg	0.274 EJ	0.273 EJ	0.00743 EJ	0.0826 EJ	0.0202 EJ	0.0161 EJ	0.0836 EJ
PCB-204	74472-52-9	mg/kg	0.0000637	0.0000571	0.000000992 U	0.000014	0.00000705	0.00000098 U	0.0000111
PCB-205	74472-53-0	mg/kg	0.027 EJ	0.0248 EJ	0.000677	0.00621 EJ	0.00165	0.00128	0.00667 EJ
PCB-206	40186-72-9	mg/kg	0.0849 EJ	0.0757 EJ	0.00212	0.0186 EJ	0.00397 EJ	0.00432 EJ	0.0173 EJ
PCB-207	52663-79-3	mg/kg	0.00993 EJ	0.0094 EJ	0.00029	0.00234	0.000498	0.000519	0.0023
PCB-208	52663-77-1	mg/kg	0.0119 EJ	0.0104 EJ	0.000424	0.00267	0.000782	0.000737	0.00292
PCB-209	ARC-209	mg/kg	0.00302	0.00258	0.000236	0.000817	0.000144	0.000181	0.000531
Total PCB Congeners	TCongeners1668C	mg/kg	4.52 J	4.68 J	0.665 J	2.6 J	1.47 J	0.962 J	2.78 J

Table J-2
Waterfowl Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID: / Date Collected:	CAS Number	Units	WOD-WPA-F-15 09/06/24	WOD-BBA-F-01 09/20/24	WOD-BBA-M-02 09/20/24	WOD-BBA-M-03 09/20/24	WOD-BBA-F-09 09/26/24
PCB CONGENERS BY HRMS (EPA 1668C)							
PCB-1	2051-60-7	mg/kg	0.000000981 U	0.000001 U	0.00000123	0.000000948 U	0.000000995 U
PCB-2	2051-61-8	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-3	2051-62-9	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-4	13029-08-8	mg/kg	0.00000282	0.00000489	0.00000686	0.00000406	0.00000282
PCB-5	16605-91-7	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-6	25569-80-6	mg/kg	0.000000981 U	0.00000177	0.00000253	0.00000121	0.00000114
PCB-7	33284-50-3	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-8	34883-43-7	mg/kg	0.00000123	0.00000522 JNX	0.00000678	0.00000279 JNX	0.00000267
PCB-9	34883-39-1	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-10	33146-45-1	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-11	2050-67-1	mg/kg	0.000037 U	0.0000345 U	0.0000272 U	0.0000257 U	0.0000308 U
PCB-12/13	12-13	mg/kg	0.00000294 U	0.000003 U	0.00000277 U	0.00000284 U	0.00000299 U
PCB-14	34883-41-5	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-15	2050-68-2	mg/kg	0.000343	0.00000785	0.0000056	0.0000203	0.0000268
PCB-16	38444-78-9	mg/kg	0.000000981 U	0.00000336	0.00000248	0.00000107 JNX	0.000000715 JNX
PCB-17	37680-66-3	mg/kg	0.00000249 JNX	0.00000305 JNX	0.00000337	0.00000141 JNX	0.00000102 JNX
PCB-18/30	18-30	mg/kg	0.0000037	0.0000071	0.00000615	0.00000242 JNX	0.00000186 JNX
PCB-19	38444-73-4	mg/kg	0.00000181	0.000001 U	0.00000143 JNX	0.000000948 U	0.000000995 U
PCB-20/28	20-28	mg/kg	0.00186	0.0000354	0.0000251	0.00008	0.0000961
PCB-21/33	21-33	mg/kg	0.00000294 U	0.00000326 JNX	0.00000273 JNX	0.00000284 U	0.00000299 U
PCB-22	38444-85-8	mg/kg	0.000000981 U	0.000001 U	0.00000106	0.000000948 U	0.000000995 U
PCB-23	55720-44-0	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-24	55702-45-9	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-25	55712-37-3	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-26/29	26-29	mg/kg	0.00000303 JNX	0.000003 U	0.00000277 U	0.0000016 J	0.00000299 U
PCB-27	38444-76-7	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-31	16606-02-3	mg/kg	0.0000126	0.00000432	0.00000593	0.00000757	0.00000413
PCB-32	38444-77-8	mg/kg	0.00000269	0.00000228	0.00000147 JNX	0.00000077 J	0.000000663 J
PCB-34	37680-68-5	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-35	37680-69-6	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-36	38444-87-0	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-37	38444-90-5	mg/kg	0.000266	0.0000176	0.00000691	0.0000353	0.0000472
PCB-38	53555-66-1	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-39	38444-88-1	mg/kg	0.0000181	0.000001 U	0.000000924 U	0.00000172 JNX	0.00000241 JNX
PCB-40/71	40-71	mg/kg	0.0000082	0.000003 U	0.00000154 J	0.00000211 JNX	0.00000126 JNX
PCB-41	52663-59-9	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-42	36559-22-5	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.00000154	0.000000995 U
PCB-43	70362-46-8	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-44/47/65	44-47-65	mg/kg	0.0132 EJ	0.000219	0.000162	0.000599	0.000634
PCB-45	70362-45-7	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-46	41464-47-5	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-48	70362-47-9	mg/kg	0.0000014 JNX	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-49/69	49-69	mg/kg	0.000229	0.0000117	0.0000305	0.0000834	0.0000491
PCB-50/53	50-53	mg/kg	0.00000768 JNX	0.000003 U	0.00000111 J	0.00000125 J	0.00000299 U

Table J-2
Waterfowl Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID: / Date Collected:	CAS Number	Units	WOD-WPA-F-15 09/06/24	WOD-BBA-F-01 09/20/24	WOD-BBA-M-02 09/20/24	WOD-BBA-M-03 09/20/24	WOD-BBA-F-09 09/26/24
PCB CONGENERS BY HRMS (EPA 1668C)							
PCB-51	68194-04-7	mg/kg	0.00000898	0.000001 U	0.00000078 JNX	0.00000181	0.000000995 U
PCB-52	35693-99-3	mg/kg	0.0000914	0.00000845	0.0000227	0.0000579	0.0000337
PCB-54	15968-05-5	mg/kg	0.00000209 JNX	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-55	74338-24-2	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-56	41464-43-1	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-57	70424-67-8	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-58	41464-49-7	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-59/62/75	59-62-75	mg/kg	0.0000781	0.000003 J	0.00000389	0.0000138	0.0000114
PCB-60	33025-41-1	mg/kg	0.0000512	0.00000389	0.00000486	0.0000103	0.000016
PCB-61/70/74/76	61-70-74-76	mg/kg	0.00121	0.0000462	0.0000304	0.000142	0.000151
PCB-63	74472-34-7	mg/kg	0.000772	0.0000157	0.00000407	0.0000391	0.000041
PCB-64	52663-58-8	mg/kg	0.0000047	0.000001 U	0.00000192 U	0.00000419 JNX	0.00000241
PCB-66	32598-10-0	mg/kg	0.00298	0.0000997	0.0000586	0.000323	0.000454
PCB-67	73575-53-8	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-68	73575-52-7	mg/kg	0.00218	0.0000375	0.0000078	0.0000973	0.0000888
PCB-72	41464-42-0	mg/kg	0.000639	0.00002	0.00000499	0.0000469	0.0000574
PCB-73	74338-23-1	mg/kg	0.00000238	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-77	32598-13-3	mg/kg	0.000567	0.000058	0.00000938	0.000106	0.000102
PCB-78	70362-49-1	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-79	41464-48-6	mg/kg	0.0000589	0.00000686	0.000000924 U	0.000014	0.0000122
PCB-80	33284-52-5	mg/kg	0.0000405	0.000001 U	0.000000924 U	0.000000948 U	0.00000225 JNX
PCB-81	70362-50-4	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-82	52663-62-4	mg/kg	0.0000178	0.000001 U	0.000000924 U	0.0000063	0.000000995 U
PCB-83	60145-20-2	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-84	52663-60-2	mg/kg	0.00000729	0.000001 U	0.00000453	0.00000885	0.00000342 JNX
PCB-85/116	85-116	mg/kg	0.00000294 U	0.0000172 JNX	0.0000291	0.000178	0.000121
PCB-86/87/97/109/119/125	868797109119125	mg/kg	0.000482	0.0000293	0.000042	0.000156	0.000151
PCB-88	55215-17-3	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-89	73575-57-2	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-90/101/113	90-101-113	mg/kg	0.00807	0.000203	0.00016	0.00104	0.000717
PCB-91	68194-05-8	mg/kg	0.0000708	0.000001 U	0.0000125	0.0000441	0.0000178
PCB-92	52663-61-3	mg/kg	0.00387	0.000172	0.000121	0.000799	0.000884
PCB-93/100	93-100	mg/kg	0.000381	0.0000133	0.0000186	0.0000669	0.0000433
PCB-94	73575-55-0	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-95	38379-99-6	mg/kg	0.000391	0.0000371	0.0000793	0.000318	0.000227
PCB-96	73575-54-9	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-98	60233-25-2	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-99	38380-01-7	mg/kg	0.0354 EJ	0.000985	0.000238	0.00309	0.00274
PCB-102	68194-06-9	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.00000181	0.000000995 U
PCB-103	60145-21-3	mg/kg	0.0000173	0.000001 U	0.00000361	0.0000147	0.00000527 JNX
PCB-104	56558-16-8	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-105	32598-14-4	mg/kg	0.0108 EJ	0.000493	0.0000869	0.0013	0.00123
PCB-106	70424-69-0	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-107	70424-68-9	mg/kg	0.00247	0.000133	0.0000346	0.000399	0.000409

Table J-2
Waterfowl Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID: / Date Collected:	CAS Number	Units	WOD-WPA-F-15 09/06/24	WOD-BBA-F-01 09/20/24	WOD-BBA-M-02 09/20/24	WOD-BBA-M-03 09/20/24	WOD-BBA-F-09 09/26/24
PCB CONGENERS BY HRMS (EPA 1668C)							
PCB-108/124	108-124	mg/kg	0.0000507	0.00000531 JNX	0.00000516	0.0000347	0.0000267
PCB-110	38380-03-9	mg/kg	0.000000981 U	0.0000149 JNX	0.0000378	0.000215	0.0000976
PCB-111	39635-32-0	mg/kg	0.00133	0.0000453	0.00000462	0.0000951	0.0000853
PCB-112	74472-36-9	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.00000811	0.000000995 U
PCB-114	74472-37-0	mg/kg	0.0012	0.000038	0.00000788	0.0000867	0.000092
PCB-115	74472-38-1	mg/kg	0.000402	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-117	68194-11-6	mg/kg	0.00516 EJ	0.0000806	0.0000203	0.000289	0.000202
PCB-118	31508-00-6	mg/kg	0.0494 EJ	0.00198	0.000292	0.00526 EJ	0.00481 EJ
PCB-120	68194-12-7	mg/kg	0.00214	0.000103	0.0000123	0.000257	0.000217
PCB-121	56558-18-0	mg/kg	0.000287	0.00000545 JNX	0.000000924 U	0.0000158	0.0000101
PCB-122	76842-07-4	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-123	65510-44-3	mg/kg	0.000904	0.0000308	0.00000443	0.0000978	0.0000541
PCB-126	57465-28-8	mg/kg	0.000482	0.0000343	0.00000526	0.0000445 JNX	0.0000445
PCB-127	39635-33-1	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.0000145	0.0000115
PCB-128/166	128-166	mg/kg	0.028 EJ	0.00114	0.000149	0.0028	0.00231
PCB-129/138/163	129-138-163	mg/kg	0.176 EJ	0.0101	0.00175	0.0298 EJ	0.0219 EJ
PCB-130	52663-66-8	mg/kg	0.00244	0.000237	0.0000988	0.000961	0.000947
PCB-131	61798-70-7	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-132	38380-05-1	mg/kg	0.0000967	0.0000125 JNX	0.000058	0.000251	0.000128
PCB-133	35694-04-3	mg/kg	0.008 EJ	0.000505	0.0000688	0.00104	0.00102
PCB-134	52704-70-8	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-135/151	135-151	mg/kg	0.00173	0.000189	0.000357	0.00188	0.00184
PCB-136	38411-22-2	mg/kg	0.0000466	0.000001 U	0.0000182	0.0000683	0.0000346
PCB-137	35694-06-5	mg/kg	0.00195	0.000114	0.0000264	0.000334	0.000272
PCB-139/140	139-140	mg/kg	0.00048	0.0000199	0.0000107	0.0000768	0.0000552
PCB-141	52712-04-6	mg/kg	0.00203	0.000165	0.000123	0.000721	0.000489
PCB-142	41411-61-4	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-143	68194-15-0	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-144	68194-14-9	mg/kg	0.0000832	0.00000987	0.0000151 JNX	0.0000769	0.0000522
PCB-145	74472-40-5	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-146	51908-16-8	mg/kg	0.067 EJ	0.00439 EJ	0.000514	0.0106 EJ	0.00828 EJ
PCB-147/149	147-149	mg/kg	0.00879 EJ	0.00064	0.000515	0.00329	0.00275
PCB-148	74472-41-6	mg/kg	0.0000892	0.00000733 JNX	0.00000673	0.0000349	0.0000303
PCB-150	68194-08-1	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.00000334 JNX	0.000000995 U
PCB-152	68194-09-2	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-153/168	153-168	mg/kg	0.305 EJ	0.026 EJ	0.00219	0.0659 EJ	0.0499 EJ
PCB-154	60145-22-4	mg/kg	0.000982	0.0000788	0.0000406	0.000267	0.000261
PCB-155	33979-03-2	mg/kg	0.000118	0.000001 U	0.000000924 U	0.00000656	0.00000465
PCB-156/157	156-157	mg/kg	0.0223 EJ	0.000885	0.000099	0.00227	0.00186
PCB-158	74472-42-7	mg/kg	0.00926 EJ	0.000387	0.0000904	0.00124	0.000898
PCB-159	39635-35-3	mg/kg	0.000383	0.0000175 JNX	0.00000937 JNX	0.0000715	0.0000662
PCB-160	41411-62-5	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-161	74472-43-8	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-162	39635-34-2	mg/kg	0.00221	0.0001	0.0000108	0.000206	0.000167

Table J-2
Waterfowl Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID: / Date Collected:	CAS Number	Units	WOD-WPA-F-15 09/06/24	WOD-BBA-F-01 09/20/24	WOD-BBA-M-02 09/20/24	WOD-BBA-M-03 09/20/24	WOD-BBA-F-09 09/26/24
PCB CONGENERS BY HRMS (EPA 1668C)							
PCB-164	74472-45-0	mg/kg	0.000000981 U	0.000001 U	0.0000299	0.000144	0.0000761
PCB-165	74472-46-1	mg/kg	0.00114	0.0000562	0.000007	0.000115	0.000102
PCB-167	52663-72-6	mg/kg	0.0215 EJ	0.000847	0.0000613	0.00181	0.00155
PCB-169	32774-16-6	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-170	35065-30-6	mg/kg	0.149 EJ	0.00709 EJ	0.000585	0.0141 EJ	0.0121 EJ
PCB-171/173	171-173	mg/kg	0.0189 EJ	0.000967	0.000136	0.00238	0.00172
PCB-172	52663-74-8	mg/kg	0.0283 EJ	0.00153	0.000167	0.00285 J	0.00227
PCB-174	38411-25-5	mg/kg	0.00273 J	0.00026	0.000269	0.00134 J	0.00119
PCB-175	40186-70-7	mg/kg	0.00253 J	0.0000998	0.0000222	0.000274 J	0.000194
PCB-176	52663-65-7	mg/kg	0.000114	0.00000626 JNX	0.0000217	0.0000929	0.0000651
PCB-177	52663-70-4	mg/kg	0.0198 EJ	0.00112	0.000306	0.00355	0.0029
PCB-178	52663-67-9	mg/kg	0.0399 EJ	0.00118	0.000207	0.00267	0.00314
PCB-179	52663-64-6	mg/kg	0.00018	0.000013	0.0000723	0.000275	0.000186
PCB-180/193	180-193	mg/kg	0.376 EJ	0.0253 EJ	0.00158	0.0432 EJ	0.0375 EJ
PCB-181	74472-47-2	mg/kg	0.000243 J	0.000001 U	0.000000924 U	0.0000331 J	0.0000236
PCB-182	60145-23-5	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.0000639
PCB-183	52663-69-1	mg/kg	0.079 EJ	0.00404 EJ	0.000357	0.00924 EJ	0.00612 EJ
PCB-184	74472-48-3	mg/kg	0.0000174	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-185	52712-05-7	mg/kg	0.000000981 U	0.000001 U	0.0000212 JNX	0.000000948 U	0.000136
PCB-186	74472-49-4	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-187	52663-68-0	mg/kg	0.184 EJ	0.0107 EJ	0.00123	0.0225 EJ	0.0154 EJ
PCB-188	74487-85-7	mg/kg	0.000126	0.000001 U	0.000000924 U	0.0000174	0.000014
PCB-189	39635-31-9	mg/kg	0.0106 EJ	0.00044	0.0000424	0.000747	0.000713
PCB-190	41411-64-7	mg/kg	0.0435 EJ	0.00188	0.000186	0.00392 EJ	0.00364
PCB-191	74472-50-7	mg/kg	0.00567 EJ	0.000281	0.0000235	0.000508	0.000378
PCB-192	74472-51-8	mg/kg	0.000000981 U	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-194	35694-08-7	mg/kg	0.146 EJ	0.0053 EJ	0.000383	0.00863 EJ	0.00892 EJ
PCB-195	52663-78-2	mg/kg	0.0389 EJ	0.00147	0.000129	0.00303	0.0028
PCB-196	42740-50-1	mg/kg	0.0569 EJ	0.00193	0.000122	0.00319	0.0029
PCB-197	33091-17-7	mg/kg	0.0043 EJ	0.000147	0.0000127	0.000282	0.00025
PCB-198/199	198-199	mg/kg	0.129 EJ	0.00499	0.000354	0.00777 EJ	0.00772
PCB-200	52663-73-7	mg/kg	0.000305	0.0000149	0.0000185	0.0000878	0.000103
PCB-201	40186-71-8	mg/kg	0.00487 EJ	0.000121	0.0000315	0.000352	0.000296
PCB-202	2136-99-4	mg/kg	0.00863 EJ	0.000265	0.0000606	0.000552	0.000714
PCB-203	52663-76-0	mg/kg	0.0924 EJ	0.00362	0.000236	0.00598 EJ	0.00573 EJ
PCB-204	74472-52-9	mg/kg	0.00000683	0.000001 U	0.000000924 U	0.000000948 U	0.000000995 U
PCB-205	74472-53-0	mg/kg	0.00755 EJ	0.000265	0.000024	0.000455	0.000466
PCB-206	40186-72-9	mg/kg	0.0226 EJ	0.000665	0.0000957	0.00127	0.00128
PCB-207	52663-79-3	mg/kg	0.00226	0.0000569	0.0000112	0.00013	0.000117
PCB-208	52663-77-1	mg/kg	0.00341	0.000109	0.000022	0.000228	0.000214
PCB-209	ARC-209	mg/kg	0.000793	0.0000489	0.0000247	0.000106	0.00012
Total PCB Congeners	TCongeners1668C	mg/kg	2.29 J	0.125 J	0.0146 J	0.279 J	0.228 J

Table J-2
Waterfowl Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Notes

mg/kg = milligram per kilogram

EJ = The compound was quantitated above the calibration range. The associated numerical value is an estimated concentration only.

EJNX = The compound was quantitated above the calibration range. The associated numerical value is an estimated maximum possible concentration (EMPC).

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

JNX = The associated numerical value is an estimated maximum possible concentration (EMPC).

U = The compound was not detected above the reported sample quantitation limit.

Appendix K
Data Validation
Report(Benthic Invertebrate)

Table K-1
Summary of Benthic Invertebrate Data Validation Reports and Data Usability

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River – Rest of River

Data Validation Report	Sample Data Group	Validation Level	PCBs	
			Sample Count	Percent Usability
61158R	C1067	Tier II	8	100.0%

Notes:
1. Tier II validation level includes Tier I and Tier II data reviews; 100% of the samples underwent Tier II validation.
2. Sample count includes duplicate samples and field blanks, where applicable.

PCBs - Polychlorinated Biphenyls (as congeners)

General Electric Company

Data Validation Report

Baseline Benthic Invertebrate Sampling
Housatonic River – Rest of River
Pittsfield, Massachusetts

Polychlorinated Biphenyl (PCB) Congeners

SDG # C1067

Tier I and II Level Data Review

Analyses Performed By:
SGS North America
Wilmington, North Carolina

Report # 61158R
Project: 30251867.3001

Table of Contents

1 Summary 1
1.1 Analytical Data Package Documentation 1
1.2 Data Validation Procedures 2
2 Polychlorinated Biphenyl Congener Analyses 4
2.1 Holding Times 4
2.2 Blank Contamination 4
2.3 System Performance 5
2.4 Calibration 5
2.4.1 Initial Calibration 5
2.4.2 Continuing Calibration 5
2.5 Surrogates/System Monitoring Compounds 5
2.6 Matrix Spike/Matrix Spike Duplicate Analysis 6
2.7 Laboratory Duplicate Analysis 7
2.8 Ongoing Precision Result (OPR) / Laboratory Control Sample 8
2.9 Field Duplicate Analysis 8
2.10 Compound Identification 8
2.11 System Performance and Overall Assessment 8
2.12 Data Validation Checklist for PCB Congeners 9
3 Overall Data Usability 10

Tables

Table 1. Summary of Samples Subjected to Tier I and Tier II Data Validation 1
Table 2. Evaluation of Data Package Completeness 1
Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation 3
Table 4. Holding Time for USEPA Method 1668C 4
Table 5. Holding Time Exceptions 4
Table 6. Holding Time Evaluation Criteria 4
Table 7. Summary of Blank Contamination Qualifications 5
Table 8. Surrogate Recoveries Outside Control Limits 6
Table 9. Surrogate Recovery Evaluation Criteria 6
Table 10. MS/MSD Recoveries Outside Control Limits 7

Table 11. MS/MSD Evaluation Criteria **7**
Table 12. Summary of Laboratory Duplicate Analysis **7**
Table 13. Laboratory Duplicate Evaluation Criteria **7**
Table 14. Data Validation Checklist for Polychlorinated Biphenyls **9**
Table 15. Overall Summary of Data Usability **10**

Appendices

Appendix A **Chain of Custody**

Appendix B **Annotated Sample Analysis Data Sheets**

1 Summary

This attachment summarizes the data validation review of Sample Delivery Group (SDG) C1067 performed on behalf of the General Electric Company (GE) for benthic invertebrate sampling activities conducted as part of the Baseline Monitoring at the GE-Pittsfield/Housatonic River Site. The review was conducted at Tier I and Tier II levels and included review of data package completeness. Field documentation was not included in this review. Included with this assessment are the chain-of-custody forms (Appendix A) and the validation annotated sample analysis data sheets (Appendix B). Analyses were performed on the samples listed in Table 1.

Table 1. Summary of Samples Subjected to Tier I and Tier II Data Validation

SDG	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis
						PCB
C1067	5B-T-1	C1067_001	Tissue	10/07/2024		X
	5A-T-1	C1067_002	Tissue	10/08/2024		X
	5C-T-1	C1067_003	Tissue	10/08/2024		X
	7D-T-1	C1067_004	Tissue	10/09/2024		X
	7H-T-1	C1067_005	Tissue	10/09/2024		X
	11-T-1	C1067_006	Tissue	10/10/2024		X
	11-T-2	C1067_007	Tissue	10/10/2024		X
	11-T-3	C1067_008	Tissue	10/10/2024		X

Note:
PCB = Polychlorinated Biphenyl Congeners

1.1 Analytical Data Package Documentation

The table below is the evaluation of the data package completeness.

Table 2. Evaluation of Data Package Completeness

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

Note:
QA = Quality Assurance

1.2 Data Validation Procedures

Analyses were performed according to United States Environmental Protection Agency (EPA) USEPA Method 1668C. Data were reviewed in accordance with the following documents:

- Field Sampling Plan/Quality Assurance Project Plan – GE-Pittsfield/Housatonic River Site (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, prepared by Arcadis (Revised December 21, 2023);
- EPA Region I, EPA-New England Data Validation Functional Guidelines for Evaluating Environmental Analyses (July 1996, revised December 1996) (EPA Region I Guidelines);
- EPA National Functional Guidelines for High Resolution Superfund Methods Data Review OLEM 9240.1-65EPA, 542-R-20-007 (November 2020); and
- Second Revised Baseline Monitoring Plan, Housatonic River – Rest of River, General Electric Company, Pittsfield, Massachusetts, prepared by Anchor QEA (January 2023).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with EPA National Functional Guidelines:

- Concentration (C) Qualifiers:
  - U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
  - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E The compound was quantitated above the calibration range.
  - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers:
  - J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

UB Compound considered non-detect at the listed value due to associated blank contamination.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

R The sample results are rejected.

Two facts should be noted by all data users. First, the “R” flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. “R” values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Section 7.5 of the revised FSP/QAPP states that all analytical data will be validated to a Tier I level following the procedures presented in the EPA Region I Guidelines. The Tier I review consisted of a completeness evidence audit, as outlined in the EPA Region I CSF Completeness Evidence Audit Program (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the EPA Region I Tier I data completeness requirements.

The analytical results described above were also subjected to a Tier II data review. The Tier II data review consisted of a review of data package summary forms for identification of quality assurance (QA)/QC deviations and qualification of the data according to the EPA Region I Guidelines. Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP. A tabulated summary of the number of sample analyses subject to Tier I and Tier II data review is presented in the following table.

Table 3. Summary of Sample Analyses Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	0	0	0	8	0	0	0

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in EPA Region I Guidelines. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. The annotated sample analysis data sheets attached to this validation report (Appendix B) reflect any added data qualifiers.

2 Polychlorinated Biphenyl Congener Analyses

2.1 Holding Times

The specified holding times for the following methods are presented in the following table.

Table 4. Holding Time for USEPA Method 1668C

Method	Matrix	Holding Time	Preservation
USEPA Method 1668C	Tissue	One year from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding time criteria with the exceptions noted below.

Table 5. Holding Time Exceptions

Sample ID	Holding Time	Criteria
5B-T-1 5A-T-1 5C-T-1 7D-T-1 7H-T-1 11-T-1 11-T-2 11-T-3	102 days from extraction to analysis	40 days from extraction to analysis

Sample results associated with sample locations analyzed by analytical method EPA 1668C were qualified, as specified in the table below. All other holding times were met.

Table 6. Holding Time Evaluation Criteria

Criteria	Qualification	
	Detected Analytes	Non-detect Analytes
Analysis completed less than two times holding time	J	UJ
Analysis completed greater than two times holding time	J	R

2.2 Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

All compounds associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the compounds listed in the following table. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Table 7. Summary of Blank Contamination Qualifications

Sample ID	Compounds	Blank	Sample Result	Qualification
11-T-1_20241010	PCB-11	Method blank (C1067_21675)	Detected sample results >RL and <BAL	"U" at detected sample concentration

Note:
RL = Reporting limit

The Total PCBs as Congeners result is calculated post validation within the database; therefore, the total PCB results have not been adjusted on the attached laboratory forms.

2.3 System Performance

System performance and column resolution were acceptable.

2.4 Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

2.4.1 Initial Calibration

A maximum RSD of 20% is allowed or a correlation coefficient greater than 0.99.

2.4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%).

All compounds associated with the calibrations were within the specified control limits.

2.5 Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with labeled compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. Analysis requires isotope dilution compounds exhibit recoveries within the laboratory-established acceptance limits.

All PCB congeners associated with the labeled compound analysis exhibited recoveries within the control limits with the exceptions noted below.

Table 8. Surrogate Recoveries Outside Control Limits

Sample ID	Surrogate	Recovery
5B-T-1	ES PCB-180	> UL
5C-T-1	ES PCB-170	> UL
	ES PCB-209	> UL
7H-T-1	ES PCB-170	> UL
	ES PCB-180	> UL
	ES PCB-209	> UL
11-T-1	ES PCB-180	> UL
11-T-2	ES PCB-170	> UL
	ES PCB-180	> UL
11-T-3	ES PCB-170	> UL
	ES PCB-180	> UL
	ES PCB-188	> UL

Note:
UL = Upper control limit

The criteria used to evaluate the surrogate recoveries are presented in the following table. In the case of a surrogate deviation, the sample results are qualified as documented in the table below.

Table 9. Surrogate Recovery Evaluation Criteria

Control Limit	Sample Result	Qualification
> UL	Non-detect	No Action
	Detect	J
< LL but > 10%	Non-detect	UJ
	Detect	J
< 10%	Non-detect	R
	Detect	J
Surrogates diluted below the calibration curve due to the high concentration of a target compounds	Non-detect	UJ[1]
	Detect	J[1]

2.6 Matrix Spike/Matrix Spike Duplicate Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The RPD between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on samples where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD analysis was performed on sample 7H-T-1. The MS/MSD analysis exhibited acceptable recovery and RPDs with the exception noted below.

Table 10. MS/MSD Recoveries Outside Control Limits

Sample ID	Compound
7H-T-1	PCB-126

The criteria used to evaluate the RPD between the MS/MSD recoveries are presented in the following table. In the case of an RPD deviation, the sample results are qualified as documented in the table below.

Table 11. MS/MSD Evaluation Criteria

Control Limit	Sample Result	Qualification
> UL	Non-detect	UJ
	Detect	J

2.7 Laboratory Duplicate Analysis

The laboratory duplicate RPD criterion is applied when parent and duplicate sample concentrations are greater than or equal to 5 times the EML. A control limit of 30% for water matrices is applied when the criteria above is true. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the EML, a control limit of one time the EML is applied for water matrices.

The laboratory duplicate analysis was performed on sample 7H-T-1. The laboratory duplicate analysis exhibited acceptable RPD values with the exception noted below.

Table 12. Summary of Laboratory Duplicate Analysis

Sample ID	Compounds
7H-T-1	Tetra-CB
	Octa-CB
	PCB-209 DeCB

The criteria used to evaluate laboratory duplicate RPD are presented in the following table. In the case of a laboratory duplicate RPD deviation, the sample results are qualified.

Table 13. Laboratory Duplicate Evaluation Criteria

Control Limit	Sample Result	Qualification
> UL	Non-detect	UJ
	Detect	J

2.8 Ongoing Precision Result (OPR) / Laboratory Control Sample

The ongoing precision result (OPR) / laboratory control sample (LCS) analysis is used to assess the accuracy of the analytical method independent of matrix interferences. The compounds associated with the OPR/LCS/LCSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the OPR/LCS analysis exhibited recoveries within the control limits.

2.9 Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In an instance when the parent and/or duplicate sample concentrations are less than or equal to five times the EML, a control limit of two times the EML is applied for water matrices.

Field duplicate samples were not collected from this SDG.

2.10 Compound Identification

PCB congeners by 1668C are identified by using the compound’s ion abundance ratios, signal-to-noise values, and relative retention times.

An EMPC or "estimated maximum possible concentration" designation is given to compounds which have signals eluting within the established retention time window which would, if positively identified, be above the detection limit. The signals do not, however, meet the ion abundance ratio criteria and cannot be identified as the compound of interest. The EMPC value is the estimated concentration of the interferant quantitated "as the compound of interest.” This value should be considered an elevated detection limit based on potential compound identification and quantitation interference. If the EMPC value is above the reporting limit, the qualifier JNX has been added to the sample results to indicate the elevated detection limit as EMPC. If the EMPC value is below the reporting limit, the compound is reported as non-detect at the reporting limit and no qualification is added.

Note: Several compounds in the original analysis of the samples were outside calibration range and flagged with an “EJ” qualifier.

2.11 System Performance and Overall Assessment

Overall system performance was acceptable. Other than those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

2.12 Data Validation Checklist for PCB Congeners

Table 14. Data Validation Checklist for Polychlorinated Biphenyls

PCB Congeners; EPA1668C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
HIGH RESOLUTION GAS CHROMATOGRAPHY/HIGH RESOLUTION MASS SPECTROMETRY (HRGC/HRMS)					
Tier I Validation					
Holding times		X	X		
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blank	X				X
LCS %R		X	X		
LCS Duplicate (LCSD) %R	X				X
LCS/LCSD Precision (RPD)	X				X
Matrix Spike (MS) %R		X		X	
Matrix Spike Duplicate (MSD) %R		X		X	
MS/MSD Precision (RPD)		X	X		
Field/Lab Duplicate (RPD)	X				X
Labeled Standard Recovery %R		X	X		
Cleanup Compound %R		X		X	
Dual Column (RPD)		X		X	
Dilution Factor		X		X	
Moisture Content	X				X

Notes:
%RSD = Relative standard deviation
RPD = Relative percent difference
%D = Percent Deviation
%R = Percent recovery

3 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under both the Tier I/II data validation reviews. The percent usability calculation also includes quality control samples (i.e., field/equipment blanks, trip blanks, and field duplicates) to aid in the evaluation of data usability. Data usability is summarized in the following table.

Table 15. Overall Summary of Data Usability

Parameter	Percent Usability	Rejected Data
PCBs	100%	0

The data package completeness, as determined from the Tier I data review, was used in combination with the data quality deviations identified during the Tier II data review to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I and Tier II data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses (discussed in this report) to provide a measure of compliance of the analytical data with the Data Quality Objectives specified in the FSP/QAPP.

VALIDATION PERFORMED BY: Amrutha M

SIGNATURE:

DATE: September 30, 2025

PEER REVIEW: Andrew Korycinski

DATE: October 6, 2025

Appendix A

Chain of Custody

Sample Receipt Notification

5500 Business Drive
Wilmington, NC 28405 USA
Tel: 910 794-1613
Toll Free: 866 846-8290
Fax: 910 794-3919

Project Manager:	*Amy Boehm*
Receipt Date & Time:	*16-Oct-24 at 09:34*
AP Project name:	*C1067*
Requested TAT:	*35 business days*
Projected due date:	*5-Dec-24*
Matrix:	*Tissue*
Phone#:	*910-794-1613*
Email Address:	*Amy.Boehm@sgs.com*

Company Contact:	*Adam Ayers*
Company:	*Arcadis U.S., Inc.*
Project Name & Site:	*GE Housatonic River*
Project PO#:	*inv to GE, PO 222183446*
QAAP/Contract #:	*2024 3013*
Requested Analysis:	*Percent M/S/Lipid, M1668C*
Phone#:	*518-312-0940*
Email Address:	Thomas.Ayers@arcadis.com

Client Smp ID	AP Smp ID	Sample Condition & Notes	Quantity	Size	Sampling Date	Sampling Time	Received Temp (°C)	Container #	Shipping #
5B-T-1	C1067_001	T	1	4oz clear glass jar	07-Oct-24	11:50	2.8	1	7792 7709 4367
5A-T-1	C1067_002	T	1	4oz clear glass jar	08-Oct-24	10:30	2.8	1	7792 7709 4367
5C-T-1	C1067_003	T	1	4oz clear glass jar	08-Oct-24	11:50	2.8	1	7792 7709 4367
7D-T-1	C1067_004	T	1	4oz clear glass jar	09-Oct-24	14:00	2.8	1	7792 7709 4367
7H-T-1	C1067_005	T	1	4oz clear glass jar	09-Oct-24	15:20	2.8	1	7792 7709 4367
11-T-1	C1067_006	T	1	4oz clear glass jar	10-Oct-24	09:30	2.8	1	7792 7709 4367
11-T-2	C1067_007	T	1	4oz clear glass jar	10-Oct-24	10:30	2.8	1	7792 7709 4367
11-T-3	C1067_008	T	1	4oz clear glass jar	10-Oct-24	11:30	2.8	1	7792 7709 4367

Preservation Type: **Sample Seals:** No

Notes/Comments:

Samples received intact. Set needs MS/MSD/DUP scheduled. Ajb 10/22/24

Any un-extracted sample will be stored for 90 days from reporting date. Additional storage fees may apply for any samples stored longer than 90 days.

Received by: Gisselle Bautista Remigio *Logged in by: Gisselle Bautista Remigio* *QC'ed by:* 10/21/2024

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: http://www.sgs.com/terms_and_conditions.htm

C1067

ARCADIS

ID#:

CHAIN OF CUSTODY & LABORATORY ANALYSIS REQUEST FORM

Page 1 of 1

Lab Work Order #

Send Results to:

Contact & Company Name: Adam Ayers/Arcadis

Telephone: 518 312 0940

Address:

Fax:

City State Zip

E-mail Address: Thomas.Ayers@arcadis.com

Project Name/Location (City, State): GE Housatonic River (CT, MA)

Project #:

Sampler's Printed Name: Matt Frachetton

Sampler's Signature:

Preservative	0°C						
Filtered (✓)	—						
# of Containers	1/Sample						
Container Information	7						

Keys

Preservation Key:
A. H_2SO_4
B. HCL
C. HNO_3
D. NaOH
E. None
F. Other: _____
G. Other: _____
H. Other: _____

Container Information Key:
1. 40 ml Vial
2. 1 L Amber
3. 250 ml Plastic
4. 500 ml Plastic
5. Encore
6. 2 oz. Glass
7. 4 oz. Glass
8. 8 oz. Glass
9. Other: _____
10. Other: _____

Matrix Key:
SO - Soil SE - Sediment NL - NAPL/Oil
W - Water SL - Sludge SW - Sample Wipe
T - Tissue A - Air Other: _____

PARAMETER ANALYSIS & METHOD

Sample ID	Collection Date	Collection Time	Type (✓) Comp	Type (✓) Grab	Matrix	PCB congeners (1668C)	% lipids	% Moisture	MS/MSD				REMARKS
5B-T-1	10/7	1150	X		T	X	X	X					Please Analyze for PCB congeners, % lipids and % Moisture in accordance with the September 19 Quote # 2024 3013.
5A-T-1	10/8	1030	↓		↓	↓	↓	↓					
5C-T-1	10/8	1150											
7D-T-1	10/9	1400											
7H-T-1	10/9	1520							X				
11-T-1	10/10	0930											
11-T-2	10/10	1030											Please call Adam Ayers @ 518 312 0940 with any questions prior to analysis. Thanks
11-T-3	10/10	1130	↓		↓	↓	↓	↓					

Special Instructions/Comments:

☐ Special QA/QC Instructions(✓):

Laboratory Information and Receipt		Relinquished By	Received By	Relinquished By	Laboratory Received By
Lab Name: SGS Wilmington	Cooler Custody Seal (✓) ☐ Intact ☐ Not Intact	Printed Name: Matt Frachetton	Printed Name:	Printed Name:	Printed Name: Gisselle Bautista
☒ Cooler packed with ice (✓)		Signature:	Signature:	Signature:	Signature:
Specify Turnaround Requirements: Standard	Sample Receipt:	Firm: Arcadis	Firm/Courier:	Firm/Courier:	Firm: SGS ILM
Shipping Tracking #: Fedex	Condition/Cooler Temp: _____	Date/Time: 10/15/24 / 1430	Date/Time:	Date/Time:	Date/Time: 10/16/24 9:34

Distribution: WHITE – Laboratory returns with results YELLOW – Lab copy PINK – Retained by Arcadis

Appendix B

Annotated Sample Analysis Data Sheets

Sample ID: 5B-T-1

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1067	Date Received:	16-Oct-2024
Project ID:	GE Housatonic River	Weight/Volume:	8.14 g	Sample ID:	C1067_21675_PCB_001-D10	Date Extracted:	22-Nov-2024
Date Collected:	07-Oct-2024	% Lipid	n/a	QC Batch No.:	21675	Date Analyzed:	04-Mar-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	234 J				ES PCB-1	68
PCB-81 344'5-TeCB	ND UJ	7.69			ES PCB-3	77.7
PCB-105 233'44'-PeCB	2,000 J				ES PCB-4	101
PCB-114 2344'5-PeCB	339 J				ES PCB-15	103
PCB-118 23'44'5-PeCB	5,410 J			E	ES PCB-19	91
PCB-123 23'44'5'-PeCB	77.9 J				ES PCB-37	100
PCB-126 33'44'5-PeCB	106 J				ES PCB-54	125
PCB-156/157 233'44'5/233'44'5'-HxCB	5,410 J			C	ES PCB-77	95.1
PCB-167 23'44'55'-HxCB	1,210 J				ES PCB-81	84.3
PCB-169 33'44'55'-HxCB	ND UJ	9.49			ES PCB-104	111
PCB-189 233'44'55'-HpCB	3,310 J				ES PCB-105	98.6
					ES PCB-114	96
TEQs (WHO 2005 M/H)					ES PCB-118	102
					ES PCB-123	103
ND = 0	11.2		11.2		ES PCB-126	98.2
ND = 0.5 x DL	11.3		11.3		ES PCB-153	106
ND = DL	11.5		11.5		ES PCB-155	100
					ES PCB-156/157	53.7
Totals					ES PCB-167	78.2
Mono-CB	15.9		24.6 JNX		ES PCB-169	60.2
Di-CB	1,130 J				ES PCB-170	136
Tri-CB	3,530		3,630 JNX		ES PCB-180	150 V
Tetra-CB	30,500		30,500 J		ES PCB-188	103
Penta-CB	47,100 J			E	ES PCB-189	126
Hexa-CB	200,000 J			E	ES PCB-202	101
Hepta-CB	211,000 J			E	ES PCB-205	106
Octa-CB	76,300 J			E	ES PCB-206	118
Nona-CB	4,370 J				ES PCB-208	118
Deca-CB	192 J				ES PCB-209	132
					CS PCB-28	95.4
Total PCB (Mono-Deca)	573,000		573,000 J	E	CS PCB-111	100
					CS PCB-178	103

Checkcode: 364-395-RQF/C SGS North America - PCB v0.99 Report Created: 05-Mar-2025 11:56 Analyst: pw

Sample ID: 5B-T-1

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1067	Date Received:	16-Oct-2024
Project ID:	GE Housatonic River	Weight/Volume:	8.14 g	Sample ID:	C1067_21675_PCB_001-D10	Date Extracted:	22-Nov-2024
Date Collected:	07-Oct-2024	% Lipid	n/a	QC Batch No.:	21675	Date Analyzed:	04-Mar-2025
		Units	pg/g	Checkcode:	364-395-RQF/C	Time Analyzed:	03:39:48

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	15.9 J		PCB-19	503 J		PCB-54	357 J		PCB-72	168 J	
PCB-2	(2.04) J		PCB-30/18	130 J	~~C~~	PCB-50/53	1,430 J	~~C~~	PCB-68	296 J	
PCB-3	[8.74] JNX	~~EMPC~~	PCB-17	345 J		PCB-45	(2.29) UJ		PCB-57	30 J	
			PCB-27	212 J		PCB-51	2,150 J		PCB-58	[11.1] NX	~~EMPC~~
Conc.	15.9		PCB-24	(2.28) UJ		PCB-46	56.8 J		PCB-67	(5.83) UJ	
EMPC	24.6		PCB-16	[21.7] NX	~~EMPC~~	PCB-52	3,180 J		PCB-63	234 J	
			PCB-32	425 J		PCB-73	186 J		PCB-61/70/74/76	1,340 J	~~C~~
Di	**Conc.**	**Qualifiers**	PCB-34	4.29 J		PCB-43	16 J		PCB-66	1,100 J	
PCB-4	351 J		PCB-23	(4.01) UJ		PCB-69/49	4,720 J	~~C~~	PCB-55	(6.44) UJ	
PCB-10	25.1 J		PCB-26/29	278 J	~~C~~	PCB-48	[21.7] NX	~~EMPC~~	PCB-56	67.8 J	
PCB-9	4.13 J		PCB-25	168 J		PCB-44/47/65	13,500 J	~~C~~	PCB-60	66.1 J	
PCB-7	1.88 J		PCB-31	313 J		PCB-59/62/75	335 J	~~C~~	PCB-80	13.6 J	
PCB-6	18.4 J		PCB-28/20	870 J	~~C~~	PCB-42	201 J		PCB-79	61.1 J	
PCB-5	(1.39) UJ		PCB-21/33	[79.3] NX	~~EMPC C~~	PCB-41	(2.46) UJ		PCB-78	(6.92) UJ	
PCB-8	43.3 J		PCB-22	37.5 J		PCB-71/40	556 J	~~C~~	PCB-81	(7.69) UJ	
PCB-14	(1.37) UJ		PCB-36	(3.49) UJ		PCB-64	161 J		PCB-77	234 J	
PCB-11	13.5 UBJ	~~B~~	PCB-39	6.69 J							
PCB-13/12	34.4 J	~~C~~	PCB-38	(3.78) UJ							
PCB-15	639 J		PCB-35	4.37 J							
			PCB-37	231 J							
Conc.	1,130		**Conc.**	3,530					**Conc.**	30,500	
EMPC	1,130		**EMPC**	3,630					**EMPC**	30,500	

5500 Business Drive
Wilmington, NC 28405, USA
Tel: +1 910 794-1613
www.us.sgs.com

Totals	Conc.	EMPC
Mono-Tri	4,670	4,780
Tetra-Hexa	277,000	277,000
Hepta-Deca	291,000	291,000
Mono-Deca	573,000	573,000

SGS

Sample ID: 5B-T-1 — Method 1668C

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	193 J		PCB-109/119/86/97/125/87	2,490 J	C	PCB-155	89.6 J		PCB-165	692 J	
PCB-96	97.5 J		PCB-117	2,110		PCB-152	78.8		PCB-146	14,800 J	E
PCB-103	701 J		PCB-116/85	352	C	PCB-150	186		PCB-161	(1.27) UJ	
PCB-94	238 J		PCB-110	3,430		PCB-136	2,270		PCB-153/168	57,000 J	E C
PCB-95	4,650 J		PCB-115	(2.04) UJ		PCB-145	2.46		PCB-141	5,320 J	E
PCB-100/93	1,950 J	C	PCB-82	160 J		PCB-148	259		PCB-130	2,160 J	
PCB-102	190 J		PCB-111	478 J		PCB-151/135	15,300	E C	PCB-137	435 J	
PCB-98	34.6 J		PCB-120	188 J		PCB-154	864		PCB-164	1,560 J	
PCB-88	(3.35) UJ		PCB-108/124	177 J	C	PCB-144	1,230		PCB-163/138/129	51,100 J	E C
PCB-91	1,900 J		PCB-107	1,030 J		PCB-147/149	22,000	E C	PCB-160	(1.55) UJ	
PCB-84	379 J		PCB-123	77.9 J		PCB-134	871		PCB-158	2,290 J	
PCB-89	5.95 J		PCB-106	(2.42) UJ		PCB-143	(1.69) UJ		PCB-128/166	4,670 J	C
PCB-121	69.3 J		PCB-118	5,410 J	E	PCB-139/140	279 J	C	PCB-159	481 J	
PCB-92	3,070 J		PCB-122	41.7 J		PCB-131	85.8 J		PCB-162	787 J	
PCB-113/90/101	10,300 J	C	PCB-114	339 J		PCB-142	(1.95) UJ		PCB-167	1,210 J	
PCB-83	150 J		PCB-105	2,000 J		PCB-132	3,370 J		PCB-156/157	5,410 J	C
PCB-99	4,780 J		PCB-127	28.5 J		PCB-133	4,670 J		PCB-169	(9.49) UJ	
PCB-112	17.9 J		PCB-126	106 J							
			Conc.	47,100					**Conc.**	200,000	
			EMPC	47,100					**EMPC**	200,000	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	168 J		PCB-174	9,650 J	E	PCB-202	3,010 J		PCB-208	766 J	
PCB-179	4,120 J		PCB-177	9,870	E	PCB-201	1,720		PCB-207	315	
PCB-184	16.5 J		PCB-181	90		PCB-204	2.19		PCB-206	3,290	
PCB-176	1,450 J		PCB-171/173	3,290	C	PCB-197	393				
PCB-186	(1.31) UJ		PCB-172	13,600	E	PCB-200	702		**Conc.**	4,370	
PCB-178	12,100 J	E	PCB-192	(5.21) UJ		PCB-198/199	18,800	E C	**EMPC**	4,370	
PCB-175	1,060		PCB-180/193	47,600 J	E C	PCB-196	4,360				
PCB-187	51,500	E	PCB-191	430 J		PCB-203	11,300	E	**Deca**	**Conc.**	**Qualifiers**
PCB-182	69.8		PCB-170	27,900 J	E	PCB-195	4,040		PCB-209	192 J	
PCB-183	14,000	E	PCB-190	8,570 J	E	PCB-194	30,300	E			
PCB-185	1,700		PCB-189	3,310 J		PCB-205	1,580				
			Conc.	211,000		**Conc.**	76,300				
			EMPC	211,000		**EMPC**	76,300				

Sample ID: 5A-T-1

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1067	Date Received:	16-Oct-2024
Project ID:	GE Housatonic River	Weight/Volume:	10.03 g	Sample ID:	C1067_21675_PCB_002-D10	Date Extracted:	22-Nov-2024
Date Collected:	08-Oct-2024	% Lipid	n/a	QC Batch No.:	21675	Date Analyzed:	04-Mar-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	937 J				ES PCB-1	62.4
PCB-81 344'5-TeCB	ND UJ	69.2			ES PCB-3	66.2
PCB-105 233'44'-PeCB	28,400 J			E	ES PCB-4	92.6
PCB-114 2344'5-PeCB	2,610				ES PCB-15	88.9
PCB-118 23'44'5-PeCB	130,000			E	ES PCB-19	89.6
PCB-123 23'44'5'-PeCB	2,770				ES PCB-37	87.9
PCB-126 33'44'5-PeCB	418				ES PCB-54	102
PCB-156/157 233'44'5/233'44'5'-HxCB	55,500			E C	ES PCB-77	30.1
PCB-167 23'44'55'-HxCB	26,100			E	ES PCB-81	88.6
PCB-169 33'44'55'-HxCB	ND UJ	69.8			ES PCB-104	121
PCB-189 233'44'55'-HpCB	14,300 J			E	ES PCB-105	90.6
					ES PCB-114	76.4
TEQs (WHO 2005 M/H)					ES PCB-118	93.1
					ES PCB-123	98.4
ND = 0	49.7		49.7		ES PCB-126	35
ND = 0.5 x DL	50.7		50.7		ES PCB-153	124
ND = DL	51.8		51.8		ES PCB-155	123
					ES PCB-156/157	81.5
Totals					ES PCB-167	96.4
Mono-CB	565 J				ES PCB-169	52.9
Di-CB	22,200		22,200 J	E	ES PCB-170	126
Tri-CB	133,000		135,000 JNX	E	ES PCB-180	135
Tetra-CB	858,000			E	ES PCB-188	88.8
Penta-CB	1,170,000			E	ES PCB-189	109
Hexa-CB	2,100,000			E	ES PCB-202	114
Hepta-CB	1,660,000			E	ES PCB-205	86.9
Octa-CB	493,000			E	ES PCB-206	97.7
Nona-CB	20,200			E	ES PCB-208	103
Deca-CB	361				ES PCB-209	114
					CS PCB-28	99.5
Total PCB (Mono-Deca)	6,470,000		6,470,000 J	E	CS PCB-111	42.4
					CS PCB-178	63.9

Checkcode: 679-626-HFG/C SGS North America - PCB v0.99 Report Created: 06-Mar-2025 09:46 Analyst: pw

Sample ID: 5A-T-1

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1067	Date Received:	16-Oct-2024
Project ID:	GE Housatonic River	Weight/Volume:	10.03 g	Sample ID:	C1067_21675_PCB_002-D10	Date Extracted:	22-Nov-2024
Date Collected:	08-Oct-2024	% Lipid	n/a	QC Batch No.:	21675	Date Analyzed:	04-Mar-2025
		Units	pg/g	Checkcode:	679-626-HFG/C	Time Analyzed:	04:37:35

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	471 J		PCB-19	11,900 J	E	PCB-54	5,990 J	E	PCB-72	6,580 J	E
PCB-2	8.44 J		PCB-30/18	5,340	~~C~~	PCB-50/53	35,500 J	E ~~C~~	PCB-68	6,670	E
PCB-3	85.6 J		PCB-17	21,100	E	PCB-45	(4.71) UJ		PCB-57	1,390	
			PCB-27	9,290	E	PCB-51	59,500 J	E	PCB-58	1,480	
Conc.	565		PCB-24	40.2		PCB-46	1,400		PCB-67	1,130	
EMPC	565		PCB-16	923		PCB-52	147,000	E	PCB-63	2,850	
			PCB-32	14,000	E	PCB-73	5,030	E	PCB-61/70/74/76	24,900	E ~~C~~
Di	**Conc.**	**Qualifiers**	PCB-34	72.9		PCB-43	195		PCB-66	23,800	E
PCB-4	12,800 J	E	PCB-23	(13.9) UJ		PCB-69/49	188,000	E ~~C~~	PCB-55	(58) UJ	
PCB-10	518		PCB-26/29	15,300 J	E ~~C~~	PCB-48	621		PCB-56	517 J	
PCB-9	130		PCB-25	15,100 J	E	PCB-44/47/65	302,000	E ~~C~~	PCB-60	445 J	
PCB-7	183		PCB-31	16,700 J	E	PCB-59/62/75	7,510	~~C~~	PCB-80	171 J	
PCB-6	1,040		PCB-28/20	18,400 J	E ~~C~~	PCB-42	9,360	E	PCB-79	1,270 J	
PCB-5	[9.27] NX	~~EMPC~~	PCB-21/33	[2,130] NX	~~EMPC C~~	PCB-41	(5.07) UJ		PCB-78	135 J	
PCB-8	1,670 J		PCB-22	2,010 J		PCB-71/40	17,700 J	E ~~C~~	PCB-81	(69.2) UJ	
PCB-14	(2.1) UJ		PCB-36	109		PCB-64	6,150 J	E	PCB-77	937 J	
PCB-11	97.1 J		PCB-39	174							
PCB-13/12	923 J	~~C~~	PCB-38	126							
PCB-15	4,860 J	E	PCB-35	105							
			PCB-37	1,910							
Conc.	22,200		**Conc.**	133,000					**Conc.**	858,000	
EMPC	22,200		**EMPC**	135,000					**EMPC**	858,000	

SGS

5500 Business Drive

Wilmington, NC 28405, USA

Tel: +1 910 794-1613

www.us.sgs.com

Totals	Conc.	EMPC
Mono-Tri	155,000	158,000
Tetra-Hexa	4,130,000	4,130,000
Hepta-Deca	2,180,000	2,180,000
Mono-Deca	6,470,000	6,470,000

SGS

Sample ID: 5A-T-1 — Method 1668C

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	2,890 J		PCB-109/119/86/97/125/87	76,000 J	E C	PCB-155	902 J		PCB-165	3,600 J	
PCB-96	2,260		PCB-117	10,900	E	PCB-152	1,580 J		PCB-146	152,000 J	E
PCB-103	21,600	E	PCB-116/85	13,000	E C	PCB-150	3,170 J		PCB-161	(2.62) UJ	
PCB-94	6,740	E	PCB-110	117,000	E	PCB-136	26,200 J	E	PCB-153/168	568,000 J	E C
PCB-95	93,400	E	PCB-115	(4.04) UJ		PCB-145	(2.49) UJ		PCB-141	51,600 J	E
PCB-100/93	68,600	E C	PCB-82	2,890 J		PCB-148	6,710 J	E	PCB-130	11,300 J	E
PCB-102	7,020	E	PCB-111	627		PCB-151/135	203,000 J	E C	PCB-137	12,400 J	E
PCB-98	(6.09) UJ		PCB-120	3,850		PCB-154	39,600 J	E	PCB-164	28,900 J	E
PCB-88	(6.64) UJ		PCB-108/124	3,260	C	PCB-144	23,600 J	E	PCB-163/138/129	439,000 J	E C
PCB-91	53,400 J	E	PCB-107	11,300	E	PCB-147/149	302,000 J	E C	PCB-160	(3.21) UJ	
PCB-84	8,210	E	PCB-123	2,770		PCB-134	(4.84) UJ		PCB-158	24,300 J	E
PCB-89	163		PCB-106	(4.81) UJ		PCB-143	11,700 J	E	PCB-128/166	10,400 J	E C
PCB-121	898		PCB-118	130,000	E	PCB-139/140	6,440 J	C	PCB-159	5,320 J	E
PCB-92	83,500	E	PCB-122	(6.55) UJ		PCB-131	2,270 J		PCB-162	1,920 J	
PCB-113/90/101	319,000	E C	PCB-114	2,610 J		PCB-142	(4.05) UJ		PCB-167	26,100 J	E
PCB-83	6,970	E	PCB-105	28,400 J	E	PCB-132	64,300 J	E	PCB-156/157	55,500 J	E C
PCB-99	96,700	E	PCB-127	(4.31) UJ		PCB-133	19,900 J	E	PCB-169	(69.8) UJ	
PCB-112	(3.98) UJ		PCB-126	418 J							
			Conc.	1,170,000					**Conc.**	2,100,000	
			EMPC	1,170,000					**EMPC**	2,100,000	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	1,470 J		PCB-174	127,000 J	E	PCB-202	17,700 J	E	PCB-208	2,540 J	
PCB-179	42,300	E	PCB-177	86,800 J	E	PCB-201	14,500	E	PCB-207	2,440	
PCB-184	273		PCB-181	(27.8) UJ		PCB-204	28.2		PCB-206	15,300	E
PCB-176	25,100	E	PCB-171/173	56,500 J	E C	PCB-197	4,450	E			
PCB-186	13		PCB-172	49,900 J	E	PCB-200	11,200	E	**Conc.**	20,200	
PCB-178	54,600	E	PCB-192	(21.5) UJ		PCB-198/199	111,000	E C	**EMPC**	20,200	
PCB-175	8,820	E	PCB-180/193	631,000 J	E C	PCB-196	62,900	E			
PCB-187	95,100	E	PCB-191	11,000 J	E	PCB-203	89,600	E	**Deca**	**Conc.**	**Qualifiers**
PCB-182	13,300	E	PCB-170	252,000 J	E	PCB-195	46,400	E	PCB-209	361 J	
PCB-183	129,000	E	PCB-190	40,100 J	E	PCB-194	129,000	E			
PCB-185	22,500	E	PCB-189	14,300 J	E	PCB-205	6,490	E			
			Conc.	1,660,000		**Conc.**	493,000				
			EMPC	1,660,000		**EMPC**	493,000				

Sample ID: 5C-T-1

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1067	Date Received:	16-Oct-2024
Project ID:	GE Housatonic River	Weight/Volume:	9.41 g	Sample ID:	C1067_21675_PCB_003-D10	Date Extracted:	22-Nov-2024
Date Collected:	08-Oct-2024	% Lipid	n/a	QC Batch No.:	21675	Date Analyzed:	04-Mar-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	283 J				ES PCB-1	69.3
PCB-81 344'5-TeCB	ND UJ	8.22			ES PCB-3	75.7
PCB-105 233'44'-PeCB	2,380 J				ES PCB-4	102
PCB-114 2344'5-PeCB	328				ES PCB-15	114
PCB-118 23'44'5-PeCB	7,700			E	ES PCB-19	96.3
PCB-123 23'44'5'-PeCB	104				ES PCB-37	101
PCB-126 33'44'5-PeCB	138				ES PCB-54	111
PCB-156/157 233'44'5/233'44'5'-HxCB	6,650			C	ES PCB-77	90.9
PCB-167 23'44'55'-HxCB	1,470				ES PCB-81	84.6
PCB-169 33'44'55'-HxCB	ND UJ	8.98			ES PCB-104	124
PCB-189 233'44'55'-HpCB	3,750 J				ES PCB-105	85.6
					ES PCB-114	84.2
TEQs (WHO 2005 M/H)					ES PCB-118	91.6
					ES PCB-123	85.9
ND = 0	14.5		14.5		ES PCB-126	83.8
ND = 0.5 x DL	14.7		14.7		ES PCB-153	112
ND = DL	14.8		14.8		ES PCB-155	118
					ES PCB-156/157	77.5
Totals					ES PCB-167	82.1
Mono-CB	8.62		19.9 JNX		ES PCB-169	74.7
Di-CB	1,360 J				ES PCB-170	148 V
Tri-CB	5,340		5,350 JNX		ES PCB-180	133
Tetra-CB	61,200		61,200 J	E	ES PCB-188	108
Penta-CB	80,900 J			E	ES PCB-189	120
Hexa-CB	257,000 J			E	ES PCB-202	98.1
Hepta-CB	267,000		267,000 J	E	ES PCB-205	126
Octa-CB	71,700		71,700 J	E	ES PCB-206	133
Nona-CB	3,480 J				ES PCB-208	126
Deca-CB	137 J				ES PCB-209	149 V
					CS PCB-28	103
Total PCB (Mono-Deca)	749,000		749,000 J	E	CS PCB-111	88.2
					CS PCB-178	95.5

Checkcode: 188-070-DGQ/C SGS North America - PCB v0.99 Report Created: 05-Mar-2025 11:57 Analyst: pw

Sample ID: 5C-T-1

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1067	Date Received:	16-Oct-2024
Project ID:	GE Housatonic River	Weight/Volume:	9.41 g	Sample ID:	C1067_21675_PCB_003-D10	Date Extracted:	22-Nov-2024
Date Collected:	08-Oct-2024	% Lipid	n/a	QC Batch No.:	21675	Date Analyzed:	04-Mar-2025
		Units	pg/g	Checkcode:	188-070-DGQ/C	Time Analyzed:	05:35:15

Mono	Conc.	Qualifiers
PCB-1	[11.2]	JNX EMPC
PCB-2	(1.95)	UJ
PCB-3	8.62	J
Conc.	8.62	
EMPC	19.9	
Di	**Conc.**	**Qualifiers**
PCB-4	375	J
PCB-10	23.2	
PCB-9	3.47	
PCB-7	2.42	
PCB-6	14.4	
PCB-5	(1.25)	UJ
PCB-8	43.7	J
PCB-14	(1.23)	UJ
PCB-11	12.8	J B
PCB-13/12	40.4	J C
PCB-15	846	J
Conc.	1,360	
EMPC	1,360	

Tri	Conc.	Qualifiers
PCB-19	549	J
PCB-30/18	186	C
PCB-17	507	
PCB-27	222	
PCB-24	[1.8]	NX EMPC
PCB-16	27.2	
PCB-32	680	
PCB-34	[5.4]	NX EMPC
PCB-23	(3.87)	UJ
PCB-26/29	386	J C
PCB-25	289	
PCB-31	566	
PCB-28/20	1,540	C
PCB-21/33	37.9	C
PCB-22	55.5	
PCB-36	(3.36)	
PCB-39	15.4	
PCB-38	7.36	
PCB-35	[5.2]	NX EMPC
PCB-37	273	
Conc.	5,340	
EMPC	5,350	

Tetra	Conc.	Qualifiers
PCB-54	476	J
PCB-50/53	2,380	J C
PCB-45	(4.7)	UJ
PCB-51	3,630	J
PCB-46	96.2	
PCB-52	5,460	E
PCB-73	240	
PCB-43	19.4	
PCB-69/49	9,890	E C
PCB-48	35.7	
PCB-44/47/65	31,100	E C
PCB-59/62/75	617	C
PCB-42	426	
PCB-41	(5.06)	UJ
PCB-71/40	1,050	J C
PCB-64	219	J

Tetra	Conc.	Qualifiers
PCB-72	191	J
PCB-68	576	
PCB-57	37.8	
PCB-58	236	
PCB-67	[15.3]	NX EMPC
PCB-63	390	
PCB-61/70/74/76	1,650	C
PCB-66	1,880	
PCB-55	(6.89)	UJ
PCB-56	80.8	J
PCB-60	56	
PCB-80	19.6	
PCB-79	74.4	
PCB-78	(7.41)	UJ
PCB-81	(8.22)	UJ
PCB-77	283	J
Conc.	61,200	
EMPC	61,200	

5500 Business Drive
Wilmington, NC 28405, USA
Tel: +1 910 794-1613
www.us.sgs.com

Totals	Conc.	EMPC
Mono-Tri	6,710	6,730
Tetra-Hexa	399,000	399,000
Hepta-Deca	343,000	343,000
Mono-Deca	749,000	749,000

Sample ID: 5C-T-1 — Method 1668C

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	245 J		PCB-109/119/86/97/125/87	4,050 J	C	PCB-155	130 J		PCB-165	744 J	
PCB-96	155		PCB-117	3,890		PCB-152	129		PCB-146	18,100 J	E
PCB-103	1,410		PCB-116/85	661	C	PCB-150	246		PCB-161	(2.91) UJ	
PCB-94	424		PCB-110	5,730	E	PCB-136	3,390		PCB-153/168	74,000 J	E C
PCB-95	7,850	E	PCB-115	(2.79) UJ		PCB-145	(2.88) UJ		PCB-141	5,170 J	E
PCB-100/93	3,970	C	PCB-82	176 J		PCB-148	272 J		PCB-130	2,720 J	
PCB-102	378		PCB-111	657		PCB-151/135	16,200	E C	PCB-137	636 J	
PCB-98	(4.2) UJ		PCB-120	285		PCB-154	1,110		PCB-164	1,160 J	
PCB-88	(4.58) UJ		PCB-108/124	230	C	PCB-144	1,700		PCB-163/138/129	74,100 J	E C
PCB-91	4,420 J	E	PCB-107	1,250		PCB-147/149	29,200	E C	PCB-160	(3.56) UJ	
PCB-84	529		PCB-123	104		PCB-134	994		PCB-158	2,800 J	
PCB-89	7.32		PCB-106	(3.32) UJ		PCB-143	(3.88) UJ		PCB-128/166	5,730	C
PCB-121	109		PCB-118	7,700 J	E	PCB-139/140	385 J	C	PCB-159	416	
PCB-92	4,740	E	PCB-122	49.1 J		PCB-131	119		PCB-162	791	
PCB-113/90/101	19,400	E C	PCB-114	328 J		PCB-142	(4.5)		PCB-167	1,470	
PCB-83	437		PCB-105	2,380 J		PCB-132	4,160		PCB-156/157	6,650	C
PCB-99	9,200	E	PCB-127	(3.87) UJ		PCB-133	4,750	E	PCB-169	(8.98) UJ	
PCB-112	(2.75) UJ		PCB-126	138 J							
			Conc.	80,900					**Conc.**	257,000	
			EMPC	80,900					**EMPC**	257,000	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	230 J		PCB-174	9,650 J	E	PCB-202	2,290 J		PCB-208	559 J	
PCB-179	4,590	E	PCB-177	14,400	E	PCB-201	2,120		PCB-207	322	
PCB-184	[18.3]	NX EMPC	PCB-181	126		PCB-204	[2.41]	NX EMPC	PCB-206	2,600	
PCB-176	1,680		PCB-171/173	4,630	C	PCB-197	446				
PCB-186	(3.07) UJ		PCB-172	16,100	E	PCB-200	600		**Conc.**	3,480	
PCB-178	10,300 J	E	PCB-192	(7.76) UJ		PCB-198/199	19,100	E C	**EMPC**	3,480	
PCB-175	1,520		PCB-180/193	58,300 J	E C	PCB-196	5,310	E			
PCB-187	77,600	E	PCB-191	555		PCB-203	12,100	E	**Deca**	**Conc.**	**Qualifiers**
PCB-182	83.6		PCB-170	29,600	E	PCB-195	3,700		PCB-209	137 J	
PCB-183	21,300	E	PCB-190	11,000	E	PCB-194	24,700	E			
PCB-185	1,870		PCB-189	3,750		PCB-205	1,280				
			Conc.	267,000		**Conc.**	71,700				
			EMPC	267,000		**EMPC**	71,700				

Sample ID: 7D-T-1

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Solid	Project No.:	C1067	Date Received:	16-Oct-2024
Project ID:	GE Housatonic River	Weight/Volume:	10.10 g	Sample ID:	C1067_21675_PCB_004-D10	Date Extracted:	22-Nov-2024
Date Collected:	09-Oct-2024	% Solid	n/a	QC Batch No.:	21675	Date Analyzed:	04-Mar-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	1,170 J				ES PCB-1	51.6
PCB-81 344'5-TeCB	ND UJ	49.6			ES PCB-3	56.2
PCB-105 233'44'-PeCB	18,400 J			E	ES PCB-4	75.4
PCB-114 2344'5-PeCB	1,560				ES PCB-15	99.2
PCB-118 23'44'5-PeCB	75,500			E	ES PCB-19	98.3
PCB-123 23'44'5'-PeCB	1,710				ES PCB-37	77.3
PCB-126 33'44'5-PeCB	438				ES PCB-54	78.2
PCB-156/157 233'44'5/233'44'5'-HxCB	25,900			E C	ES PCB-77	77.8
PCB-167 23'44'55'-HxCB	18,700			E	ES PCB-81	73
PCB-169 33'44'55'-HxCB	ND UJ	28.7			ES PCB-104	112
PCB-189 233'44'55'-HpCB	7,580 J			E	ES PCB-105	77.9
					ES PCB-114	77.7
TEQs (WHO 2005 M/H)					ES PCB-118	81.5
					ES PCB-123	78.4
ND = 0	48.4		48.4		ES PCB-126	69.7
ND = 0.5 x DL	48.8		48.8		ES PCB-153	94.4
ND = DL	49.3		49.3		ES PCB-155	75
					ES PCB-156/157	48.7
Totals					ES PCB-167	58.3
Mono-CB	97.7 J				ES PCB-169	46.9
Di-CB	6,550		6,580 JNX		ES PCB-170	135
Tri-CB	64,200 J			E	ES PCB-180	133
Tetra-CB	733,000			E	ES PCB-188	89.6
Penta-CB	999,000			E	ES PCB-189	91.4
Hexa-CB	1,900,000			E	ES PCB-202	85.3
Hepta-CB	1,500,000			E	ES PCB-205	94.7
Octa-CB	285,000			E	ES PCB-206	97.1
Nona-CB	10,600			E	ES PCB-208	106
Deca-CB	294				ES PCB-209	110
					CS PCB-28	87.9
Total PCB (Mono-Deca)	5,500,000		5,500,000 J	E	CS PCB-111	97.6
					CS PCB-178	103

Checkcode: 136-210-KGK/C SGS North America - PCB v0.99 Report Created: 05-Mar-2025 14:48 Analyst: pw

Sample ID: 7D-T-1

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Solid	Project No.:	C1067	Date Received:	16-Oct-2024
Project ID:	GE Housatonic River	Weight/Volume:	10.10 g	Sample ID:	C1067_21675_PCB_004-D10	Date Extracted:	22-Nov-2024
Date Collected:	09-Oct-2024	% Solid	n/a	QC Batch No.:	21675	Date Analyzed:	04-Mar-2025
		Units	pg/g	Checkcode:	136-210-KGK/C	Time Analyzed:	18:27:26

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	64.1 J		PCB-19	7,000 J	E	PCB-54	9,380 J	E	PCB-72	3,440 J	
PCB-2	(3.33) UJ		PCB-30/18	3,090	~~C~~	PCB-50/53	46,900 J	E ~~C~~	PCB-68	6,810	E
PCB-3	33.6 J		PCB-17	6,620	E	PCB-45	(3.82) UJ		PCB-57	544	
			PCB-27	3,330		PCB-51	69,500 J	E	PCB-58	488	
Conc.	97.7		PCB-24	28.9		PCB-46	2,660		PCB-67	(36.5) UJ	
EMPC	97.7		PCB-16	489		PCB-52	66,000	E	PCB-63	2,610 J	
			PCB-32	9,080	E	PCB-73	3,980	E	PCB-61/70/74/76	18,000 J	E ~~C~~
Di	**Conc.**	**Qualifiers**	PCB-34	123		PCB-43	329		PCB-66	23,300 J	E
PCB-4	3,100 J		PCB-23	(10.1) UJ		PCB-69/49	144,000	E ~~C~~	PCB-55	(38.4) UJ	
PCB-10	196		PCB-26/29	5,460 J	~~C~~	PCB-48	493		PCB-56	1,590 J	
PCB-9	[26.6] NX	~~EMPC~~	PCB-25	4,690	E	PCB-44/47/65	280,000	E ~~C~~	PCB-60	338	
PCB-7	20.8		PCB-31	5,950	E	PCB-59/62/75	6,540	~~C~~	PCB-80	60.6	
PCB-6	229		PCB-28/20	12,600	E ~~C~~	PCB-42	12,100	E	PCB-79	1,340	
PCB-5	3.28		PCB-21/33	2,950	~~C~~	PCB-41	(4.44) UJ		PCB-78	(44.6) UJ	
PCB-8	477		PCB-22	1,000		PCB-71/40	27,400 J	E ~~C~~	PCB-81	(49.6) UJ	
PCB-14	(2.29) UJ		PCB-36	38.2		PCB-64	4,480 J	E	PCB-77	1,170 J	
PCB-11	52.1 J		PCB-39	172							
PCB-13/12	325 J	~~C~~	PCB-38	96.9							
PCB-15	2,150 J		PCB-35	80.8							
			PCB-37	1,410							
Conc.	6,550		**Conc.**	64,200					**Conc.**	733,000	
EMPC	6,580		**EMPC**	64,200					**EMPC**	733,000	

5500 Business Drive
Wilmington, NC 28405, USA
Tel: +1 910 794-1613
www.us.sgs.com

Totals	Conc.	EMPC
Mono-Tri	70,900	70,900
Tetra-Hexa	3,630,000	3,630,000
Hepta-Deca	1,800,000	1,800,000
Mono-Deca	5,500,000	5,500,000

SGS

Sample ID: 7D-T-1 — Method 1668C

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	3,040 J		PCB-109/119/86/97/125/87	70,500 J	E C	PCB-155	624 J		PCB-165	1,710 J	
PCB-96	4,110	E	PCB-117	12,000	E	PCB-152	2,370		PCB-146	98,400 J	E
PCB-103	20,300	E	PCB-116/85	11,300	E C	PCB-150	4,990	E	PCB-161	(1.98) UJ	
PCB-94	7,630	E	PCB-110	107,000	E	PCB-136	38,500	E	PCB-153/168	400,000 J	E C
PCB-95	87,400	E	PCB-115	(31.6) UJ		PCB-145	63.9		PCB-141	95,300	E
PCB-100/93	52,000	E C	PCB-82	4,150 J	E	PCB-148	4,270	E	PCB-130	26,600	E
PCB-102	8,490	E	PCB-111	1,660		PCB-151/135	156,000	E C	PCB-137	9,100	E
PCB-98	1,770		PCB-120	3,520		PCB-154	21,200	E	PCB-164	28,600	E
PCB-88	(47.8) UJ		PCB-108/124	4,180	C	PCB-144	19,200	E	PCB-163/138/129	408,000	E C
PCB-91	62,700 J	E	PCB-107	12,400	E	PCB-147/149	345,000	E C	PCB-160	(2.79) UJ	
PCB-84	9,490	E	PCB-123	1,710		PCB-134	14,900	E	PCB-158	34,600 J	E
PCB-89	212		PCB-106	(34.5) UJ		PCB-143	(3.15) UJ		PCB-128/166	35,600	E C
PCB-121	1,140		PCB-118	75,500 J	E	PCB-139/140	5,430 J	C	PCB-159	6,480	E
PCB-92	66,400	E	PCB-122	952		PCB-131	1,690 J		PCB-162	2,270	
PCB-113/90/101	243,000	E C	PCB-114	1,560		PCB-142	(3.55) UJ		PCB-167	18,700	E
PCB-83	7,680	E	PCB-105	18,400	E	PCB-132	77,300 J	E	PCB-156/157	25,900	E C
PCB-99	98,300	E	PCB-127	460		PCB-133	13,100 J	E	PCB-169	(28.7) UJ	
PCB-112	259		PCB-126	438							
			Conc.	999,000					**Conc.**	1,900,000	
			EMPC	999,000					**EMPC**	1,900,000	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	1,170 J		PCB-174	160,000 J	E	PCB-202	13,900 J	E	PCB-208	1,680 J	
PCB-179	47,700	E	PCB-177	98,500	E	PCB-201	10,100	E	PCB-207	1,150	
PCB-184	168		PCB-181	1,030		PCB-204	22.3		PCB-206	7,730	E
PCB-176	20,600	E	PCB-171/173	41,600	E C	PCB-197	2,780				
PCB-186	(1.56) UJ		PCB-172	34,800	E	PCB-200	7,030	E	**Conc.**	10,600	
PCB-178	66,800 J	E	PCB-192	(30.1) UJ		PCB-198/199	70,400	E C	**EMPC**	10,600	
PCB-175	8,100	E	PCB-180/193	393,000 J	E C	PCB-196	38,500	E			
PCB-187	254,000	E	PCB-191	8,210	E	PCB-203	49,800	E	**Deca**	**Conc.**	**Qualifiers**
PCB-182	1,530		PCB-170	171,000	E	PCB-195	26,000	E	PCB-209	294 J	
PCB-183	121,000	E	PCB-190	39,700	E	PCB-194	63,200	E			
PCB-185	23,000	E	PCB-189	7,580	E	PCB-205	3,530				
			Conc.	1,500,000		**Conc.**	285,000				
			EMPC	1,500,000		**EMPC**	285,000				

Sample ID: 7H-T-1

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Solid	Project No.:	C1067	Date Received:	16-Oct-2024
Project ID:	GE Housatonic River	Weight/Volume:	10.00 g	Sample ID:	C1067_21675_PCB_005-D10	Date Extracted:	22-Nov-2024
Date Collected:	09-Oct-2024	% Solid	n/a	QC Batch No.:	21675	Date Analyzed:	04-Mar-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	1,550 J				ES PCB-1	89.1
PCB-81 344'5-TeCB	ND UJ	35.7			ES PCB-3	84.4
PCB-105 233'44'-PeCB	22,200 J			E	ES PCB-4	124
PCB-114 2344'5-PeCB	1,710				ES PCB-15	114
PCB-118 23'44'5-PeCB	77,000			E	ES PCB-19	109
PCB-123 23'44'5'-PeCB	1,890				ES PCB-37	105
PCB-126 33'44'5-PeCB	592				ES PCB-54	144
PCB-156/157 233'44'5/233'44'5'-HxCB	30,800			E C	ES PCB-77	90
PCB-167 23'44'55'-HxCB	24,200			E	ES PCB-81	89.4
PCB-169 33'44'55'-HxCB	ND UJ	25.6			ES PCB-104	119
PCB-189 233'44'55'-HpCB	9,200 J			E	ES PCB-105	90.4
					ES PCB-114	86.1
TEQs (WHO 2005 M/H)					ES PCB-118	97.4
					ES PCB-123	96.5
ND = 0	64.3		64.3		ES PCB-126	88.5
ND = 0.5 x DL	64.7		64.7		ES PCB-153	132
ND = DL	65.1		65.1		ES PCB-155	99
					ES PCB-156/157	53.5
Totals					ES PCB-167	71.9
Mono-CB	ND UJ	2.2			ES PCB-169	67.7
Di-CB	1,830		1,850 JNX		ES PCB-170	163 V
Tri-CB	10,800		11,300 JNX		ES PCB-180	199 V
Tetra-CB	208,000 J			E	ES PCB-188	91.1
Penta-CB	515,000			E	ES PCB-189	142
Hexa-CB	1,240,000			E	ES PCB-202	97.3
Hepta-CB	1,330,000			E	ES PCB-205	122
Octa-CB	289,000			E	ES PCB-206	132
Nona-CB	8,670			E	ES PCB-208	131
Deca-CB	179				ES PCB-209	163 V
					CS PCB-28	96.9
Total PCB (Mono-Deca)	3,600,000		3,600,000 J	E	CS PCB-111	83.4
					CS PCB-178	91.6

Checkcode: 696-783-PFP/C SGS North America - PCB v0.99 Report Created: 05-Mar-2025 14:46 Analyst: pw

Sample ID: 7H-T-1

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Solid	Project No.:	C1067	Date Received:	16-Oct-2024
Project ID:	GE Housatonic River	Weight/Volume:	10.00 g	Sample ID:	C1067_21675_PCB_005-D10	Date Extracted:	22-Nov-2024
Date Collected:	09-Oct-2024	% Solid	n/a	QC Batch No.:	21675	Date Analyzed:	04-Mar-2025
		Units	pg/g	Checkcode:	696-783-PFP/C	Time Analyzed:	06:32:55

Mono	Conc.	Qualifiers
PCB-1	(2.01) UJ	
PCB-2	(1.97) UJ	
PCB-3	(2.39) UJ	
Conc.	0	
EMPC	0	

Di	Conc.	Qualifiers
PCB-4	430 J	
PCB-10	4.93	
PCB-9	1.74	
PCB-7	3.36	
PCB-6	9.15	
PCB-5	(1.6) UJ	
PCB-8	[17.5] JNX	EMPC
PCB-14	(1.57) UJ	
PCB-11	24.5 J	
PCB-13/12	35.1 J	C
PCB-15	1,320 J	
Conc.	1,830	
EMPC	1,850	

Tri	Conc.	Qualifiers
PCB-19	294 J	
PCB-30/18	223	C
PCB-17	1,590	
PCB-27	94.6	
PCB-24	(2.09) UJ	
PCB-16	44.6 J	
PCB-32	159 J	
PCB-34	44.7 J	
PCB-23	(3.47) UJ	
PCB-26/29	705 J	C
PCB-25	289	
PCB-31	352	
PCB-28/20	5,560	C
PCB-21/33	[500] NX	EMPC C
PCB-22	54.7	
PCB-36	21.2	
PCB-39	130	
PCB-38	[3.38] NX	EMPC
PCB-35	23.2	
PCB-37	1,220	
Conc.	10,800	
EMPC	11,300	

Tetra	Conc.	Qualifiers
PCB-54	586 J	
PCB-50/53	3,790 J	C
PCB-45	(2.82) UJ	
PCB-51	18,300 J	E
PCB-46	349	
PCB-52	20,300	E
PCB-73	2,210	
PCB-43	157	
PCB-69/49	29,200	E C
PCB-48	169	
PCB-44/47/65	84,000	E C
PCB-59/62/75	643	C
PCB-42	2,800	
PCB-41	(3.04)	
PCB-71/40	3,030	C
PCB-64	401	

Sample ID: 7H-T-1 — Method 1668C

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	323 J		PCB-109/119/86/97/125/87	24,500 J	E C	PCB-155	25 J		PCB-165	1,820 J	
PCB-96	348		PCB-117	7,660 J	E	PCB-152	370		PCB-146	109,000 J	E
PCB-103	5,050	E	PCB-116/85	4,360 J	C	PCB-150	380		PCB-161	(2.23) UJ	
PCB-94	2,850		PCB-110	39,400 J	E	PCB-136	3,250		PCB-153/168	395,000 J	E C
PCB-95	18,700	E	PCB-115	(2.54) UJ		PCB-145	(2.67) UJ		PCB-141	55,300	E
PCB-100/93	2,620	C	PCB-82	2,690 J		PCB-148	2,950 J		PCB-130	26,300	E
PCB-102	887		PCB-111	1,540		PCB-151/135	76,500	E C	PCB-137	7,500	E
PCB-98	421		PCB-120	3,040		PCB-154	2,470		PCB-164	12,900	E
PCB-88	(4.17) UJ		PCB-108/124	3,340	C	PCB-144	8,140	E	PCB-163/138/129	291,000	E C
PCB-91	17,900 J	E	PCB-107	11,000	E	PCB-147/149	59,000	E C	PCB-160	(2.73) UJ	
PCB-84	2,100		PCB-123	1,890		PCB-134	6,540	E	PCB-158	26,100 J	E
PCB-89	97.9		PCB-106	(3.02) UJ		PCB-143	(2.98) UJ		PCB-128/166	45,100	E C
PCB-121	1,100		PCB-118	77,000 J	E	PCB-139/140	304 J	C	PCB-159	1,840	
PCB-92	44,200	E	PCB-122	(3.8) UJ		PCB-131	891 J		PCB-162	3,130	
PCB-113/90/101	156,000	E C	PCB-114	1,710 J		PCB-142	(3.45) UJ		PCB-167	24,200	E
PCB-83	1,520		PCB-105	22,200 J	E	PCB-132	31,100 J	E	PCB-156/157	30,800	E C
PCB-99	59,800	E	PCB-127	(2.84) UJ		PCB-133	13,300 J	E	PCB-169	(25.6) UJ	
PCB-112	117		PCB-126	592 J							
			Conc.	515,000					**Conc.**	1,240,000	
			EMPC	515,000					**EMPC**	1,240,000	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	682 J		PCB-174	30,000 J	E	PCB-202	11,400 J	E	PCB-208	1,180 J	
PCB-179	4,640 J	E	PCB-177	95,700	E	PCB-201	7,730	E	PCB-207	635	
PCB-184	(1.84) UJ		PCB-181	759		PCB-204	4.96		PCB-206	6,850	E
PCB-176	1,670 J		PCB-171/173	18,600	E C	PCB-197	932				
PCB-186	(1.71) UJ		PCB-172	38,800	E	PCB-200	412		**Conc.**	8,670	
PCB-178	71,900 J	E	PCB-192	(16) UJ		PCB-198/199	71,700	E C	**EMPC**	8,670	
PCB-175	7,270	E	PCB-180/193	425,000 J	E C	PCB-196	34,800	E			
PCB-187	278,000	E	PCB-191	6,980	E	PCB-203	55,300	E	**Deca**	**Conc.**	**Qualifiers**
PCB-182	602		PCB-170	190,000	E	PCB-195	27,300	E	PCB-209	179 J	
PCB-183	97,800	E	PCB-190	42,200	E	PCB-194	76,200	E			
PCB-185	9,520	E	PCB-189	9,200	E	PCB-205	3,590				
			Conc.	1,330,000		**Conc.**	289,000				
			EMPC	1,330,000		**EMPC**	289,000				

Sample ID: 11-T-1

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Solid	Project No.:	C1067	Date Received:	16-Oct-2024
Project ID:	GE Housatonic River	Weight/Volume:	9.63 g	Sample ID:	C1067_21675_PCB_006-D10	Date Extracted:	22-Nov-2024
Date Collected:	10-Oct-2024	% Solid	n/a	QC Batch No.:	21675	Date Analyzed:	04-Mar-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	271 J				ES PCB-1	57.8
PCB-81 344'5-TeCB	11.9				ES PCB-3	61.4
PCB-105 233'44'-PeCB	4,760			E	ES PCB-4	96.6
PCB-114 2344'5-PeCB	431				ES PCB-15	86.1
PCB-118 23'44'5-PeCB	15,600			E	ES PCB-19	87.6
PCB-123 23'44'5'-PeCB	402				ES PCB-37	77.4
PCB-126 33'44'5-PeCB	119				ES PCB-54	131
PCB-156/157 233'44'5/233'44'5'-HxCB	6,350			C	ES PCB-77	75
PCB-167 23'44'55'-HxCB	5,230			E	ES PCB-81	76.6
PCB-169 33'44'55'-HxCB	ND UJ	14.5			ES PCB-104	136
PCB-189 233'44'55'-HpCB	1,970 J				ES PCB-105	94
					ES PCB-114	87.7
TEQs (WHO 2005 M/H)					ES PCB-118	96.1
					ES PCB-123	98.2
ND = 0	13		13		ES PCB-126	73.1
ND = 0.5 x DL	13.2		13.2		ES PCB-153	112
ND = DL	13.4		13.4		ES PCB-155	112
					ES PCB-156/157	53.4
Totals					ES PCB-167	65.2
Mono-CB	ND UJ	3.85			ES PCB-169	55.5
Di-CB	178		206 JNX		ES PCB-170	137
Tri-CB	1,320		1,330 JNX		ES PCB-180	157 V
Tetra-CB	22,200		22,300 JNX		ES PCB-188	119
Penta-CB	85,900 J			E	ES PCB-189	98.3
Hexa-CB	396,000			E	ES PCB-202	106
Hepta-CB	328,000			E	ES PCB-205	93.8
Octa-CB	62,400			E	ES PCB-206	80.3
Nona-CB	2,050				ES PCB-208	119
Deca-CB	69.6				ES PCB-209	107
					CS PCB-28	88.9
Total PCB (Mono-Deca)	898,000		898,000 J	E	CS PCB-111	93.4
					CS PCB-178	119

Checkcode: 959-564-JXC/C SGS North America - PCB v0.99 Report Created: 05-Mar-2025 14:48 Analyst: pw

Sample ID: 11-T-1

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Solid	Project No.:	C1067	Date Received:	16-Oct-2024
Project ID:	GE Housatonic River	Weight/Volume:	9.63 g	Sample ID:	C1067_21675_PCB_006-D10	Date Extracted:	22-Nov-2024
Date Collected:	10-Oct-2024	% Solid	n/a	QC Batch No.:	21675	Date Analyzed:	04-Mar-2025
		Units	pg/g	Checkcode:	959-564-JXC/C	Time Analyzed:	19:25:11

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	(3.86) J		PCB-19	24 J		PCB-54	58 J		PCB-72	443 J	
PCB-2	(3.13) J		PCB-30/18	25.1	C	PCB-50/53	335 J	C	PCB-68	1,090	
PCB-3	(3.85) J		PCB-17	123		PCB-45	(3.94) UJ		PCB-57	[15.8] NX	EMPC
			PCB-27	7.68		PCB-51	1,040 J		PCB-58	29	
Conc.	0		PCB-24	(4.09) UJ		PCB-46	24.3		PCB-67	34.9	
EMPC	0		PCB-16	(6.15) UJ		PCB-52	1,820		PCB-63	293	
			PCB-32	[5.51] JNX	EMPC	PCB-73	199		PCB-61/70/74/76	1,120	C
Di	**Conc.**	**Qualifiers**	PCB-34	(6.31) UJ		PCB-43	12.6		PCB-66	2,950	
PCB-4	[28.1] J NX	EMPC	PCB-23	(6.53) UJ		PCB-69/49	2,740	C	PCB-55	(11.3) UJ	
PCB-10	(2.17) UJ		PCB-26/29	46.5 J	C	PCB-48	[26.2] NX	EMPC	PCB-56	53.3 J	
PCB-9	(2.13)		PCB-25	25.2		PCB-44/47/65	8,770	C	PCB-60	54.5 J	
PCB-7	(2.39)		PCB-31	38.9		PCB-59/62/75	112	C	PCB-80	(12.2) UJ	
PCB-6	(2.04)		PCB-28/20	756	C	PCB-42	283		PCB-79	144 J	
PCB-5	(2.49)		PCB-21/33	47.6	C	PCB-41	7.27		PCB-78	(13.2) UJ	
PCB-8	(1.98)		PCB-22	[5.12] NX	EMPC	PCB-71/40	273	C	PCB-81	11.9 J	
PCB-14	(2.43)		PCB-36	(5.78) UJ		PCB-64	78		PCB-77	271 J	
PCB-11	8.08 UBJ	B	PCB-39	26.2 J							
PCB-13/12	(2.49) UJ	C	PCB-38	(6.48) UJ							
PCB-15	170 J		PCB-35	(6.64) UJ							
			PCB-37	195							
Conc.	178		**Conc.**	1,320					**Conc.**	22,200	
EMPC	206		**EMPC**	1,330					**EMPC**	22,300	

5500 Business Drive
Wilmington, NC 28405, USA
Tel: +1 910 794-1613
www.us.sgs.com

Totals	Conc.	EMPC
Mono-Tri	1,490	1,530
Tetra-Hexa	504,000	504,000
Hepta-Deca	392,000	392,000
Mono-Deca	898,000	898,000

SGS

Sample ID: 11-T-1 — Method 1668C

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	33.3 J		PCB-109/119/86/97/125/87	4,000 J	C	PCB-155	(2.51) UJ		PCB-165	483 J	
PCB-96	35.4		PCB-117	1,300		PCB-152	51.4 J		PCB-146	30,600 J	E
PCB-103	770		PCB-116/85	959	C	PCB-150	47.9		PCB-161	(2.86) UJ	
PCB-94	366		PCB-110	6,210	E	PCB-136	504		PCB-153/168	168,000 J	E C
PCB-95	3,190		PCB-115	(9.01) UJ		PCB-145	(2.9) UJ		PCB-141	12,200	E
PCB-100/93	334	C	PCB-82	476 J		PCB-148	781 J		PCB-130	7,880	E
PCB-102	91.3		PCB-111	355		PCB-151/135	19,100	E C	PCB-137	1,880	
PCB-98	71.8		PCB-120	774		PCB-154	621		PCB-164	3,620	
PCB-88	(13.6) UJ		PCB-108/124	675	C	PCB-144	2,150		PCB-163/138/129	88,700	E C
PCB-91	2,110 J		PCB-107	2,520		PCB-147/149	15,200	E C	PCB-160	(4.01) UJ	
PCB-84	302		PCB-123	402		PCB-134	1,670		PCB-158	6,930 J	E
PCB-89	19.3		PCB-106	(9.85) UJ		PCB-143	(4.54) UJ		PCB-128/166	10,600	E C
PCB-121	201		PCB-118	15,600 J	E	PCB-139/140	85.9 J	C	PCB-159	445	
PCB-92	5,820	E	PCB-122	84.2		PCB-131	232 J		PCB-162	727	
PCB-113/90/101	22,800	E C	PCB-114	431		PCB-142	(5.1) UJ		PCB-167	5,230	E
PCB-83	397		PCB-105	4,760	E	PCB-132	8,060 J	E	PCB-156/157	6,350	C
PCB-99	10,600	E	PCB-127	93.2		PCB-133	3,860 J		PCB-169	(14.5) UJ	
PCB-112	15.9		PCB-126	119							
			Conc.	85,900					**Conc.**	396,000	
			EMPC	85,900					**EMPC**	396,000	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	128 J		PCB-174	7,810 J	E	PCB-202	2,810 J		PCB-208	291 J	
PCB-179	1,120 J		PCB-177	22,600	E	PCB-201	1,830 J		PCB-207	131	
PCB-184	(3.1) UJ		PCB-181	202		PCB-204	(1.95) UJ		PCB-206	1,620	
PCB-176	308 J		PCB-171/173	4,510	C	PCB-197	253 J				
PCB-186	(3.18) UJ		PCB-172	10,700	E	PCB-200	88.3		**Conc.**	2,050	
PCB-178	17,100 J	E	PCB-192	(8.36) UJ		PCB-198/199	16,700	E C	**EMPC**	2,050	
PCB-175	1,800		PCB-180/193	112,000 J	E C	PCB-196	6,380	E			
PCB-187	71,700	E	PCB-191	1,730		PCB-203	10,900	E	**Deca**	**Conc.**	**Qualifiers**
PCB-182	184		PCB-170	38,700	E	PCB-195	6,360	E	PCB-209	69.6 J	
PCB-183	21,800	E	PCB-190	11,000	E	PCB-194	16,300	E			
PCB-185	2,860		PCB-189	1,970		PCB-205	840				
			Conc.	328,000		**Conc.**	62,400				
			EMPC	328,000		**EMPC**	62,400				

Sample ID: 11-T-2

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1067	Date Received:	16-Oct-2024
Project ID:	GE Housatonic River	Weight/Volume:	10.33 g	Sample ID:	C1067_21675_PCB_007-D10	Date Extracted:	22-Nov-2024
Date Collected:	10-Oct-2024	% Lipid	n/a	QC Batch No.:	21675	Date Analyzed:	04-Mar-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	251 J				ES PCB-1	64.5
PCB-81 344'5-TeCB	ND UJ	15.7			ES PCB-3	70.6
PCB-105 233'44'-PeCB	4,610 J			E	ES PCB-4	104
PCB-114 2344'5-PeCB	364				ES PCB-15	94.1
PCB-118 23'44'5-PeCB	15,700			E	ES PCB-19	99
PCB-123 23'44'5'-PeCB	343				ES PCB-37	81.3
PCB-126 33'44'5-PeCB	134				ES PCB-54	112
PCB-156/157 233'44'5/233'44'5'-HxCB	5,360			C	ES PCB-77	67.2
PCB-167 23'44'55'-HxCB	3,960			E	ES PCB-81	72.3
PCB-169 33'44'55'-HxCB	ND UJ	15.4			ES PCB-104	145
PCB-189 233'44'55'-HpCB	1,600 J				ES PCB-105	91.2
					ES PCB-114	96.2
TEQs (WHO 2005 M/H)					ES PCB-118	97.1
					ES PCB-123	103
ND = 0	14.4		14.4		ES PCB-126	76.9
ND = 0.5 x DL	14.6		14.6		ES PCB-153	111
ND = DL	14.9		14.9		ES PCB-155	106
					ES PCB-156/157	59.4
Totals					ES PCB-167	71.6
Mono-CB	ND UJ	2.87			ES PCB-169	61.6
Di-CB	194		275 JNX		ES PCB-170	163 V
Tri-CB	2,350 J				ES PCB-180	149 V
Tetra-CB	47,700 J			E	ES PCB-188	131
Penta-CB	126,000 J			E	ES PCB-189	106
Hexa-CB	465,000 J			E	ES PCB-202	114
Hepta-CB	348,000 J			E	ES PCB-205	99.4
Octa-CB	78,900		78,900 J	E	ES PCB-206	102
Nona-CB	3,390 J				ES PCB-208	120
Deca-CB	99.9 J				ES PCB-209	133
					CS PCB-28	78.6
Total PCB (Mono-Deca)	1,070,000		1,070,000 J	E	CS PCB-111	100
					CS PCB-178	128

Checkcode: 449-069-MFM/C SGS North America - PCB v0.99 Report Created: 05-Mar-2025 11:59 Analyst: pw

Sample ID: 11-T-2

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1067	Date Received:	16-Oct-2024
Project ID:	GE Housatonic River	Weight/Volume:	10.33 g	Sample ID:	C1067_21675_PCB_007-D10	Date Extracted:	22-Nov-2024
Date Collected:	10-Oct-2024	% Lipid	n/a	QC Batch No.:	21675	Date Analyzed:	04-Mar-2025
		Units	pg/g	Checkcode:	449-069-MFM/C	Time Analyzed:	20:22:52

Mono	Conc.	Qualifiers
PCB-1	(3.03) UJ	
PCB-2	(2.21)	
PCB-3	(2.71)	
Conc.	0	
EMPC	0	

Di	Conc.	Qualifiers
PCB-4	[28.4] JNX	~~EMPC~~
PCB-10	3.04 J	
PCB-9	(2.93) UJ	
PCB-7	(3.29) UJ	
PCB-6	4.47 J	
PCB-5	(3.43) UJ	
PCB-8	[15.2] JNX	~~EMPC~~
PCB-14	(3.34) J	
PCB-11	[37.3] JNX	~~EMPC~~
PCB-13/12	15.6 J	~~C~~
PCB-15	171 J	
Conc.	194	
EMPC	275	

Tri	Conc.	Qualifiers
PCB-19	71.3 J	
PCB-30/18	39.2 J	~~C~~
PCB-17	139 J	
PCB-27	56.2 J	
PCB-24	(3.23) UJ	
PCB-16	5.85 J	
PCB-32	83.1 J	
PCB-34	3.26 J	
PCB-23	(7.25) UJ	
PCB-26/29	192 J	~~C~~
PCB-25	171 J	
PCB-31	358	
PCB-28/20	955	~~C~~
PCB-21/33	41.7	~~C~~
PCB-22	57.1	
PCB-36	(6.42) UJ	
PCB-39	22.6 J	
PCB-38	(7.2) UJ	
PCB-35	(7.38) UJ	
PCB-37	152 J	
Conc.	2,350	
EMPC	2,350	

Tetra	Conc.	Qualifiers
PCB-54	115 J	
PCB-50/53	794 J	~~C~~
PCB-45	(2.9) UJ	
PCB-51	502 J	
PCB-46	23.6 J	
PCB-52	4,840 J	E
PCB-73	251 J	
PCB-43	(2.62) UJ	
PCB-69/49	9,000 J	E ~~C~~
PCB-48	39.4 J	
PCB-44/47/65	21,200 J	E ~~C~~
PCB-59/62/75	584 J	~~C~~
PCB-42	313 J	
PCB-41	(3.37) UJ	
PCB-71/40	1,300 J	~~C~~
PCB-64	498 J	

SGS

Sample ID: 11-T-2 — Method 1668C

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	120 J		PCB-109/119/86/97/125/87	6,630 J	C	PCB-155	74.9 J		PCB-165	420 J	
PCB-96	57		PCB-117	1,580		PCB-152	83.1		PCB-146	24,900 J	E
PCB-103	1,640		PCB-116/85	2,470	C	PCB-150	357		PCB-161	(1.8) UJ	
PCB-94	210		PCB-110	19,600	E	PCB-136	2,910		PCB-153/168	130,000 J	E C
PCB-95	7,380	E	PCB-115	(5.79) UJ		PCB-145	(2.34) UJ		PCB-141	19,700	E
PCB-100/93	3,940	C	PCB-82	366 J		PCB-148	785 J		PCB-130	8,580	E
PCB-102	346		PCB-111	281		PCB-151/135	30,400	E C	PCB-137	2,240	
PCB-98	68.1		PCB-120	670		PCB-154	3,680		PCB-164	8,450	E
PCB-88	(8.77) UJ		PCB-108/124	769	C	PCB-144	3,220		PCB-163/138/129	108,000	E C
PCB-91	3,050 J		PCB-107	2,560		PCB-147/149	69,900	E C	PCB-160	(2.53) UJ	
PCB-84	345		PCB-123	343		PCB-134	2,540		PCB-158	8,440	E
PCB-89	12.5		PCB-106	(6.33) UJ		PCB-143	(2.86) UJ		PCB-128/166	10,400	E C
PCB-121	141		PCB-118	15,700 J	E	PCB-139/140	1,210 J	C	PCB-159	1,730	
PCB-92	5,810	E	PCB-122	212		PCB-131	261 J		PCB-162	575	
PCB-113/90/101	32,400	E C	PCB-114	364		PCB-142	(3.22) UJ		PCB-167	3,960	E
PCB-83	284		PCB-105	4,610	E	PCB-132	13,000 J	E	PCB-156/157	5,360	C
PCB-99	14,100	E	PCB-127	111		PCB-133	3,770 J		PCB-169	(15.4) UJ	
PCB-112	(5.35) UJ		PCB-126	134							
			Conc.	126,000					**Conc.**	465,000	
			EMPC	126,000					**EMPC**	465,000	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	186 J		PCB-174	36,700 J	E	PCB-202	3,840 J		PCB-208	550 J	
PCB-179	10,100	E	PCB-177	26,000	E	PCB-201	2,590 J		PCB-207	272	
PCB-184	27.5		PCB-181	214		PCB-204	[4.34] NX	EMPC	PCB-206	2,560	
PCB-176	3,450		PCB-171/173	9,550	E C	PCB-197	674 J				
PCB-186	(1.97) UJ		PCB-172	9,450	E	PCB-200	1,860		**Conc.**	3,390	
PCB-178	18,000 J	E	PCB-192	(8.82) UJ		PCB-198/199	23,800	E C	**EMPC**	3,390	
PCB-175	1,760		PCB-180/193	91,800 J	E C	PCB-196	9,330	E			
PCB-187	62,700	E	PCB-191	1,780		PCB-203	11,500	E	**Deca**	**Conc.**	**Qualifiers**
PCB-182	341		PCB-170	37,300	E	PCB-195	8,050	E	PCB-209	99.9 J	
PCB-183	23,200	E	PCB-190	8,460	E	PCB-194	16,200	E			
PCB-185	5,160	E	PCB-189	1,600		PCB-205	1,000				
			Conc.	348,000		**Conc.**	78,900				
			EMPC	348,000		**EMPC**	78,900				

Sample ID: 11-T-3

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1067	Date Received:	16-Oct-2024
Project ID:	GE Housatonic River	Weight/Volume:	10.06 g	Sample ID:	C1067_21675_PCB_008-D10	Date Extracted:	22-Nov-2024
Date Collected:	10-Oct-2024	% Lipid	n/a	QC Batch No.:	21675	Date Analyzed:	04-Mar-2025

Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery
	pg/g	pg/g	pg/g			%
PCB-77 33'44'-TeCB	128 J				ES PCB-1	67.4
PCB-81 344'5-TeCB	EMPC		2.83 JNX		ES PCB-3	72.1
PCB-105 233'44'-PeCB	1,160 J				ES PCB-4	107
PCB-114 2344'5-PeCB	175				ES PCB-15	85.3
PCB-118 23'44'5-PeCB	4,800			E	ES PCB-19	89.3
PCB-123 23'44'5'-PeCB	169				ES PCB-37	84.5
PCB-126 33'44'5-PeCB	74.8				ES PCB-54	129
PCB-156/157 233'44'5/233'44'5'-HxCB	2,480			C	ES PCB-77	74.1
PCB-167 23'44'55'-HxCB	2,200				ES PCB-81	72.8
PCB-169 33'44'55'-HxCB	ND UJ	8.51			ES PCB-104	130
PCB-189 233'44'55'-HpCB	981 J				ES PCB-105	81
					ES PCB-114	89.3
TEQs (WHO 2005 M/H)					ES PCB-118	90.8
					ES PCB-123	89.6
ND = 0	7.85		7.85		ES PCB-126	72.2
ND = 0.5 x DL	7.98		7.98		ES PCB-153	130
ND = DL	8.11		8.11		ES PCB-155	133
					ES PCB-156/157	79.1
Totals					ES PCB-167	85.5
Mono-CB	ND UJ	1.9			ES PCB-169	63.2
Di-CB	64.8 J				ES PCB-170	160 V
Tri-CB	252		279 JNX		ES PCB-180	176 V
Tetra-CB	4,870		4,900 JNX		ES PCB-188	154 V
Penta-CB	23,100		23,100 J	E	ES PCB-189	118
Hexa-CB	112,000		112,000 J	E	ES PCB-202	127
Hepta-CB	80,400 J			E	ES PCB-205	94.9
Octa-CB	21,800		21,800 J	E	ES PCB-206	105
Nona-CB	952 J				ES PCB-208	137
Deca-CB	51.9 J				ES PCB-209	143
					CS PCB-28	81
Total PCB (Mono-Deca)	244,000		244,000 J	E	CS PCB-111	83.1
					CS PCB-178	135

Checkcode: 120-706-DFG/C SGS North America - PCB v0.99 Report Created: 05-Mar-2025 11:59 Analyst: pw

Sample ID: 11-T-3

Method 1668C

Client Data		Sample Data		Laboratory Data			
Name:	Arcadis U.S., Inc.	Matrix:	Tissue	Project No.:	C1067	Date Received:	16-Oct-2024
Project ID:	GE Housatonic River	Weight/Volume:	10.06 g	Sample ID:	C1067_21675_PCB_008-D10	Date Extracted:	22-Nov-2024
Date Collected:	10-Oct-2024	% Lipid	n/a	QC Batch No.:	21675	Date Analyzed:	04-Mar-2025
		Units	pg/g	Checkcode:	120-706-DFG/C	Time Analyzed:	21:20:38

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	(1.84) UJ		PCB-19	[6.48] J NX	~~EMPC~~	PCB-54	10.5 J		PCB-72	223 J	
PCB-2	(1.59)		PCB-30/18	[9.3] JNX	~~EMPC C~~	PCB-50/53	66.4	~~C~~	PCB-68	343	
PCB-3	(1.96)		PCB-17	9.34 J		PCB-45	5.14		PCB-57	14.5	
			PCB-27	4.8 J		PCB-51	28.6		PCB-58	29.7	
Conc.	0		PCB-24	(2.15) UJ		PCB-46	[2.76] JNX	~~EMPC~~	PCB-67	19.7	
EMPC	0		PCB-16	(3.24) UJ		PCB-52	904 J		PCB-63	87.3	
			PCB-32	[4.35] J NX	~~EMPC~~	PCB-73	23.1 J		PCB-61/70/74/76	438	~~C~~
Di	**Conc.**	**Qualifiers**	PCB-34	(3.79) UJ		PCB-43	(2.07) UJ		PCB-66	549	
PCB-4	5.2 J		PCB-23	(3.92) UJ		PCB-69/49	735 J	~~C~~	PCB-55	(5.16) UJ	
PCB-10	(1.23) UJ		PCB-26/29	48.6 J	~~C~~	PCB-48	6.5		PCB-56	38.8 J	
PCB-9	(1.76)		PCB-25	24.1		PCB-44/47/65	1,050	~~C~~	PCB-60	(6.45) UJ	
PCB-7	(1.97)		PCB-31	52.9		PCB-59/62/75	34.5	~~C~~	PCB-80	(5.56) UJ	
PCB-6	(1.69)		PCB-28/20	55.6	~~C~~	PCB-42	47.2		PCB-79	57.2 J	
PCB-5	(2.06)		PCB-21/33	(3.77) UJ	~~C~~	PCB-41	(2.67) UJ		PCB-78	(5.99) UJ	
PCB-8	1.6 J	~~B~~	PCB-22	5.01 J		PCB-71/40	[33.1] JNX	~~EMPC C~~	PCB-81	[2.83] JNX	~~EMPC~~
PCB-14	(2) UJ		PCB-36	(3.47) UJ		PCB-64	22.5		PCB-77	128 UJ	
PCB-11	15.9 J	~~B~~	PCB-39	[6.69] JNX	~~EMPC~~						
PCB-13/12	3.73	~~C~~	PCB-38	(3.89) UJ							
PCB-15	38.4		PCB-35	(3.99) UJ							
			PCB-37	51.6 J							
Conc.	64.8		**Conc.**	252					**Conc.**	4,870	
EMPC	64.8		**EMPC**	279					**EMPC**	4,900	

5500 Business Drive
Wilmington, NC 28405, USA
Tel: +1 910 794-1613
www.us.sgs.com

Totals	Conc.	EMPC
Mono-Tri	317	344
Tetra-Hexa	140,000	140,000
Hepta-Deca	103,000	103,000
Mono-Deca	244,000	244,000

SGS

Sample ID: 11-T-3 — Method 1668C

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	8.32 J		PCB-109/119/86/97/125/87	733 J	C	PCB-155	17.6 J		PCB-165	268 J	
PCB-96	4.81		PCB-117	293		PCB-152	[3.85] NX	EMPC	PCB-146	13,000 J	E
PCB-103	357		PCB-116/85	156	C	PCB-150	30.7 J		PCB-161	(1.74) UJ	
PCB-94	19.9		PCB-110	770		PCB-136	151 J		PCB-153/168	61,900 J	E C
PCB-95	604		PCB-115	(2.65) UJ		PCB-145	(1.81) UJ		PCB-141	3,980	E
PCB-100/93	185	C	PCB-82	58.8 J		PCB-148	272 J		PCB-130	1,180	
PCB-102	19.4		PCB-111	185		PCB-151/135	2,130	C	PCB-137	406	
PCB-98	[7.16] NX	EMPC	PCB-120	476		PCB-154	514		PCB-164	520	
PCB-88	(4.01) UJ		PCB-108/124	280	C	PCB-144	632		PCB-163/138/129	12,100	E C
PCB-91	183 J		PCB-107	1,150		PCB-147/149	5,040	C	PCB-160	(2.44) UJ	
PCB-84	29.7 J		PCB-123	169		PCB-134	183		PCB-158	1,040 J	
PCB-89	(3.58) UJ		PCB-106	(2.89) UJ		PCB-143	(2.76) UJ		PCB-128/166	980	C
PCB-121	78.5 J		PCB-118	4,800 J	E	PCB-139/140	71 J	C	PCB-159	117	
PCB-92	1,650		PCB-122	42.8		PCB-131	36.4 J		PCB-162	379	
PCB-113/90/101	6,110	C	PCB-114	175		PCB-142	(3.1) UJ		PCB-167	2,200	
PCB-83	135		PCB-105	1,160		PCB-132	424 J		PCB-156/157	2,480	C
PCB-99	3,150		PCB-127	(3.29) UJ		PCB-133	2,310 J		PCB-169	(8.51) UJ	
PCB-112	(2.44) UJ		PCB-126	74.8 J							
			Conc.	23,100					**Conc.**	112,000	
			EMPC	23,100					**EMPC**	112,000	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	72.6 J		PCB-174	1,540 J		PCB-202	1,410 J		PCB-208	145 J	
PCB-179	346		PCB-177	1,050		PCB-201	589		PCB-207	87.4	
PCB-184	3.39		PCB-181	30.3		PCB-204	[0.678] NX	J EMPC	PCB-206	719	
PCB-176	193		PCB-171/173	517	C	PCB-197	140				
PCB-186	(1.61) UJ		PCB-172	4,480	E	PCB-200	124		**Conc.**	952	
PCB-178	6,950 J	E	PCB-192	(3.69) UJ		PCB-198/199	3,320	C	**EMPC**	952	
PCB-175	630		PCB-180/193	41,300 J	E C	PCB-196	1,430				
PCB-187	10,200	E	PCB-191	258		PCB-203	5,190	E	**Deca**	**Conc.**	**Qualifiers**
PCB-182	38		PCB-170	4,800	E	PCB-195	749		PCB-209	51.9 J	
PCB-183	3,810		PCB-190	2,220		PCB-194	8,450	E			
PCB-185	907		PCB-189	981		PCB-205	444				
			Conc.	80,400		**Conc.**	21,800				
			EMPC	80,400		**EMPC**	21,800				

Arcadis U.S., Inc.
One Lincoln Center, 110 West Fayette Street, Suite 300
Syracuse
New York 13202
Phone: 315 446 9120
Fax: 315 449 0017
www.arcadis.com

Appendix L
Analytical Data Summary Table
(Benthic Invertebrate)

Table L-1
Benthic Invertebrate Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID: / Date Collected:	CAS Number	Units	5A-T-1 10/08/24	5B-T-1 10/07/24	5C-T-1 10/08/24	7D-T-1 10/09/24	7H-T-1 10/09/24	11-T-1 10/10/24	11-T-2 10/10/24	11-T-3 10/10/24
PCB CONGENERS BY HRMS (EPA 1668C)										
PCB-1	2051-60-7	mg/kg	0.000471 J	0.0000159 J	0.0000112 JNX	0.0000641 J	0.00000201 UJ	0.00000386 UJ	0.00000303 UJ	0.00000184 UJ
PCB-2	2051-61-8	mg/kg	0.00000844 J	0.00000204 UJ	0.00000195 UJ	0.00000333 UJ	0.00000197 UJ	0.00000313 UJ	0.00000221 UJ	0.00000159 UJ
PCB-3	2051-62-9	mg/kg	0.0000856 J	0.00000874 JNX	0.00000862 J	0.0000336 J	0.00000239 UJ	0.00000385 UJ	0.00000271 UJ	0.00000196 UJ
PCB-4	13029-08-8	mg/kg	0.0128 EJ	0.000351 J	0.000375 J	0.0031 J	0.00043 J	0.0000281 JNX	0.0000284 JNX	0.0000052 J
PCB-5	16605-91-7	mg/kg	0.00000927 JNX	0.00000139 UJ	0.00000125 UJ	0.00000328 J	0.0000016 UJ	0.00000249 UJ	0.00000343 UJ	0.00000206 UJ
PCB-6	25569-80-6	mg/kg	0.00104 J	0.0000184 J	0.0000144 J	0.000229 J	0.00000915 J	0.00000204 UJ	0.00000447 J	0.00000169 UJ
PCB-7	33284-50-3	mg/kg	0.000183 J	0.00000188 J	0.00000242 J	0.0000208 J	0.00000336 J	0.00000239 UJ	0.00000329 UJ	0.00000197 UJ
PCB-8	34883-43-7	mg/kg	0.00167 J	0.0000433 J	0.0000437 J	0.000477 J	0.0000175 JNX	0.00000198 UJ	0.0000152 JNX	0.0000016
PCB-9	34883-39-1	mg/kg	0.00013 J	0.00000413 J	0.00000347 J	0.0000266 JNX	0.00000174 J	0.00000213 UJ	0.00000293 UJ	0.00000176 UJ
PCB-10	33146-45-1	mg/kg	0.000518 J	0.0000251 J	0.0000232 J	0.000196 J	0.00000493 J	0.00000217 UJ	0.00000304 J	0.00000123 UJ
PCB-11	2050-67-1	mg/kg	0.0000971 J	0.0000135	0.0000128	0.0000521 J	0.0000245 J	0.00000808 UBJ	0.0000373 JNX	0.0000159
PCB-12/13	12-13	mg/kg	0.000923 J	0.0000344 J	0.0000404 J	0.000325 J	0.0000351 J	0.00000249 UJ	0.0000156 J	0.00000373 J
PCB-14	34883-41-5	mg/kg	0.0000021 UJ	0.00000137 UJ	0.00000123 UJ	0.00000229 UJ	0.00000157 UJ	0.00000243 UJ	0.00000334 UJ	0.000002 UJ
PCB-15	2050-68-2	mg/kg	0.00486 EJ	0.000639 J	0.000846 J	0.00215 J	0.00132 J	0.00017 J	0.000171 J	0.0000384 J
PCB-16	38444-78-9	mg/kg	0.000923 J	0.0000217 JNX	0.0000272 J	0.000489 J	0.0000446 J	0.00000615 UJ	0.00000585 J	0.00000324 UJ
PCB-17	37680-66-3	mg/kg	0.0211 EJ	0.000345 J	0.000507 J	0.00662 EJ	0.00159 J	0.000123 J	0.000139 J	0.00000934 J
PCB-18/30	18-30	mg/kg	0.00534 J	0.00013 J	0.000186 J	0.00309 J	0.000223 J	0.0000251 J	0.0000392 J	0.0000093 JNX
PCB-19	38444-73-4	mg/kg	0.0119 EJ	0.000503 J	0.000549 J	0.007 EJ	0.000294 J	0.000024 J	0.0000713 J	0.00000648 JNX
PCB-20/28	20-28	mg/kg	0.0184 EJ	0.00087 J	0.00154 J	0.0126 EJ	0.00556 J	0.000756 J	0.000955 J	0.0000556 J
PCB-21/33	21-33	mg/kg	0.00213 JNX	0.0000793 JNX	0.0000379 J	0.00295 J	0.0005 JNX	0.0000476 J	0.0000417 J	0.00000377 UJ
PCB-22	38444-85-8	mg/kg	0.00201 J	0.0000375 J	0.0000555 J	0.001 J	0.0000547 J	0.00000512 JNX	0.0000571 J	0.00000501 J
PCB-23	55720-44-0	mg/kg	0.0000139 UJ	0.00000401 UJ	0.00000387 UJ	0.0000101 UJ	0.00000347 UJ	0.00000653 UJ	0.00000725 UJ	0.00000392 UJ
PCB-24	55702-45-9	mg/kg	0.0000402 J	0.00000228 UJ	0.0000018 JNX	0.0000289 J	0.00000209 UJ	0.00000409 UJ	0.00000323 UJ	0.00000215 UJ
PCB-25	55712-37-3	mg/kg	0.0151 EJ	0.000168 J	0.000289 J	0.00469 EJ	0.000289 J	0.0000252 J	0.000171 J	0.0000241 J
PCB-26/29	26-29	mg/kg	0.0153 EJ	0.000278 J	0.000386 J	0.00546 J	0.000705 J	0.0000465 J	0.000192 J	0.0000486 J
PCB-27	38444-76-7	mg/kg	0.00929 EJ	0.000212 J	0.000222 J	0.00333 J	0.0000946 J	0.00000768 J	0.0000562 J	0.0000048 J
PCB-31	16606-02-3	mg/kg	0.0167 EJ	0.000313 J	0.000566 J	0.00595 EJ	0.000352 J	0.0000389 J	0.000358 J	0.0000529 J
PCB-32	38444-77-8	mg/kg	0.014 EJ	0.000425 J	0.00068 J	0.00908 EJ	0.000159 J	0.00000551 JNX	0.0000831 J	0.00000435 JNX
PCB-34	37680-68-5	mg/kg	0.0000729 J	0.00000429 J	0.0000054 JNX	0.000123 J	0.0000447 J	0.00000631 UJ	0.00000326 J	0.00000379 UJ
PCB-35	37680-69-6	mg/kg	0.000105 J	0.00000437 J	0.0000052 JNX	0.0000808 J	0.0000232 J	0.00000664 UJ	0.00000738 UJ	0.00000399 UJ
PCB-36	38444-87-0	mg/kg	0.000109 J	0.00000349 UJ	0.00000336 UJ	0.0000382 J	0.0000212 J	0.00000578 UJ	0.00000642 UJ	0.00000347 UJ
PCB-37	38444-90-5	mg/kg	0.00191 J	0.000231 J	0.000273 J	0.00141 J	0.00122 J	0.000195 J	0.000152 J	0.0000516 J
PCB-38	53555-66-1	mg/kg	0.000126 J	0.00000378 UJ	0.00000736 J	0.0000969 J	0.00000338 JNX	0.00000648 UJ	0.0000072 UJ	0.00000389 UJ
PCB-39	38444-88-1	mg/kg	0.000174 J	0.00000669 J	0.0000154 J	0.000172 J	0.00013 J	0.0000262 J	0.0000226 J	0.00000669 JNX
PCB-40/71	40-71	mg/kg	0.0177 EJ	0.000556 J	0.00105 J	0.0274 EJ	0.00303 J	0.000273 J	0.0013 J	0.0000331 JNX
PCB-41	52663-59-9	mg/kg	0.00000507 UJ	0.00000246 UJ	0.00000506 UJ	0.00000444 UJ	0.00000304 UJ	0.00000727 J	0.00000337 UJ	0.00000267 UJ
PCB-42	36559-22-5	mg/kg	0.00936 EJ	0.000201 J	0.000426 J	0.0121 EJ	0.0028 J	0.000283 J	0.000313 J	0.0000472 J
PCB-43	70362-46-8	mg/kg	0.000195 J	0.000016 J	0.0000194 J	0.000329 J	0.000157 J	0.0000126 J	0.00000262 UJ	0.00000207 UJ
PCB-44/47/65	44-47-65	mg/kg	0.302 EJ	0.0135 J	0.0311 EJ	0.28 EJ	0.084 EJ	0.00877 J	0.0212 EJ	0.00105 J
PCB-45	70362-45-7	mg/kg	0.00000471 UJ	0.00000229 UJ	0.0000047 UJ	0.00000382 UJ	0.00000282 UJ	0.00000394 UJ	0.0000029 UJ	0.00000514 J
PCB-46	41464-47-5	mg/kg	0.0014 J	0.0000568 J	0.0000962 J	0.00266 J	0.000349 J	0.0000243 J	0.0000236 J	0.00000276 JNX
PCB-48	70362-47-9	mg/kg	0.000621 J	0.0000217 JNX	0.0000357 J	0.000493 J	0.000169 J	0.0000262 JNX	0.0000394 J	0.0000065 J
PCB-49/69	49-69	mg/kg	0.188 EJ	0.00472 J	0.00989 EJ	0.144 EJ	0.0292 EJ	0.00274 J	0.009 EJ	0.000735 J
PCB-50/53	50-53	mg/kg	0.0355 EJ	0.00143 J	0.00238 J	0.0469 EJ	0.00379 J	0.000335 J	0.000794 J	0.0000664 J

Table L-1
Benthic Invertebrate Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID: / Date Collected:	CAS Number	Units	5A-T-1 10/08/24	5B-T-1 10/07/24	5C-T-1 10/08/24	7D-T-1 10/09/24	7H-T-1 10/09/24	11-T-1 10/10/24	11-T-2 10/10/24	11-T-3 10/10/24
PCB CONGENERS BY HRMS (EPA 1668C)										
PCB-51	68194-04-7	mg/kg	0.0595 EJ	0.00215 J	0.00363 J	0.0695 EJ	0.0183 EJ	0.00104 J	0.000502 J	0.0000286 J
PCB-52	35693-99-3	mg/kg	0.147 EJ	0.00318 J	0.00546 EJ	0.066 EJ	0.0203 EJ	0.00182 J	0.00484 EJ	0.000904 J
PCB-54	15968-05-5	mg/kg	0.00599 EJ	0.000357 J	0.000476 J	0.00938 EJ	0.000586 J	0.000058 J	0.000115 J	0.0000105 J
PCB-55	74338-24-2	mg/kg	0.000058 UJ	0.00000644 UJ	0.00000689 UJ	0.0000384 UJ	0.0000299 UJ	0.0000113 UJ	0.0000121 UJ	0.00000516 UJ
PCB-56	41464-43-1	mg/kg	0.000517 J	0.0000678 J	0.0000808 J	0.00159 J	0.000286 J	0.0000533 J	0.000224 J	0.0000388 J
PCB-57	70424-67-8	mg/kg	0.00139 J	0.00003 J	0.0000378 J	0.000544 J	0.00024 J	0.0000158 JNX	0.0000118 J	0.0000145 J
PCB-58	41464-49-7	mg/kg	0.00148 J	0.0000111 JNX	0.000236 J	0.000488 J	0.000272 J	0.000029 J	0.0000472 J	0.0000297 J
PCB-59/62/75	59-62-75	mg/kg	0.00751 J	0.000335 J	0.000617 J	0.00654 J	0.000643 J	0.000112 J	0.000584 J	0.0000345 J
PCB-60	33025-41-1	mg/kg	0.000445 J	0.0000661 J	0.000056 J	0.000338 J	0.000235 J	0.0000545 J	0.0000654 J	0.00000645 UJ
PCB-61/70/74/76	61-70-74-76	mg/kg	0.0249 EJ	0.00134 J	0.00165 J	0.018 EJ	0.00712 J	0.00112 J	0.00254 J	0.000438 J
PCB-63	74472-34-7	mg/kg	0.00285 J	0.000234 J	0.00039 J	0.00261 J	0.00205 J	0.000293 J	0.000313 J	0.0000873 J
PCB-64	52663-58-8	mg/kg	0.00615 EJ	0.000161 J	0.000219 J	0.00448 EJ	0.000401 J	0.000078 J	0.000498 J	0.0000225 J
PCB-66	32598-10-0	mg/kg	0.0238 EJ	0.0011 J	0.00188 J	0.0233 EJ	0.0199 EJ	0.00295 J	0.00322 J	0.000549 J
PCB-67	73575-53-8	mg/kg	0.00113 J	0.00000583 UJ	0.0000153 JNX	0.0000365 UJ	0.000252 J	0.0000349 J	0.0000463 J	0.0000197 J
PCB-68	73575-52-7	mg/kg	0.00667 EJ	0.000296 J	0.000576 J	0.00681 EJ	0.00682 EJ	0.00109 J	0.0008 J	0.000343 J
PCB-72	41464-42-0	mg/kg	0.00658 EJ	0.000168 J	0.000191 J	0.00344 J	0.00273 J	0.000443 J	0.000447 J	0.000223 J
PCB-73	74338-23-1	mg/kg	0.00503 EJ	0.000186 J	0.00024 J	0.00398 EJ	0.00221 J	0.000199 J	0.000251 J	0.0000231 J
PCB-77	32598-13-3	mg/kg	0.000937 J	0.000234 J	0.000283 J	0.00117 J	0.00155 J	0.000271 J	0.000251 J	0.000128 J
PCB-78	70362-49-1	mg/kg	0.000135 J	0.00000692 UJ	0.00000741 UJ	0.0000446 UJ	0.0000322 UJ	0.0000132 UJ	0.0000197 J	0.00000599 UJ
PCB-79	41464-48-6	mg/kg	0.00127 J	0.0000611 J	0.0000744 J	0.00134 J	0.000696 J	0.000144 J	0.00019 J	0.0000572 J
PCB-80	33284-52-5	mg/kg	0.000171 J	0.0000136 J	0.0000196 J	0.0000606 J	0.0000681 J	0.0000122 UJ	0.0000127 J	0.00000556 UJ
PCB-81	70362-50-4	mg/kg	0.0000692 UJ	0.00000769 UJ	0.00000822 UJ	0.0000496 UJ	0.0000357 UJ	0.0000119 J	0.0000157 UJ	0.00000283 JNX
PCB-82	52663-62-4	mg/kg	0.00289 J	0.00016 J	0.000176 J	0.00415 EJ	0.00269 J	0.000476 J	0.000366 J	0.0000588 J
PCB-83	60145-20-2	mg/kg	0.00697 EJ	0.00015 J	0.000437 J	0.00768 EJ	0.00152 J	0.000397 J	0.000284 J	0.000135 J
PCB-84	52663-60-2	mg/kg	0.00821 EJ	0.000379 J	0.000529 J	0.00949 EJ	0.0021 J	0.000302 J	0.000345 J	0.0000297 J
PCB-85/116	85-116	mg/kg	0.013 EJ	0.000352 J	0.000661 J	0.0113 EJ	0.00436 J	0.000959 J	0.00247 J	0.000156 J
PCB-86/87/97/109/119/125	868797109119125	mg/kg	0.076 EJ	0.00249 J	0.00405 J	0.0705 EJ	0.0245 EJ	0.004 J	0.00663 J	0.000733 J
PCB-88	55215-17-3	mg/kg	0.00000664 UJ	0.00000335 UJ	0.00000458 UJ	0.0000478 UJ	0.00000417 UJ	0.0000136 UJ	0.00000877 UJ	0.00000401 UJ
PCB-89	73575-57-2	mg/kg	0.000163 J	0.00000595 J	0.00000732 J	0.000212 J	0.0000979 J	0.0000193 J	0.0000125 J	0.00000358 UJ
PCB-90/101/113	90-101-113	mg/kg	0.319 EJ	0.0103 J	0.0194 EJ	0.243 EJ	0.156 EJ	0.0228 EJ	0.0324 EJ	0.00611 J
PCB-91	68194-05-8	mg/kg	0.0534 EJ	0.0019 J	0.00442 EJ	0.0627 EJ	0.0179 EJ	0.00211 J	0.00305 J	0.000183 J
PCB-92	52663-61-3	mg/kg	0.0835 EJ	0.00307 J	0.00474 EJ	0.0664 EJ	0.0442 EJ	0.00582 EJ	0.00581 EJ	0.00165 J
PCB-93/100	93-100	mg/kg	0.0686 EJ	0.00195 J	0.00397 J	0.052 EJ	0.00262 J	0.000334 J	0.00394 J	0.000185 J
PCB-94	73575-55-0	mg/kg	0.00674 EJ	0.000238 J	0.000424 J	0.00763 EJ	0.00285 J	0.000366 J	0.00021 J	0.0000199 J
PCB-95	38379-99-6	mg/kg	0.0934 EJ	0.00465 J	0.00785 EJ	0.0874 EJ	0.0187 EJ	0.00319 J	0.00738 EJ	0.000604 J
PCB-96	73575-54-9	mg/kg	0.00226 J	0.0000975 J	0.000155 J	0.00411 EJ	0.000348 J	0.0000354 J	0.000057 J	0.00000481 J
PCB-98	60233-25-2	mg/kg	0.00000609 UJ	0.0000346 J	0.0000042 UJ	0.00177 J	0.000421 J	0.0000718 J	0.0000681 J	0.00000716 JNX
PCB-99	38380-01-7	mg/kg	0.0967 EJ	0.00478 J	0.0092 EJ	0.0983 EJ	0.0598 EJ	0.0106 EJ	0.0141 EJ	0.00315 J
PCB-102	68194-06-9	mg/kg	0.00702 EJ	0.00019 J	0.000378 J	0.00849 EJ	0.000887 J	0.0000913 J	0.000346 J	0.0000194 J
PCB-103	60145-21-3	mg/kg	0.0216 EJ	0.000701 J	0.00141 J	0.0203 EJ	0.00505 EJ	0.00077 J	0.00164 J	0.000357 J
PCB-104	56558-16-8	mg/kg	0.00289 J	0.000193 J	0.000245 J	0.00304 J	0.000323 J	0.0000333 J	0.00012 J	0.00000832 J
PCB-105	32598-14-4	mg/kg	0.0284 EJ	0.002 J	0.00238 J	0.0184 EJ	0.0222 EJ	0.00476 EJ	0.00461 EJ	0.00116 J
PCB-106	70424-69-0	mg/kg	0.00000481 UJ	0.00000242 UJ	0.00000332 UJ	0.0000345 UJ	0.00000302 UJ	0.00000985 UJ	0.00000633 UJ	0.00000289 UJ
PCB-107	70424-68-9	mg/kg	0.0113 EJ	0.00103 J	0.00125 J	0.0124 EJ	0.011 EJ	0.00252 J	0.00256 J	0.00115 J

Table L-1
Benthic Invertebrate Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID: / Date Collected:	CAS Number	Units	5A-T-1 10/08/24	5B-T-1 10/07/24	5C-T-1 10/08/24	7D-T-1 10/09/24	7H-T-1 10/09/24	11-T-1 10/10/24	11-T-2 10/10/24	11-T-3 10/10/24
PCB CONGENERS BY HRMS (EPA 1668C)										
PCB-108/124	108-124	mg/kg	0.00326 J	0.000177 J	0.00023 J	0.00418 J	0.00334 J	0.000675 J	0.000769 J	0.00028 J
PCB-110	38380-03-9	mg/kg	0.117 EJ	0.00343 J	0.00573 EJ	0.107 EJ	0.0394 EJ	0.00621 EJ	0.0196 EJ	0.00077 J
PCB-111	39635-32-0	mg/kg	0.000627 J	0.000478 J	0.000657 J	0.00166 J	0.00154 J	0.000355 J	0.000281 J	0.000185 J
PCB-112	74472-36-9	mg/kg	0.00000398 UJ	0.0000179 J	0.00000275 UJ	0.000259 J	0.000117 J	0.0000159 J	0.00000535 UJ	0.00000244 UJ
PCB-114	74472-37-0	mg/kg	0.00261 J	0.000339 J	0.000328 J	0.00156 J	0.00171 J	0.000431 J	0.000364 J	0.000175 J
PCB-115	74472-38-1	mg/kg	0.00000404 UJ	0.00000204 UJ	0.00000279 UJ	0.0000316 UJ	0.00000254 UJ	0.00000901 UJ	0.00000579 UJ	0.00000265 UJ
PCB-117	68194-11-6	mg/kg	0.0109 EJ	0.00211 J	0.00389 J	0.012 EJ	0.00766 EJ	0.0013 J	0.00158 J	0.000293 J
PCB-118	31508-00-6	mg/kg	0.13 EJ	0.00541 EJ	0.0077 EJ	0.0755 EJ	0.077 EJ	0.0156 EJ	0.0157 EJ	0.0048 EJ
PCB-120	68194-12-7	mg/kg	0.00385 J	0.000188 J	0.000285 J	0.00352 J	0.00304 J	0.000774 J	0.00067 J	0.000476 J
PCB-121	56558-18-0	mg/kg	0.000898 J	0.0000693 J	0.000109 J	0.00114 J	0.0011 J	0.000201 J	0.000141 J	0.0000785 J
PCB-122	76842-07-4	mg/kg	0.00000655 UJ	0.0000417 J	0.0000491 J	0.000952 J	0.0000038 UJ	0.0000842 J	0.000212 J	0.0000428 J
PCB-123	65510-44-3	mg/kg	0.00277 J	0.0000779 J	0.000104 J	0.00171 J	0.00189 J	0.000402 J	0.000343 J	0.000169 J
PCB-126	57465-28-8	mg/kg	0.000418 J	0.000106 J	0.000138 J	0.000438 J	0.000592 J	0.000119 J	0.000134 J	0.0000748 J
PCB-127	39635-33-1	mg/kg	0.00000431 UJ	0.0000285 J	0.00000387 UJ	0.00046 J	0.00000284 UJ	0.0000932 J	0.000111 J	0.00000329 UJ
PCB-128/166	128-166	mg/kg	0.0104 EJ	0.00467 J	0.00573 J	0.0356 EJ	0.0451 EJ	0.0106 EJ	0.0104 EJ	0.00098 J
PCB-129/138/163	129-138-163	mg/kg	0.439 EJ	0.0511 EJ	0.0741 EJ	0.408 EJ	0.291 EJ	0.0887 EJ	0.108 EJ	0.0121 EJ
PCB-130	52663-66-8	mg/kg	0.0113 EJ	0.00216 J	0.00272 J	0.0266 EJ	0.0263 EJ	0.00788 EJ	0.00858 EJ	0.00118 J
PCB-131	61798-70-7	mg/kg	0.00227 J	0.0000858 J	0.000119 J	0.00169 J	0.000891 J	0.000232 J	0.000261 J	0.0000364 J
PCB-132	38380-05-1	mg/kg	0.0643 EJ	0.00337 J	0.00416 J	0.0773 EJ	0.0311 EJ	0.00806 EJ	0.013 EJ	0.000424 J
PCB-133	35694-04-3	mg/kg	0.0199 EJ	0.00467 J	0.00475 EJ	0.0131 EJ	0.0133 EJ	0.00386 J	0.00377 J	0.00231 J
PCB-134	52704-70-8	mg/kg	0.00000484 UJ	0.000871 J	0.000994 J	0.0149 EJ	0.00654 EJ	0.00167 J	0.00254 J	0.000183 J
PCB-135/151	135-151	mg/kg	0.203 EJ	0.0153 EJ	0.0162 EJ	0.156 EJ	0.0765 EJ	0.0191 EJ	0.0304 EJ	0.00213 J
PCB-136	38411-22-2	mg/kg	0.0262 EJ	0.00227 J	0.00339 J	0.0385 EJ	0.00325 J	0.000504 J	0.00291 J	0.000151 J
PCB-137	35694-06-5	mg/kg	0.0124 EJ	0.000435 J	0.000636 J	0.0091 EJ	0.0075 EJ	0.00188 J	0.00224 J	0.000406 J
PCB-139/140	139-140	mg/kg	0.00644 J	0.000279 J	0.000385 J	0.00543 J	0.000304 J	0.0000859 J	0.00121 J	0.000071 J
PCB-141	52712-04-6	mg/kg	0.0516 EJ	0.00532 EJ	0.00517 EJ	0.0953 EJ	0.0553 EJ	0.0122 EJ	0.0197 EJ	0.00398 EJ
PCB-142	41411-61-4	mg/kg	0.00000405 UJ	0.00000195 UJ	0.0000045 UJ	0.00000355 UJ	0.00000345 UJ	0.0000051 UJ	0.00000322 UJ	0.0000031 UJ
PCB-143	68194-15-0	mg/kg	0.0117 EJ	0.00000169 UJ	0.00000388 UJ	0.00000315 UJ	0.00000298 UJ	0.00000454 UJ	0.00000286 UJ	0.00000276 UJ
PCB-144	68194-14-9	mg/kg	0.0236 EJ	0.00123 J	0.0017 J	0.0192 EJ	0.00814 EJ	0.00215 J	0.00322 J	0.000632 J
PCB-145	74472-40-5	mg/kg	0.00000249 UJ	0.00000246 J	0.00000288 UJ	0.0000639 J	0.00000267 UJ	0.0000029 UJ	0.00000234 UJ	0.00000181 UJ
PCB-146	51908-16-8	mg/kg	0.152 EJ	0.0148 EJ	0.0181 EJ	0.0984 EJ	0.109 EJ	0.0306 EJ	0.0249 EJ	0.013 EJ
PCB-147/149	147-149	mg/kg	0.302 EJ	0.022 EJ	0.0292 EJ	0.345 EJ	0.059 EJ	0.0152 EJ	0.0699 EJ	0.00504 J
PCB-148	74472-41-6	mg/kg	0.00671 EJ	0.000259 J	0.000272 J	0.00427 EJ	0.00295 J	0.000781 J	0.000785 J	0.000272 J
PCB-150	68194-08-1	mg/kg	0.00317 J	0.000186 J	0.000246 J	0.00499 EJ	0.00038 J	0.0000479 J	0.000357 J	0.0000307 J
PCB-152	68194-09-2	mg/kg	0.00158 J	0.0000788 J	0.000129 J	0.00237 J	0.00037 J	0.0000514 J	0.0000831 J	0.00000385 JNX
PCB-153/168	153-168	mg/kg	0.568 EJ	0.057 EJ	0.074 EJ	0.4 EJ	0.395 EJ	0.168 EJ	0.13 EJ	0.0619 EJ
PCB-154	60145-22-4	mg/kg	0.0396 EJ	0.000864 J	0.00111 J	0.0212 EJ	0.00247 J	0.000621 J	0.00368 J	0.000514 J
PCB-155	33979-03-2	mg/kg	0.000902 J	0.0000896 J	0.00013 J	0.000624 J	0.000025 J	0.00000251 UJ	0.0000749 J	0.0000176 J
PCB-156/157	156-157	mg/kg	0.0555 EJ	0.00541 J	0.00665 J	0.0259 EJ	0.0308 EJ	0.00635 J	0.00536 J	0.00248 J
PCB-158	74472-42-7	mg/kg	0.0243 EJ	0.00229 J	0.0028 J	0.0346 EJ	0.0261 EJ	0.00693 EJ	0.00844 EJ	0.00104 J
PCB-159	39635-35-3	mg/kg	0.00532 EJ	0.000481 J	0.000416 J	0.00648 EJ	0.00184 J	0.000445 J	0.00173 J	0.000117 J
PCB-160	41411-62-5	mg/kg	0.00000321 UJ	0.00000155 UJ	0.00000356 UJ	0.00000279 UJ	0.00000273 UJ	0.00000401 UJ	0.00000253 UJ	0.00000244 UJ
PCB-161	74472-43-8	mg/kg	0.00000262 UJ	0.00000127 UJ	0.00000291 UJ	0.00000198 UJ	0.00000223 UJ	0.00000286 UJ	0.0000018 UJ	0.00000174 UJ
PCB-162	39635-34-2	mg/kg	0.00192 J	0.000787 J	0.000791 J	0.00227 J	0.00313 J	0.000727 J	0.000575 J	0.000379 J

Table L-1
Benthic Invertebrate Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Location ID: / Date Collected:	CAS Number	Units	5A-T-1 10/08/24	5B-T-1 10/07/24	5C-T-1 10/08/24	7D-T-1 10/09/24	7H-T-1 10/09/24	11-T-1 10/10/24	11-T-2 10/10/24	11-T-3 10/10/24
PCB CONGENERS BY HRMS (EPA 1668C)										
PCB-164	74472-45-0	mg/kg	0.0289 EJ	0.00156 J	0.00116 J	0.0286 EJ	0.0129 EJ	0.00362 J	0.00845 EJ	0.00052 J
PCB-165	74472-46-1	mg/kg	0.0036 J	0.000692 J	0.000744 J	0.00171 J	0.00182 J	0.000483 J	0.00042 J	0.000268 J
PCB-167	52663-72-6	mg/kg	0.0261 EJ	0.00121 J	0.00147 J	0.0187 EJ	0.0242 EJ	0.00523 EJ	0.00396 EJ	0.0022 J
PCB-169	32774-16-6	mg/kg	0.0000698 UJ	0.00000949 UJ	0.00000898 UJ	0.0000287 UJ	0.0000256 UJ	0.0000145 UJ	0.0000154 UJ	0.00000851 UJ
PCB-170	35065-30-6	mg/kg	0.252 EJ	0.0279 EJ	0.0296 EJ	0.171 EJ	0.19 EJ	0.0387 EJ	0.0373 EJ	0.0048 EJ
PCB-171/173	171-173	mg/kg	0.0565 EJ	0.00329 J	0.00463 J	0.0416 EJ	0.0186 EJ	0.00451 J	0.00955 EJ	0.000517 J
PCB-172	52663-74-8	mg/kg	0.0499 EJ	0.0136 EJ	0.0161 EJ	0.0348 EJ	0.0388 EJ	0.0107 EJ	0.00945 EJ	0.00448 EJ
PCB-174	38411-25-5	mg/kg	0.127 EJ	0.00965 EJ	0.00965 EJ	0.16 EJ	0.03 EJ	0.00781 EJ	0.0367 EJ	0.00154 J
PCB-175	40186-70-7	mg/kg	0.00882 EJ	0.00106 J	0.00152 J	0.0081 EJ	0.00727 EJ	0.0018 J	0.00176 J	0.00063 J
PCB-176	52663-65-7	mg/kg	0.0251 EJ	0.00145 J	0.00168 J	0.0206 EJ	0.00167 J	0.000308 J	0.00345 J	0.000193 J
PCB-177	52663-70-4	mg/kg	0.0868 EJ	0.00987 EJ	0.0144 EJ	0.0985 EJ	0.0957 EJ	0.0226 EJ	0.026 EJ	0.00105 J
PCB-178	52663-67-9	mg/kg	0.0546 EJ	0.0121 EJ	0.0103 EJ	0.0668 EJ	0.0719 EJ	0.0171 EJ	0.018 EJ	0.00695 EJ
PCB-179	52663-64-6	mg/kg	0.0423 EJ	0.00412 J	0.00459 EJ	0.0477 EJ	0.00464 EJ	0.00112 J	0.0101 EJ	0.000346 J
PCB-180/193	180-193	mg/kg	0.631 EJ	0.0476 EJ	0.0583 EJ	0.393 EJ	0.425 EJ	0.112 EJ	0.0918 EJ	0.0413 EJ
PCB-181	74472-47-2	mg/kg	0.0000278 UJ	0.00009 J	0.000126 J	0.00103 J	0.000759 J	0.000202 J	0.000214 J	0.0000303 J
PCB-182	60145-23-5	mg/kg	0.0133 EJ	0.0000698 J	0.0000836 J	0.00153 J	0.000602 J	0.000184 J	0.000341 J	0.000038 J
PCB-183	52663-69-1	mg/kg	0.129 EJ	0.014 EJ	0.0213 EJ	0.121 EJ	0.0978 EJ	0.0218 EJ	0.0232 EJ	0.00381 J
PCB-184	74472-48-3	mg/kg	0.000273 J	0.0000165 J	0.0000183 JNX	0.000168 J	0.00000184 UJ	0.0000031 UJ	0.0000275 J	0.00000339 J
PCB-185	52712-05-7	mg/kg	0.0225 EJ	0.0017 J	0.00187 J	0.023 EJ	0.00952 EJ	0.00286 J	0.00516 EJ	0.000907 J
PCB-186	74472-49-4	mg/kg	0.000013 J	0.00000131 UJ	0.00000307 UJ	0.00000156 UJ	0.00000171 UJ	0.00000318 UJ	0.00000197 UJ	0.00000161 UJ
PCB-187	52663-68-0	mg/kg	0.0951 EJ	0.0515 EJ	0.0776 EJ	0.254 EJ	0.278 EJ	0.0717 EJ	0.0627 EJ	0.0102 EJ
PCB-188	74487-85-7	mg/kg	0.00147 J	0.000168 J	0.00023 J	0.00117 J	0.000682 J	0.000128 J	0.000186 J	0.0000726 J
PCB-189	39635-31-9	mg/kg	0.0143 EJ	0.00331 J	0.00375 J	0.00758 EJ	0.0092 EJ	0.00197 J	0.0016 J	0.000981 J
PCB-190	41411-64-7	mg/kg	0.0401 EJ	0.00857 EJ	0.011 EJ	0.0397 EJ	0.0422 EJ	0.011 EJ	0.00846 EJ	0.00222 J
PCB-191	74472-50-7	mg/kg	0.011 EJ	0.00043 J	0.000555 J	0.00821 EJ	0.00698 EJ	0.00173 J	0.00178 J	0.000258 J
PCB-192	74472-51-8	mg/kg	0.0000215 UJ	0.00000521 UJ	0.00000776 UJ	0.0000301 UJ	0.000016 UJ	0.00000836 UJ	0.00000882 UJ	0.00000369 UJ
PCB-194	35694-08-7	mg/kg	0.129 EJ	0.0303 EJ	0.0247 EJ	0.0632 EJ	0.0762 EJ	0.0163 EJ	0.0162 EJ	0.00845 EJ
PCB-195	52663-78-2	mg/kg	0.0464 EJ	0.00404 J	0.0037 J	0.026 EJ	0.0273 EJ	0.00636 EJ	0.00805 EJ	0.000749 J
PCB-196	42740-50-1	mg/kg	0.0629 EJ	0.00436 J	0.00531 EJ	0.0385 EJ	0.0348 EJ	0.00638 EJ	0.00933 EJ	0.00143 J
PCB-197	33091-17-7	mg/kg	0.00445 EJ	0.000393 J	0.000446 J	0.00278 J	0.000932 J	0.000253 J	0.000674 J	0.00014 J
PCB-198/199	198-199	mg/kg	0.111 EJ	0.0188 EJ	0.0191 EJ	0.0704 EJ	0.0717 EJ	0.0167 EJ	0.0238 EJ	0.00332 J
PCB-200	52663-73-7	mg/kg	0.0112 EJ	0.000702 J	0.0006 J	0.00703 EJ	0.000412 J	0.0000883 J	0.00186 J	0.000124 J
PCB-201	40186-71-8	mg/kg	0.0145 EJ	0.00172 J	0.00212 J	0.0101 EJ	0.00773 EJ	0.00183 J	0.00259 J	0.000589 J
PCB-202	2136-99-4	mg/kg	0.0177 EJ	0.00301 J	0.00229 J	0.0139 EJ	0.0114 EJ	0.00281 J	0.00384 J	0.00141 J
PCB-203	52663-76-0	mg/kg	0.0896 EJ	0.0113 EJ	0.0121 EJ	0.0498 EJ	0.0553 EJ	0.0109 EJ	0.0115 EJ	0.00519 EJ
PCB-204	74472-52-9	mg/kg	0.0000282 J	0.00000219 J	0.00000241 JNX	0.0000223 J	0.00000496 J	0.00000195 UJ	0.00000434 JNX	0.000000678 JNX
PCB-205	74472-53-0	mg/kg	0.00649 EJ	0.00158 J	0.00128 J	0.00353 J	0.00359 J	0.00084 J	0.001 J	0.000444 J
PCB-206	40186-72-9	mg/kg	0.0153 EJ	0.00329 J	0.0026 J	0.00773 EJ	0.00685 EJ	0.00162 J	0.00256 J	0.000719 J
PCB-207	52663-79-3	mg/kg	0.00244 J	0.000315 J	0.000322 J	0.00115 J	0.000635 J	0.000131 J	0.000272 J	0.0000874 J
PCB-208	52663-77-1	mg/kg	0.00254 J	0.000766 J	0.000559 J	0.00168 J	0.00118 J	0.000291 J	0.00055 J	0.000145 J
PCB-209	ARC-209	mg/kg	0.000361 J	0.000192 J	0.000137 J	0.000294 J	0.000179 J	0.0000696 J	0.0000999 J	0.0000519 J
Total PCB Congeners	TCongeners1668C	mg/kg	6.47 J	0.573 J	0.749 J	5.5 J	3.6 J	0.899 J	1.07 J	0.244 J

Table L-1
Benthic Invertebrate Individual Congener PCB Results

Baseline Monitoring Program: Data Summary Report for 2024
Housatonic River - Rest of River

Notes

mg/kg = milligram per kilogram

EJ = The compound was quantitated above the calibration range. The associated numerical value is an estimated concentration only.

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

JNX = The associated numerical value is an estimated maximum possible concentration (EMPC).

UBJ = The compound is considered non-detect at the listed value due to associated blank contamination. The associated numerical value is an estimated concentration only.

UJ = The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

Appendix M
Benthic Invertebrate Community Survey Results

Phylum	Class	Order	Family	Common Name	Final ID	5B-C-1	5B-C-2	5B-C-2 DUP	5C-C-1	5C-C-1 DUP	5C-C-2	5C-C-3	5C-C-4	5C-C-5	7D-C-1	7D-C-1 DUP	Total	Tolerance Value
Annelida	Clitellata	Tubificida	Naididae	Segmented Worms	*Aulodrilus sp.*	10				2		7					19	8
					Dero digitata										3	1	4	10
					Limnodrilus sp.	5	8	2	1	1	9	2	3	1	4	11	47	10
					Limnodrilus hoffmeisteri				7		2		1	2		5	17	10
					Nais sp.	2		3				1	1				7	9
Arthropoda	Arachnida	Trombidiformes	Arrenuridae	Mites	*Arrenurus sp.*										1	4	5	8
		Trombidiformes	Hygrobatidae		*Hygrobates sp.*		1										1	8
	Insecta	Coleoptera	Dytiscidae	Beetles	*Agabus sp.*	2		2			2		1	1	3		11	5
					Coptotomus sp.										1		1	9
			Elmidae		*Dubiraphia sp.*		1	6	2	3	4	1					17	6
					Macronychus glabratus	1		3	5		7	9	2	1			28	4
					Optioservus sp.					2							2	4
					Promoresia sp.	2			1			3		2	1	6	15	2
					Stenelmis sp.	1							1	2		1	5	5
			Gyrinidae		*Dineutus sp.*										2		2	4
			Psephenidae		*Psephenus herricki*			2				5	1				8	6
		Diptera	Ceratopogonidae	True Flies	*Bezzia/Palpomyia sp.*	2	2					2	3		6	4	19	6
					Stilobezzia sp.	1		1		1				4	1	8	16	6
			Chironomidae		*Ablabesmyia mallochi*				1			1			10	7	19	6
					Chironomus sp.	1	2	9	1			2	3	4	10	14	46	8
					Cladotanytarsus sp.	3	2	8	6	9	4	1		2	8	11	54	7
					Cricotopus bicinctus	29	32	18	25	31	32	46	38	11	4	3	269	6
					Cricotopus sylvestris group	33	18	21	13	10	2		14	27	6	19	163	10
					Cryptochironomus sp.	2	9		7	10		1	2		1	5	37	8
					Dicrotendipes sp.		1							1	5	4	11	8
					Eukiefferiella claripennis group	1			2	6		5					14	8
					Microtendipes pedellus group		6	9	5	1	14	5		1		3	44	5
					Microtendipes rydalensis group				1		10			2	2		15	2
					Nanocladius sp.		1	3			3	2	12				21	3
					Orthocladius annectens			3									3	6
					Parametriocnemus sp.		11	1	9	7		8	10	5	1		52	5
					Paratendipes sp.										1	5	6	8
					Polypedilum flavum				1								1	4
					Polypedilum halterale group			6	2	3	3	2	1		1		18	7
					Polypedilum illinoense group		1		1	1		5		2			10	7
					Polypedilum scalaenum group			2		1							3	7
					Psectrocladius sp.	16	12	22	19	24	7	10	25	1	2	1	139	8
					Procladius bellus					1			2		8	4	15	9
					Rheocricotopus robacki		1	3		1							5	6
					Rheotanytarsus exiguus group	2	6	16	12	9	5	14	20	2	7	1	94	6
					Tanytarsus sp.				7	3	4		3	16	2	9	44	6
					Thienemanniella sp.	8	2	3	2	2	1	1		1			20	6
					Thienemannimyia group						9			6	7	13	35	6
					Tvetenia paucunca				1	5							6	5
					Tvetenia vitracies	1		2	2		1		5				11	5
					Chironomidae (pupae)	9	1	2	8	9	10	2	3	4	7	2	57	6
			Empididae		*Hemerodromia sp.*		2	1			1						4	6
					Neoplasta sp.		1			3	1		1				6	6
			Tipulidae		*Antocha sp.*			1									1	3
					Dicranota sp.	1			1								2	3
					Tipula sp.	1											1	4
		Ephemeroptera	Baetidae	Mayflies	*Baetis flavistriga*	13	8	14	10	9	8	10	1	9	1	14	97	5
					Baetis intercalaris		1	6	6		1	7	10	3		2	36	6
					Iswaeon anoka	18	10	4	7	6	5		5	1	9		65	4
					Labiobaetis sp.				1	2				2	7	5	17	6
					Plauditus sp.	1	2	7	9	7		4		1	4	10	45	5
			Baetiscidae		*Baetisca sp.*	1	1		2	1							5	4
			Ephemerellidae		*Ephemerella*			1		3	6	1	7	1	5	3	27	3
			Heptageniidae		*Maccaffertium modestum*	6	14	24	19	9	19	14	9		5	2	121	5
					Maccaffertium sp.		5	7	14	17	11		8		4	10	76	5

					Stenacron sp.						1	1		4	16	10	32	4
			Isonychiidae		*Isonychia sp.*							1	5	2		1	9	3
			Leptophlebiidae		*Paraleptophlebia sp.*	7	11	9	11	6		1	5	14	11	7	82	4
		Megaloptera	Corydalidae		*Nigronia sp.*								2		1		3	5
			Sialidae		*Sialis sp.*		1		2								3	4
		Odonata	Aeschnidae	Dragonflies/Damselflies	*Basiaeschna janata*	1		1					1	2		2	7	6
					Boyeria grafiana		1		2		1	5	1				10	6
					Boyeria vinosa				1			1			1		3	6
			Coenagrionidae		*Ischnura sp.*	4	7	6	12	9		13	8	1	4	7	71	9
			Gomphidae		*Ophiogomphus sp.*						2		1				3	6
					Stylurus sp.				1				2				3	5
		Plecoptera	Perlidae	Stoneflies	*Acroneuria abnormis*		1		2	3			1				7	2
					Paragnetina media					1				1			2	2
			Taeniopterygidae		*Taeniopteryx sp.*	2			1								3	2
		Trichoptera	Hydropsychidae	Caddisflies	*Cheumatopsyche sp.*	44	19	38	15	26	39	42	10	49	17	1	300	6
					Hydropsyche betteni	2	6	14	17	8	6	10	7	8	1	16	95	5
					Hydropsyche bronta				4	1					2		7	5
					Hydropsyche morosa				2				4	1		8	15	5
					Hydropsyche sparna	3	11	9	19	22	14	12	7	8	39	8	152	5
					Hydropsychidae	25	31	16	7	4	2	14	12	9	7	2	129	5
			Hydroptilidae		*Hydroptila sp.*	3	1	5	4			4	2	5	5		29	6
			Lepidostomatidae		*Lepidostoma sp.*				1	6	3						10	1
			Limnephilidae		*Limnephilus sp.*						3		2			2	7	5
					Pycnopsyche sp.										7	3	10	4
			Philopotamidae		*Chimarra aterrima*	3	6	1	12	9	2	4	14	7	7	3	68	4
					Chimarra obscura		2	5	12	2	2		1	22	5		51	4
					Dolophilodes sp.				1						2	2	5	4
			Polycentropodidae		*Neureclipsis sp.*				1	6				4			11	4
					Polycentropus sp.	9	14	10	13	15	9	13	9		5	1	98	5
			Psychomyiidae		*Lype diversa*					1		3		6	5	5	20	3
Crustacea	Malacostraca	Amphipoda	Gammaridae		*Gammarus sp.*			1				2	2	12			17	5
			Hyalellidae		*Hyalella sp.*	2	9	8	17	4		9		10	38	41	138	8
		Decapoda	Cambaridae		*Faxonius sp.*			1				2		1			4	6
		Isopoda	Asellidae		*Caecidotea sp.*						2		1		6	2	11	6
Mollusca	Bivalvia	Sphaeriida	Sphaeriidae	Clams/Mussels	*Sphaerium sp.*	1		9	2	7	4	5	4	2		3	37	6
		Unionoida	Unionidae		*Elliptio complanata*				1				2		1	2	6	5
	Gastropoda	Basommatophora	Physidae	Snails	*Physella sp.*	6		8	4	3	1	5	2	2			31	8
			Planorbidae		*Helisoma sp.*									1			1	6
					Ferrissia sp.	2	1	2	2	3	1	4	4	1	7	1	28	6
					Total Abundance	**286**	**282**	**355**	**376**	**335**	**273**	**322**	**301**	**287**	**326**	**314**	**3457**	
					Total Richness	**42**	**43**	**49**	**60**	**51**	**43**	**48**	**53**	**51**	**54**	**51**		
					EPT Richness	**14**	**17**	**16**	**24**	**22**	**16**	**16**	**19**	**20**	**22**	**21**		
					Dominant Taxa	*Cheumatopsyche sp. 15.4%*	*C. bicinctus 11.3%*	*Cheumatopsyche sp. 10.7%*	*C. bicinctus 6.6%*	*C. bicinctus 9.3%*	*Cheumatopsyche 14.3%*	*C. bicinctus 14.3%*	*C. bicinctus 12.6%*	*Cheumatopsyche sp. 17.1%*	*H. sparna 11.9%*	*Hyalella sp. 13.1%*		